

COLORADO RIVER BOARD OF CALIFORNIA

770 FAIRMONT AVENUE, SUITE 100
GLENDALE, CA 91203-1068
(818) 500-1625
(818) 543-4685 FAX



March 30, 2013

**NOTICE OF REGULAR MEETING OF THE
COLORADO RIVER BOARD**

NOTICE IS HEREBY GIVEN pursuant to the call of the Chairperson, Dana B. Fisher, Jr., by the undersigned, the Executive Director of the Colorado River Board of California, that a regular meeting of the Board Members is to be held as follows:

Date: April 10, 2013, Wednesday
Time: 10:00 a.m.
Place: Vineyard Room Holiday Inn Ontario Airport 2155 East Convention Center Way Ontario, CA 91764-4452 TEL: (909) 212-8000, FAX: (909) 418-6703

The Colorado River Board of California welcomes any comments from members of the public pertaining to items included on this agenda and related topics. Oral comments can be provided at the beginning of each Board meeting; while written comments may be sent to Mr. Dana B. Fisher, Jr., Chairperson, Colorado River Board of California, 770 Fairmont Avenue, Suite 100, Glendale, California, 91203-1068.

An Executive Session may be held in accordance with provisions of Article 9 (commencing with Section 11120) of Chapter 1 of Part 1 of Division 3 of Title 2 of the Government Code and in accordance with Sections 12516 and 12519 of the Water Code to discuss matters concerning interstate claims to the use of Colorado River System waters in judicial proceedings, administrative proceedings, and/or negotiations with representatives from other states or the federal government.

Requests for additional information may be directed to: Ms. Tanya M. Trujillo, Executive Director, Colorado River Board of California, 770 Fairmont Avenue, Suite 100, Glendale, CA 91203-1068, or 818-500-1625. A copy of this Notice and Agenda may be found on the Colorado River Board's web page at www.crb.ca.gov.

A copy of the meeting agenda, showing the matters to be considered and transacted, is attached.

A handwritten signature in cursive script that reads "Tanya M. Trujillo".

Tanya M. Trujillo
Executive Director

attachment: Agenda

Regular Meeting
COLORADO RIVER BOARD OF CALIFORNIA
April 10, 2013, Wednesday
10:00 a.m.

Vineyard Room
Holiday Inn Ontario Airport
2155 East Convention Center Way
Ontario, CA 91764-4452

A G E N D A

At the discretion of the Board, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated upon and may be subject to action by the Board. Items may not necessarily be taken up in the order shown.

1. Call to Order
2. Opportunity for the Public to Address the Board (Limited to 5 minutes)
As required by Government Code, Section 54954.3(a)
3. Administration
 - a. Minutes of the Meeting held March 13, 2013,
Consideration and Approval (**Action**) TAB 1
 - b. New Board Member Orientation Materials
4. Protection of Existing Rights
 - a. Colorado River Water Report(s) TAB 2
Report on current reservoir storage, reservoir releases, projected water use,
forecasted river flows, scheduled deliveries to Mexico, and salinity
 - b. State and Local Water Reports TAB 3
 - Reports on current water supply and use conditions
 - Draft Workshop Agenda, Improving Drought Prediction at Seasonal to
Inter-Annual Timescales, April 29-May 1, 2013, Doubletree San Diego
Downtown, San Diego, California
 - c. Colorado River Operations TAB 4
 - Coachella Valley Water District News Release Naming
New General Manager-Chief Engineer
 - Status of the Glen Canyon Dam LTEMP Process
 - d. Basin States Discussions TAB 5
 - Minute 319 Update
 - Status of the Colorado River Basin Water Supply and Demand Study
 - Basin States Technical Committee Meeting, April 17, 2013, Las Vegas,
Nevada

Agenda (continued)

5. Executive Session

An Executive Session may be held by the Board pursuant to provisions of Article 9 (commencing with Section 11120) of Chapter 1 of Part 1 of Division 3 of Title 2 of the Government Code and Sections 12516 and 12519 of the Water Code to discuss matters concerning interstate claims to the use of Colorado River system waters in judicial proceedings, administrative proceedings, and/or negotiations with representatives from other states or the federal government.

6. Other Business

a. Next Board Meeting: Regular Meeting

May 15, 2013, Wednesday, starting 10:00 a.m.

Holiday Inn Ontario Airport

2155 East Convention Center Way

Ontario, CA 91764-4452

TEL: (909) 212-8000, FAX: (909) 418-6703

3.a. - Approval March 13, 2013, Board Meeting Minutes

Minutes of Regular Meeting
COLORADO RIVER BOARD OF CALIFORNIA
Wednesday, March 13, 2013

A Regular Meeting of the Colorado River Board of California (Board) was held in the Salon 4 Room, of Radisson Ontario Airport, 2200 East Holt Boulevard, Ontario, California, Wednesday, March 13, 2013.

Board Members and Alternates Present

Dana Bart Fisher, Jr, Chairman
James Cleo Hanks
Henry Merle Kuiper
David R. Pettijohn

Bill D. Wright
Jeanine Jones, Designee
Department of Water Resources

Board Members and Alternate Absent

John V. Foley
Terese Marie Ghio
Franz W. De Klotz
James B. McDaniel

John Palmer Powell, Jr.
Christopher G. Hayes, Designee
Department of Fish and Game

Others Present

Autumn Ashurst
James M. Barrett
John Penn Carter
J.C. Jay Chen
Dan Denham
Leslie Gallagher
Jennifer Goodsell
William J. Hasencamp
Michael T. Hogan
Thomas E. Levy
Lindia Y. Liu
Jan P. Matusak

Doug McPherson
Glen D. Peterson
Bud Pocklington
Halla Razak
Tom J. Ryan
Jack Seiler
Tina L. A. Shields
Ed W. Smith
Gary E. Tavetian
Joseph A. Vanderhorst
Mark Van Vlack
Gerald R. Zimmerman

CALL TO ORDER

Chairman Fisher announced the presence of a quorum, and called the meeting to order at 10:14 a.m.

OPPORTUNITY FOR THE PUBLIC TO ADDRESS THE BOARD

Chairman Fisher asked if there was anyone in the audience who wanted to address the Board on items on the agenda or matters related to the Board. Hearing none, Chairman Fisher moved the meeting to the next agenda item.

ADMINISTRATION

Approval of Minutes

Chairman Fisher adopted the informational meeting minutes of February 13th, and asked if there was a motion to approve the December 12th meeting minutes. Mr. Pettijohn moved that the minutes be approved, seconded by Ms. Jones. Unanimously carried, the Board approved the December 12th meeting minutes.

New Board Member Information

Ms. Trujillo reported that the Board would be putting together a new Board member packet for the new Board members. The new Board member packet will be available at the next Board meeting.

PROTECTION OF EXISTING RIGHTS

Colorado River Water Report

Ms. Trujillo reported that precipitation from October 1st to March 4th was 75 percent of normal, and the snowpack was about 79 percent of normal. The April through July runoff is expected to be 3.75 million acre-feet (maf) or 52 percent of normal. The anticipated 2013 water year runoff is 5.74 maf, or about 53 percent of normal.

Ms. Trujillo reported that as of March 1st, the storage in Lake Powell was 11.89 maf, or 49 percent of capacity. The surface elevation was 3,601.5 feet. The storage in Lake Mead was 13.81 maf, or 53 percent of capacity. The surface elevation was 1,122.1 feet. Total system storage was about 32.44 maf, or 54 percent of capacity. Last year at this time there was 37.94 maf, or 64 percent of capacity.

Ms. Trujillo added that the Colorado Basin River Forecast Center, Upper Colorado Mainstem Group indicated that current precipitation is about the same as 2002, the lowest year on record.

State and Local Water Reports

Ms. Jeanine Jones, of the California Department of Water Resources, reported that precipitation in Southern California is also quite dry. January and February were together the driest in 90 years of records in California. Both the Sacramento Basin Eight-station Index and the San Joaquin Five-station Index showed a downward trend. Usually April 1st is the peak of the snowpack, but it appears the peak has already occurred and the snow has started to melt. The ten-day forecast indicates there is a potential for wet conditions, but the prediction models are

not in agreement. The Central Valley Project announced that the initial allocation at the end of February for agriculture south of the Delta is 25 percent of their allocation, and for urban exports it is 75 percent of their allocation.

Mr. Wright, of The Metropolitan Water District of Southern California (MWD), reported that the Colorado River Aqueduct is now pumping at a seven pump flow, the increase will allow the storage capacity of local reservoirs to be restored. As of March 1st the combined storage of Lakes Skinner, Mathews, and Diamond Valley, was 825,900 acre-feet, or 80 percent of capacity. MWD's 2013 Colorado River supply estimate is about 764,000 acre-feet. Deliveries to member agencies were about 99,000 acre-feet for the month of January, or about 74 percent of the ten year average.

Mr. Pettijohn, of the Los Angeles Department of Water and Power (LADWP), reported that there was almost no precipitation in the Eastern Sierra during the months of January and February. December was great, but if current conditions prevail, runoff will be about 60 percent of average. Without additional runoff, LADWP will probably be buying over 300,000 acre-feet of water from MWD this year.

Colorado River Operations

Review of Reclamation's Forecast of 2012

Ms. Trujillo reported the as of March 1st, the forecast 2013 consumptive use (CU) by the Lower Basin States is 7.1 maf. As of February 13, 2013, calendar year 2012 CU, for the Lower Basin, is 7.45, and California's CU is reported as 4.419 maf. California's CU is technically over the normal 4.4 maf, but the overage is not unauthorized or unanticipated in the context of the normal back-and-forth process between Reclamation and the water users throughout the water year. There are allowable uses over 4.4 maf, and that information is captured in Reclamation's "use to date and approved annual water orders" column of the forecast page. California's final CU is expected to be finalized in accordance with Reclamation's decree accounting process, in the next couple of months. Chairman Fisher asked for examples of the legitimate uses above 4.4 maf. Mr. Trujillo reported that in the column titled "Excess to Estimated Use" indicates estimated overuse by MWD and the Imperial Irrigation District (IID), and under use by Coachella Valley Water District. Ms. Trujillo reported that MWD's overage is expected to be removed by the next report update and IID's overuse is tracked and monitored pursuant to the Inadvertent Overrun and Payback Policy. In the category titled "Interim Surplus Guidelines Annual Target Comparison Calculation" Reclamation tracks the progress California has been making in terms of meeting the benchmark targets in Exhibit B to the Colorado River Water Delivery Agreement.

Final 2013 Annual Operating Plan

Ms. Trujillo reported that on January 24, 2013, Secretary Salazar approved the 2013 Annual Operating Plan (2013 AOP) for Colorado River Reservoirs. In the 2013 AOP, it notes that this year is tied for number two of the worst ten years of hydrology. That was taken into account in the development of 2013 AOP. The 2013 AOP is posted on Reclamation's Lower Colorado Region webpage at: <http://www.usbr.gov/lc/region/g4000/aop/AOP13.pdf>.

Status of the Lower Colorado Water Supply Project

Ms. Trujillo reported that the Lower Colorado Water Supply Project (LCWSP) was authorized by Congress in 1986. The City of Needles has the master contract with Reclamation for the water rights for the project and then subcontracts with all of the small, individual users to receive water through the LCWSP project. In 2005, the program was expanded, via federal legislation, to allow MWD to participate and receive the additional water through the project. Reclamation held a meeting on January 24th to update stakeholders on Phase II of the project. Phase II was initiated in 2010 and is currently about 40 percent complete. Phase II consists of drilling two additional wells, and includes a Supervisory Control and Data Acquisition system for the wells of the LCWSP system. The project is authorized to pump up to 10,000 acre-feet per year. Reclamation reported that the preliminary design/planning process phase was going to cost about \$320,000 dollars. Reclamation is in the process of determining a more precise estimate of the cost of the next phases of work. The LCWSP is an important component of California's water supply that primarily covers small water users along the river without an authorized use, or who have an insufficient authorization.

There were questions raised at the meeting about the project's current production rate and funding. The project is currently producing between 3,800 and 6,300 acre feet. There have been operational problems with the wells because they are not performing to the expected capacity. Reclamation provides no funding for the program; it is completely self-funded by the project participants. Participants in the program pay an annual fee per acre-foot into a trust fund that the City of Needles maintains.

Ms. Trujillo reported that there were several ongoing solar projects that are being developed in connection with BLM's and the state of California's renewable energy initiatives. Some of those projects do not have water rights and the Board will be monitoring and tracking them to determine what the sources of water will be used for those projects.

The Board currently has two applications before it requesting approval of a total of four acre-feet of water per year for domestic use. Upon the motion of Mr. Kuiper, seconded by Mr. Wright, and unanimously carried, the Board approved the two applications for a total of four acre-feet per year.

Ms. Jones asked if there was a similar program in any of the other Lower Basin States, namely Arizona. Ms. Trujillo reported that she has not heard of one.

Status of the Glen Canyon Dam Adaptive Management Work Group Meeting and the Status of the Long-Term Experimental and Management Plan

Ms. Trujillo reported that the Glen Canyon Adaptive Management Work Group (AMWG) meet on February 20-21, 2013 in Tempe, Arizona. Ms. Trujillo reported that the primary purpose of the AMWG is to provide recommendations to the Secretary of the Interior relating to management of the Grand Canyon. Reclamation provided updates on the Basin hydrology, and the preliminary results of the recent High Flow Experiment (HFE). The purpose of the HFE was to build beaches for recreation use, and to track impacts on the native fish species in the area, especially endangered species. The states have combined efforts to present a proposal for the Long-Term Experimental and Management Plan environmental impact

statement (LTEMP-EIS) process that is underway at the Department of the Interior (DOI). There has been ongoing communication between the states' scientists and DOI regarding the elements that the states are proposing. The states' concern is that the operational criteria the states agreed to in the 2007 Record of Decision must be preserved. There has been continued discussion among the stakeholders, Reclamation, the National Park Service (NPS), and the Basin States on refining the states' proposal as Reclamation and the NPS develop their process to develop the final alternative, and is expected in December.

Ms. Trujillo reported that on the afternoon of February 21st, the Central Arizona Project hosted a tour for participants of some of their facilities.

Salinity Control Workgroup Meeting

Ms. Trujillo reported that the Salinity Control Workgroup (Workgroup) met in San Diego, February 11-13, 2013. The Workgroup heard reports on the status of the Paradox Valley Salinity Control Unit (PVU) EIS, an activity the Board is monitoring, and the U.S Department of Agriculture Research Service (ARS) briefed the Workgroup on the status of the "Rangeland Study". The "Rangeland Study" is a cooperative effort among the U.S. Department of Agriculture, the U.S. Geological Survey (USGS), and Reclamation to look at potential areas where additional salinity control projects may be possible on federal rangeland areas. The "Rangeland Study" is currently at the literature review phase of references relative to salt mobilization and transport on rangelands. The next phase consists of a synthesis performed by BLM, USGS and Reclamation, and a draft is expected to be available in a couple of months.

Ms. Lindia Liu reported that the Board agreed to be a cooperating agency in the PVU EIS process. Reclamation recommended each of the states within both the Upper and Lower Basins agree to be cooperating agencies for the PVU EIS so that open discussions can be held at the Workgroup and Forum meetings.

Ms. Trujillo reported that members of the Workgroup were asked to prepare testimony in support of federal appropriations for the Salinity Control Program. She added that the next scheduled meeting of the Salinity Control Forum and Advisory Council meeting is on May 16-17, 2013 in Grand Junction, Colorado.

Basin States Discussion

Status of the Bi-National Discussions

Ms. Trujillo reported that a binational meeting to begin implementation of Minute 319 was held on March 7 in Tijuana, Mexico. California was well represented with staff from IID, MWD, San Diego County Water Authority (SDCWA), and the Board. There was a large contingent from Mexico, as part of Mexico's effort to involve more stakeholders in ongoing activities. Mexico gave updates on several of the projects they are particularly interested in moving forward on. Small groups have been formed as part of the binational process to continue discussions on Mexico's projects. The All-American Canal turn-out was one of the options where IID was particularly active in continuing discussions. Reports were heard on the potential to develop a regulating reservoir at the Alamo Canal, as well as updates on the restoration projects, the Miguel Aleman Project and the Laguna Grande Project. Tree planting and habitat

restoration are underway. Mexico will be using funding from the Minute 319 agreement to purchase water rights for the restored habitat sites and to facilitate restoration work. An update on the Rosarito Desalination proposal, in which SDCWA has been active for several years, was heard. Discussions on developing the accounting procedures for Mexico's Environmental Pilot Program intended to restore periodic pulse flows as well as a base flow through the delta areas, are tentatively scheduled for next week in Tijuana, Mexico.

Status of the Colorado River Basin Water Supply and Demand Study Report

Ms. Trujillo reported that Reclamation has scheduled three educational workshops on the Colorado River Basin Water Supply and Demand Study Report in: 1) Salt Lake City, Utah on March 25th; 2) Phoenix, Arizona on March 26th; and 3) a Webinar session on April 3rd. Reclamation is forming small work groups to address Municipal Conservation and Reuse and Agricultural Conservation and Transfers.

OTHER BUSINESS

Ms. Trujillo reported that Friday, March 14th the annual Colorado River Law of the River Continuing Legal Education Seminars is being held in Las Vegas, NV. She added that Mr. Hasencamp was one of the organizers of the event. Ms. Trujillo reported that on March 13th the International Boundary and Water Commission scheduled a stakeholders meeting relating to the binational water issues and issues relating to Minute 319.

Next Board Meeting

Chairman Fisher announced that the next meeting of the Colorado River Board will be held on Wednesday, April 10, 2013, at 10:00 a.m., at the Holiday Inn Ontario Airport, 2155 East Convention Center Way, Ontario, California.

There being no further items to be brought before the Board, Chairman Fisher asked for a motion to adjourn the meeting. Upon the motion of Mr. Kuiper, seconded by Mr. Wright, and unanimously carried, the meeting was adjourned 11:18 a.m. on March 13, 2013.

Tanya M. Trujillo
Executive Director

4.a. - Colorado River Water Report

**SUMMARY WATER REPORT
COLORADO RIVER BASIN
April 1, 2013**

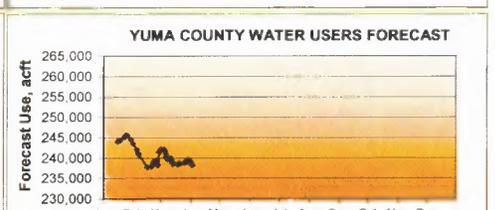
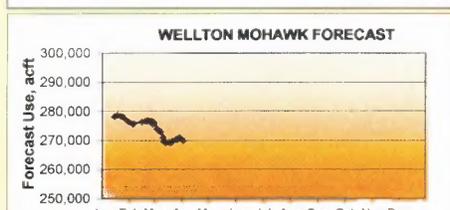
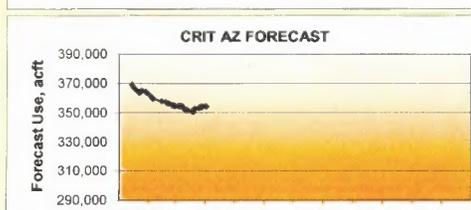
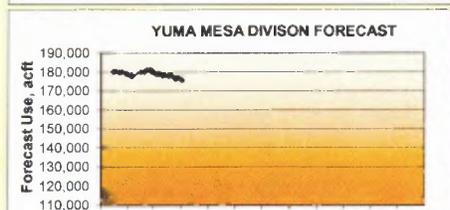
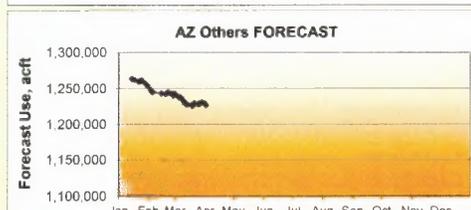
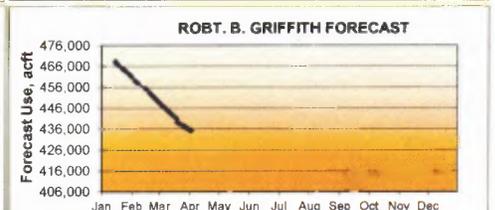
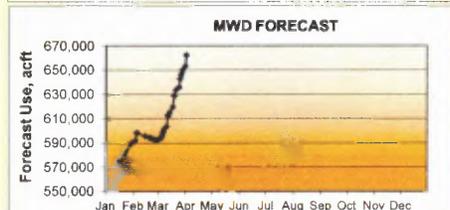
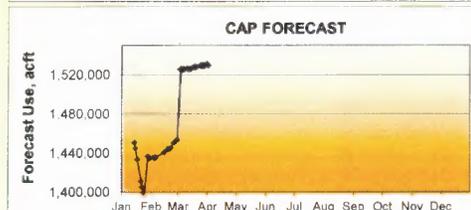
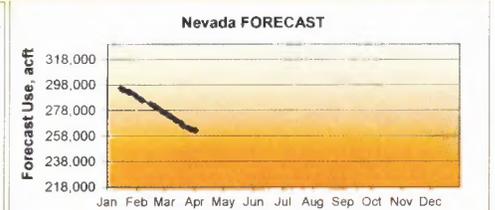
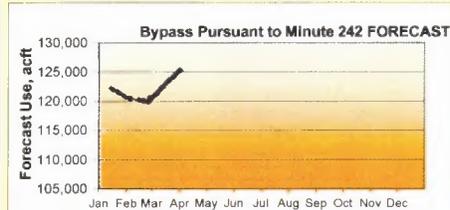
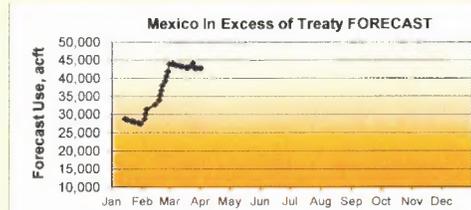
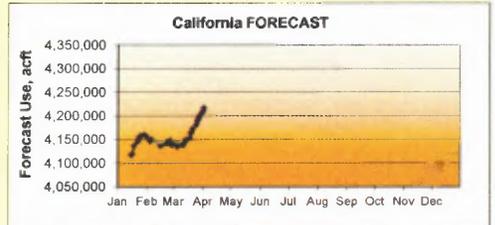
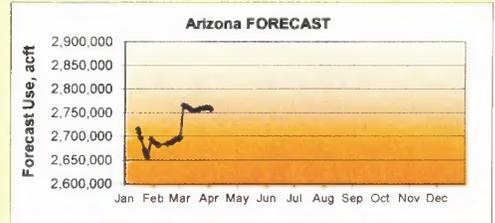
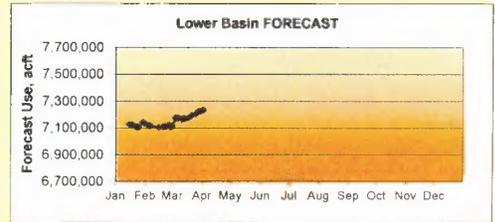
RESERVOIR STORAGE (as of March 31)	April 1, 2013			March 1, 2013		
	MAF	ELEV. IN FEET	% of Capacity	MAF	ELEV. IN FEET	% of Capacity
Lake Powell	11.651	3,599.0	48	11.891	3,601.5	49
Flaming Gorge	2.986	6,020.2	80	2.967	6,019.6	79
Navajo	0.934	6,022.4	55	0.938	6,022.7	55
Lake Mead	13.465	1,118.6	52	13.810	1,122.1	53
Lake Mohave	1.673	642.1	92	1.666	641.8	92
Lake Havasu	0.572	447.6	92	0.582	448.1	94
Total System Storage	31.866		53	32.443		54
System Storage Last Year	37.561		63	37.935		64

		<u>March 1, 2013</u>
WY 2013 Precipitation (Basin Weighted Avg) 10/01/12 through 4/01/13	74 percent (13.3")	75 percent (11.5")
WY 2013 Current Basin Snowpack (Basin Weighted Avg) on day of 4/01/13 (Above two values based on average of data from 116 sites.)	73 percent (11.4")	79 percent (10.4")
		<u>February 19, 2013</u>
March 18, 2013 Forecast of Unregulated Lake Powell Inflow	MAF % of Normal	MAF % of Avg.
2013 April through July unregulated inflow	3.300 46 %	3.750 52%
2013 Water Year	5.227 48 %	5.735 53%

ARIZONA, CALIFORNIA, NEVADA, MEXICO
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS /1
(ACRE-FEET)

WATER USE SUMMARY	Use To Date CY2013	Forecast Use CY2013	Approved Use /2 CY2013	Excess to Approval CY2013
ARIZONA	606,192	2,757,646	2,799,391	-41,745
CALIFORNIA	853,949	4,217,518	4,112,917	104,601
NEVADA	27,547	262,549	300,000	-37,451
STATES TOTAL /3	1,487,688	7,237,713	7,212,308	25,405
MEXICO IN SATISFACTION OF TREATY (Including downward deliv TO MEXICO AS SCHEDULED)	492,898	1,542,976	1,500,000	42,976
MEXICO IN EXCESS OF TREATY	472,339	1,500,000		
BYPASS PURSUANT TO MINUTE 242	29,138	125,309		
TOTAL LOWER BASIN & MEXICO	2,009,724	8,905,998		

1/ Incorporates Jan-Jan USGS monthly data and 77 daily reporting stations which may be revised after provisional data reports are distributed by the USGS. Use to date estimated for users reporting monthly and annually.
2/ These values reflect adjusted apportionments. See Adjusted Apportionment calculation on each state page.
3/ Includes unmeasured returns based on estimated consumptive use/diversion ratios by user from studies provided by Arizona Dept. of Water Resources, Colorado River Board of California, and Reclamation.



Graph notes: Jan 1 forecast use is scheduled use in accordance with the Annual Operating Plan's state entitlements, available unused entitlements, and over-run paybacks. A downward sloping line indicates use at a lower rate than scheduled, upward sloping is above schedule, and a flat line indicates a use rate equal to schedule. Lower priority users such as CAP, MWD, and Robt.B.Griffith may adjust use rates to meet state entitlements as higher priority use deviates from schedule. Abrupt changes in the forecast use line may be due to a diversion schedule change or monthly updating of provisional realtime diversions.

NOTE:

- Diversions and uses that are pending approval are noted in *red italics*.
- Water users with a consumptive use entitlement - **Excess to Estimated Use** column indicates overrun/underun of entitlement. Dash in this column indicates water user has a diversion entitlement.
- Water user with a diversion entitlement - **Excess to Approved Diversion** column indicates overrun/underun of entitlement. Dash in this column indicates water user has a consumptive use entitlement.

CALIFORNIA WATER USERS
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS

[California Schedules and Approvals](#)
[Historic Use Records \(Water Accounting Reports\)](#)

WATER USER	Use To Date CY2013	Forecast Use CY2013	Estimated Use CY2013	Excess to Estimated Use CY2013	Diversion To Date CY2013	Forecast Diversion CY2013	Approved Diversion CY2013	Excess To Approved Diversion CY2013
CALIFORNIA PUMPERS	391	1,725	1,725	---	707	3,119	3,119	0
FORT MOJAVE INDIAN RESERVATION, CA	1,481	8,446	8,910	---	2,753	15,701	16,565	-864
CITY OF NEEDLES (includes LCWSP use)	438	1,931	1,931	0	617	2,720	2,720	0
METROPOLITAN WATER DISTRICT	165,273	662,687	563,511	---	166,037	666,240	<i>566,615</i>	---
COLORADO RIVER INDIAN RESERVATION, CA	840	3,705	3,705	---	2,119	9,345	9,345	0
PALO VERDE IRRIGATION DISTRICT	67,284	448,517	437,084	---	180,291	962,686	947,155	15,531
YUMA PROJECT RESERVATION DIVISION	9,592	45,799	47,023	---	19,144	95,380	99,900	-4,520
YUMA PROJECT RESERVATION DIVISION - INDIAN UNIT	---	---	---	---	9,053	46,141	48,600	-2,459
YUMA PROJECT RESERVATION DIVISION - BARD UNIT	---	---	---	---	10,091	49,237	51,300	-2,063
YUMA ISLAND PUMPERS	872	3,845	3,845	---	1,576	6,950	6,950	0
FORT YUMA INDIAN RESERVATION - RANCH 5	0	966	1,046	---	0	1,746	1,891	-145
IMPERIAL IRRIGATION DISTRICT	539,758	2,628,469	2,626,340	2,129	547,501	2,724,594	<i>2,731,917</i>	---
SALTON SEA SALINITY MANAGEMENT	5,119	70,000	70,000	0	5,317	72,270	72,270	---
COACHELLA VALLEY WATER DISTRICT	62,765	340,632	347,000	-6,368	63,713	349,639	361,165	---
OTHER LCWSP CONTRACTORS	136	599	599	---	219	967	967	0
CITY OF WINTERHAVEN	0	69	69	---	0	104	104	0
CHEMEHUEVI INDIAN RESERVATION	0	128	6,101	---	2,572	11,340	11,340	0
TOTAL CALIFORNIA	853,949	4,217,518			1,011,710	4,922,801	4,832,023	
FORT YUMA INDIAN RESERVATION /1	---	---	---	---	9,752	51,006	53,610	-2,604

CALIFORNIA ADJUSTED APPORTIONMENT CALCULATION

California Basic Apportionment	4,400,000
Payback of IOPP Overrun (IID, Ft Mojave)	-62,083
Intentionally Created Surplus Water (IID)	-25,000
Creation of Extraordinary Conservation ICS (MWD)	-200,000
Total State Adjusted Apportionment	4,112,917
Excess to Total State Adjusted Apportionment	104,601

ISG ANNUAL TARGET COMPARISON CALCULATION

Priorities 1, 2, 3b Use (PVID+YPRD+Island+PVID Mesa)	498,161
MWD Adjustment	-78,161
Total California Agricultural Use (PVID+YPRD+Island+IID+CVWD)	3,467,262
California Agricultural Paybacks	-62,000
Misc. PPRs Covered by IID and CVWD	14,500
California ICS Creation (IID ICS)	25,000
Total Use for Target Comparison ²	3,366,601
ISG Annual Target (Exhibit B)	3,462,000
Amount over/(under) ISG Annual Target	(95,399)

NOTES:

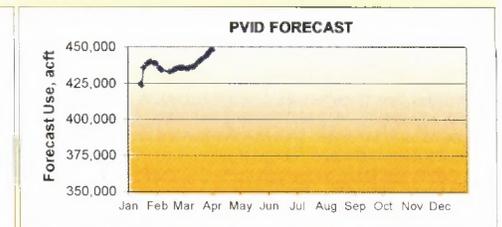
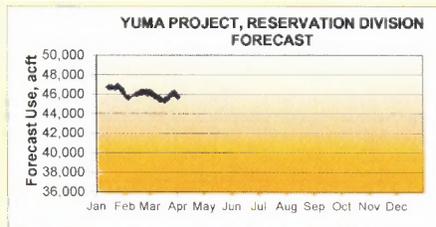
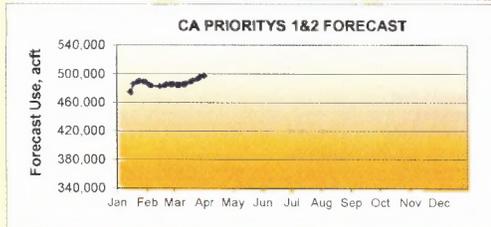
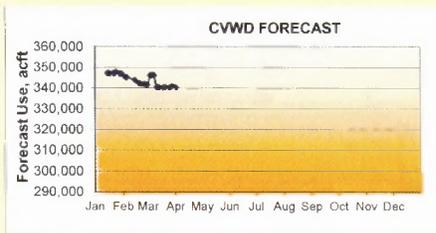
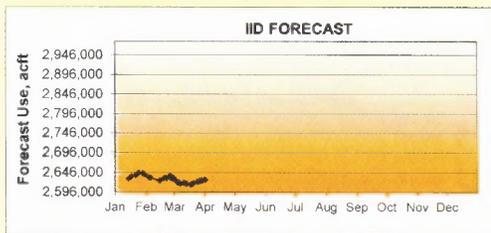
Ranch 5

Yuma Island assumed to be included in Priority 2.

Click on California Schedules and Approvals above for incoming diversion schedules and approvals.

1/ Fort Yuma Indian Reservation includes Yuma Project Reservation Division Indian Unit, Ranch 5, an estimate of domestic use and pumpers.

2/ Includes MWD Adjustment, California Agricultural Use and Paybacks, IID-CVWD covered PPRs, and taking out the MWD-CVWD Exchange



U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
PROVISIONAL CY2013

NOTE:

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- Water user with a diversion entitlement - **Excess to Approved Diversion** column indicates overrun/underrun of entitlement. Dash in this column indicates water user has a consumptive use entitlement.

ARIZONA WATER USERS

FORECAST OF END OF YEAR CONSUMPTIVE USE

FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS

[Arizona Schedules and Approvals](#)[Historic Use Records \(Water Accounting Reports\)](#)

WATER USER	Use To Date CY2013	Forecast Use CY2013	Estimated Use CY2013	Excess to Estimated Use CY2013	Diversion To Date CY2013	Forecast Diversion CY2013	Approved Diversion CY2013	Excess to Approved Diversion CY2013
ARIZONA PUMPERS	3,905	17,220	17,220	---	6,048	26,666	26,666	0
LAKE MEAD NATIONAL RECREATION AREA, AZ	207	491	299	---	12	296	299	-3
DAVIS DAM PROJECT	0	2	2	---	12	54	54	0
BULLHEAD CITY	421	8,367	8,522	---	628	12,488	12,720	-232
MOHAVE WATER CONSERVATION	112	494	494	---	167	738	738	0
BROOKE WATER LLC	48	212	212	---	72	317	317	0
MOHAVE VALLEY IDD	436	21,874	22,410	---	628	40,328	41,500	-1,172
FORT MOJAVE INDIAN RESERVATION, AZ	7,708	43,410	43,740	---	14,275	80,389	81,000	-611
GOLDEN SHORES WATER CONSERVATION DISTRICT	54	239	239	---	81	357	357	0
HAVASU NATIONAL WILDLIFE REFUGE	285	3,169	3,169	0	2,366	36,232	41,820	-5,588
LAKE HAVASU CITY	504	9,029	9,114	---	813	14,563	14,700	-137
CENTRAL ARIZONA PROJECT	410,936	1,530,335	---	---	410,936	1,530,335	---	---
TOWN OF PARKER	14	349	357	-8	50	929	935	-6
COLORADO RIVER INDIAN RESERVATION, AZ	42,657	354,499	364,321	---	105,266	643,856	662,402	-18,546
EHRENBURG IMPROVEMENT ASSOCIATION	56	245	245	---	78	343	343	0
CIBOLA VALLEY IRRIGATION DISTRICT	4,207	18,552	18,552	---	5,885	25,947	25,947	0
CIBOLA NATIONAL WILDLIFE REFUGE	2,798	12,338	12,338	0	4,513	19,900	19,900	0
IMPERIAL NATIONAL WILDLIFE REFUGE	594	2,619	2,619	0	958	4,224	4,224	0
YUMA PROVING GROUND	27	510	504	---	27	510	504	6
GILA MONSTER FARMS	1,365	5,151	5,244	---	2,258	8,977	9,156	-179
WELLTON MOHAWK IDD	43,261	269,970	278,000	-8,031	74,183	417,932	424,997	---
CITY OF YUMA	1,883	13,649	15,463	-1,814	4,115	22,720	24,736	-2,016
MARINE CORPS AIR STATION YUMA	195	1,593	1,718	---	195	1,593	1,718	-125
UNION PACIFIC RAILROAD	2	29	29	---	4	48	48	0
YUMA MESA FRUIT GROWERS ASSOCIATION	0	0	0	---	0	0	0	0
UNIVERSITY OF ARIZONA	44	538	536	---	44	538	536	2
YUMA UNION HIGH SCHOOL DISTRICT	10	156	150	---	13	208	200	8
YUMA MESA FRUIT COMPANY	0	0	0	---	0	0	0	0
DESERT LAWN MEMORIAL	0	46	46	---	0	65	66	-1
NORTH GILA VALLEY IDD	2,183	11,917	12,992	---	8,728	50,406	53,200	-2,794
YUMA IRRIGATION DISTRICT	8,155	40,982	43,042	---	13,784	73,319	76,800	-3,481
YUMA MESA IDD	22,682	122,838	121,171	---	32,956	213,032	223,490	-10,458
UNIT "B" IRRIGATION DISTRICT	3,432	20,651	20,364	---	4,262	31,417	33,250	-1,833
FORT YUMA INDIAN RESERVATION	314	1,385	1,501	---	524	2,309	2,309	0
YUMA COUNTY WATER USERS' ASSOCIATION	47,035	238,339	244,372	---	83,481	384,948	388,000	-3,052
COCOPAH INDIAN RESERVATION	606	6,202	6,595	---	925	9,456	10,050	-594
RECLAMATION-YUMA AREA OFFICE	56	247	247	---	56	247	247	0
RETURN FROM SOUTH GILA WELLS	0	0	0	---	---	---	---	---
TOTAL ARIZONA	606,192	2,757,646	2,785,157		778,343	3,655,686	3,713,900	
CAP	410,936	1,530,335				1,530,335		
ALL OTHERS	195,256	1,227,311	1,255,828			2,125,351	2,183,229	
YUMA MESA DIVISION, GILA PROJECT	33,020	175,737	250,000	-74,263		336,757		

ARIZONA ADJUSTED APPORTIONMENT CALCULATION

Arizona Basic Apportionment	2,800,000
Payback of IOPP overruns - (Cocopah and Beattie)	-609
Total State Adjusted Apportionment	2,799,391
Excess to Total State Adjusted Apportionment	-41,745

Estimated Allowable Use for CAP 1,574,242

NOTES:

Click on Arizona Schedules and Approvals above for incoming diversion schedules and approvals.

04/02/13

U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
PROVISIONAL CY2013

NOTE:

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NEVADA WATER USERS
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS
[Nevada Schedules and Approvals](#)
[Historic Use Records \(Water Accounting Reports\)](#)

WATER USER	Use To Date CY2013	Forecast Use CY2013	Estimated Use CY2013	Excess to Estimated Use CY2013	Diversion To Date CY2013	Forecast Diversion CY2013	Approved Diversion CY2013	Excess To Approved Diversion CY2013
ROBERT B. GRIFFITH WATER PROJECT (SNWS)	80,913	435,600	473,444	-37,844	80,913	435,600	<i>473,444</i>	-37,844
LAKE MEAD NATIONAL RECREATION AREA, NV.	35	762	792	---	35	762	<i>792</i>	-30
BASIC MANAGEMENT INC.	395	7,998	8,208	---	395	7,998	<i>8,208</i>	-210
CITY OF HENDERSON (BMI DELIVERY)	734	15,979	15,878	---	734	15,979	<i>15,878</i>	101
CITY OF BOULDER CITY AT HOOVER DAM	0	0	0	---	0	0	0	0
NEVADA STATE DEPT. OF FISH & GAME	1	12	12	0	25	133	<i>117</i>	---
PACIFIC COAST BUILDING PRODUCTS INC.	57	919	928	---	57	919	<i>928</i>	-9
BOULDER CANYON PROJECT	9	41	41	---	16	72	<i>72</i>	0
SOUTHERN CALIFORNIA EDISON	0	0	0	0	0	0	0	0
BIG BEND WATER DISTRICT	126	2,067	2,061	---	274	4,946	<i>4,961</i>	-15
BIG BEND CONSERVATION AREA	0	0	0	---	0	0	0	---
FORT MOJAVE INDIAN TRIBE	375	3,513	3,752	---	561	5,600	5,600	0
LAS VEGAS WASH RETURN FLOWS	-55,098	-204,342	-205,116	---				
TOTAL NEVADA	27,547	262,549	300,000	-37,451	83,010	472,009	510,000	-38,007
SOUTHERN NEVADA WATER SYSTEM (SNWS)	25,815	231,258				435,600		
ALL OTHERS	1,732	31,291				36,409		
NEVADA USES ABOVE HOOVER	27,046	256,969				461,463		
NEVADA USES BELOW HOOVER	501	5,580				10,546		
Tributary Conservation & Imported Intentionally Created Surplus								
Total Requested Tributary Conservation Intentionally Created Surplus							<i>37,000</i>	
Total Requested Imported Conservation Intentionally Created Surplu							<i>9,000</i>	
5% System Cut for Creation of Intentionally Created Surplus							-2,300	
Total Intentionally Created Surplus Left in Lake Mead							43,700	
NEVADA ADJUSTED APPORTIONMENT CALCULATION								
Nevada Basic Apportionment			300,000					
Excess to Total State Adjusted Apportionment			-37,451					

NOTES:

Click on Nevada Schedules and Approvals above for incoming diversion schedules and approvals.

Figure 1. Total Colorado River Basin Storage as of April 2013

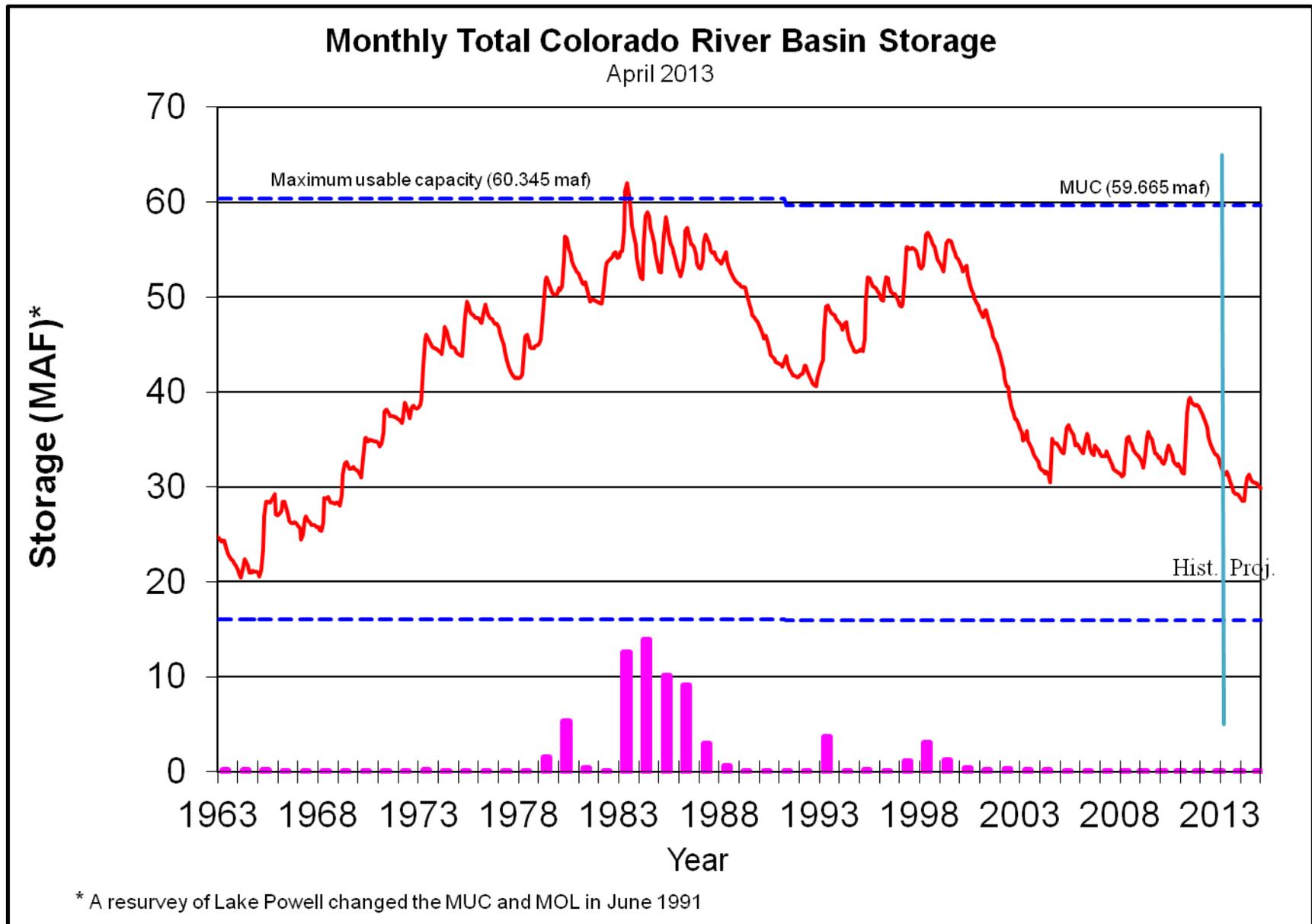


Figure 2. Lakes Powell and Mead Monthly Pool Elevation Levels

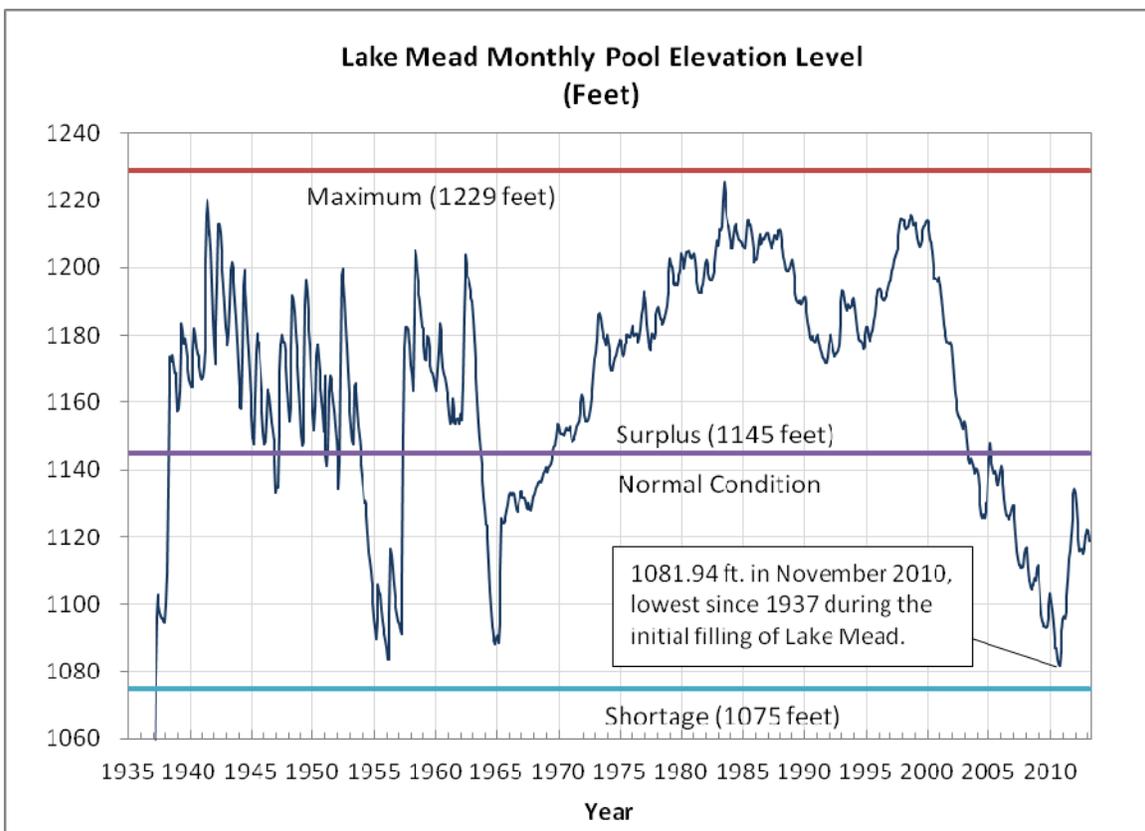
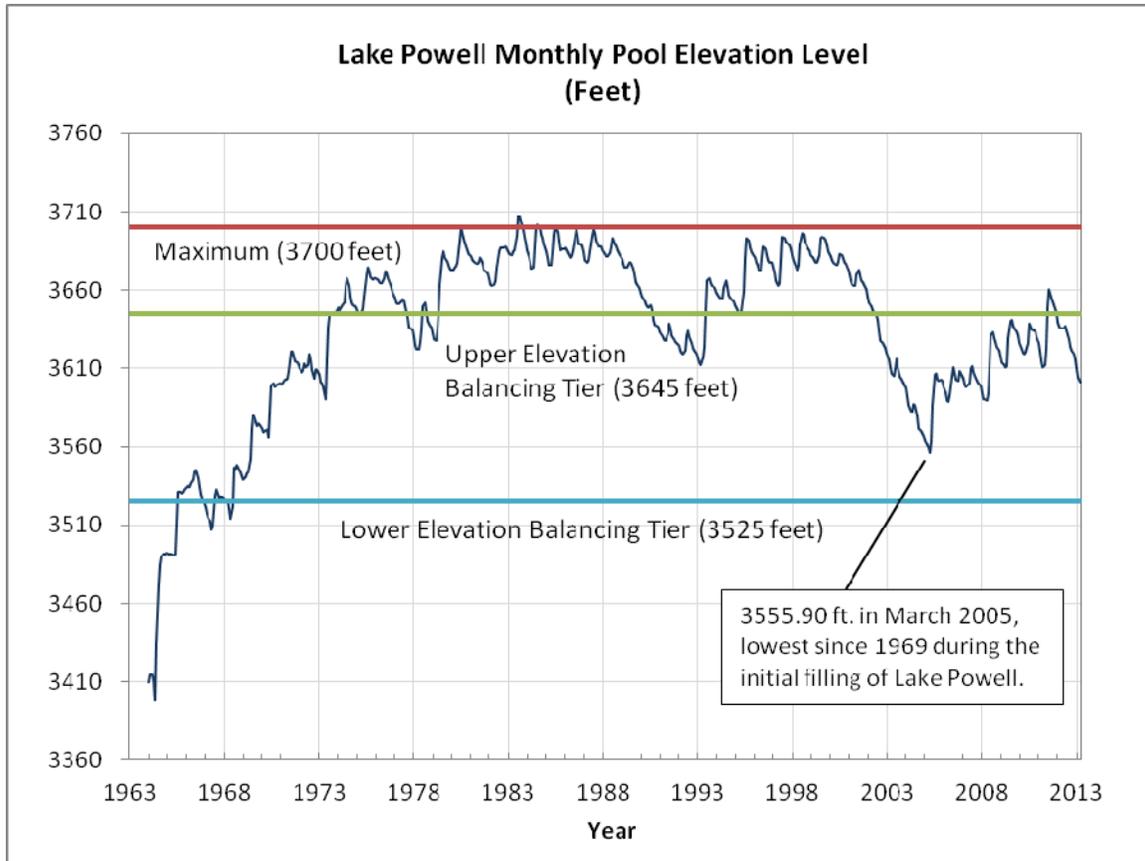


Figure 4. NOAA National Weather Service Monthly Precipitation Maps for February and March 2013

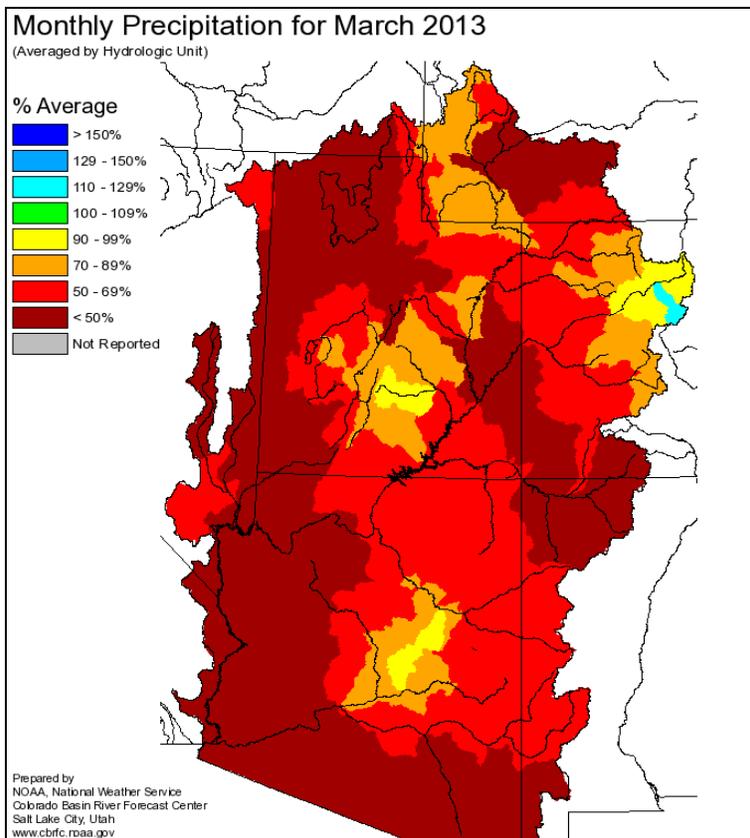
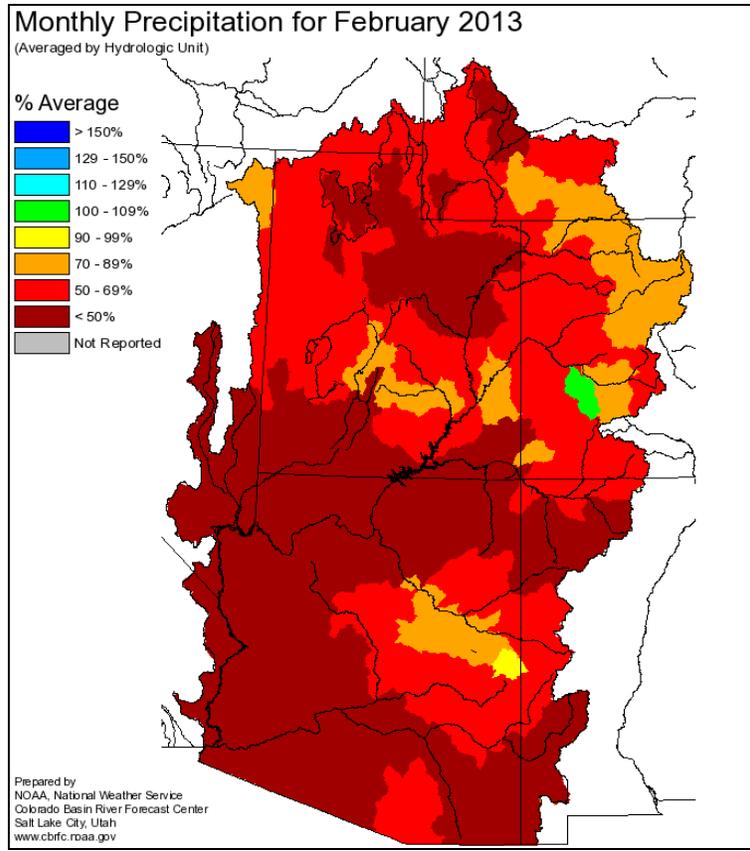
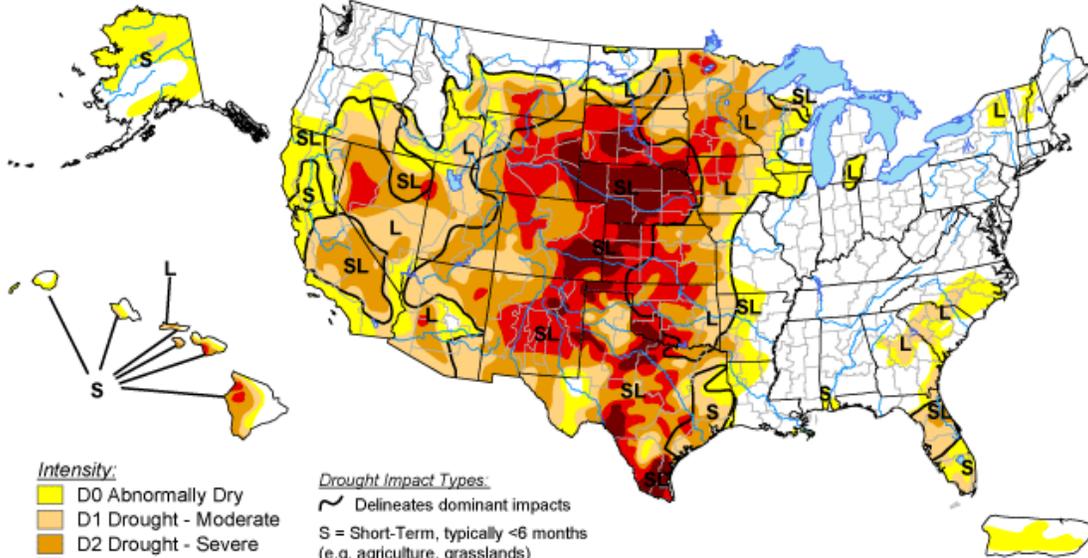


Figure 5. USDA United States Drought Monitor Map

U.S. Drought Monitor

March 26, 2013
Valid 7 a.m. EDT



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Drought Impact Types:

- Delineates dominant impacts
- S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
- L = Long-Term, typically >6 months (e.g. hydrology, ecology)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu/>



Released Thursday, March 28, 2013
Author: Anthony Artusa, NOAA/NWS/NCEP/CPC

U.S. Drought Monitor

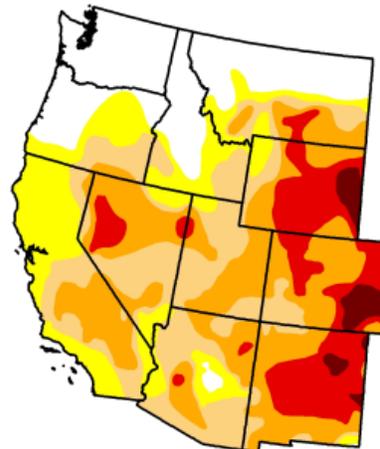
March 26, 2013
Valid 7 a.m. EST

West

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	19.44	80.56	63.42	41.27	15.54	2.49
Last Week (03/19/2013 map)	22.56	77.44	63.05	41.15	15.72	3.13
3 Months Ago (12/25/2012 map)	24.28	75.72	69.42	45.80	18.83	2.15
Start of Calendar Year (01/01/2013 map)	24.39	75.61	69.31	45.04	18.01	2.15
Start of Water Year (09/25/2012 map)	15.12	84.88	77.15	43.65	16.85	1.77
One Year Ago (03/20/2012 map)	38.04	61.96	47.33	22.70	3.39	0.94

Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
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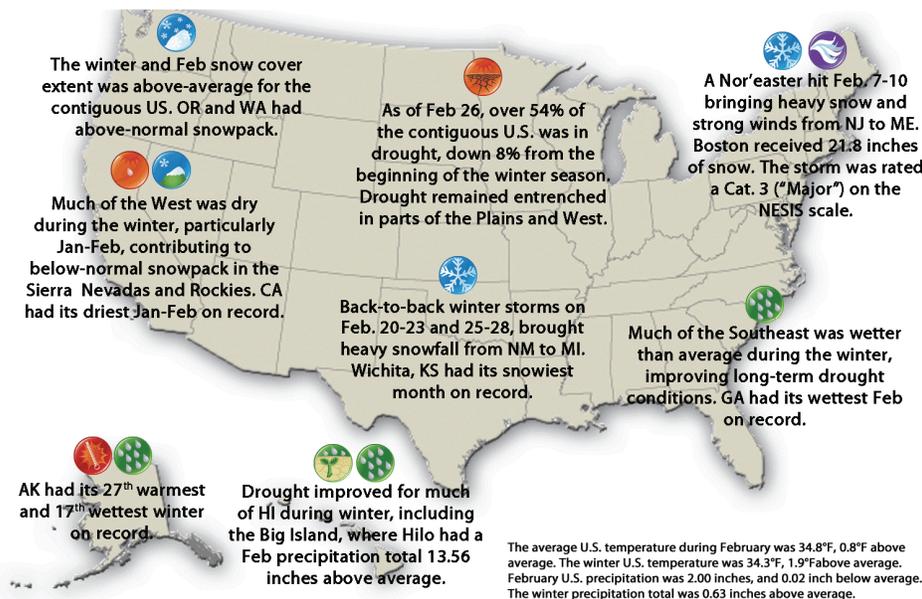
<http://droughtmonitor.unl.edu>



Released Thursday, March 28, 2013
Anthony Artusa, NOAA/NWS/NCEP/Climate Prediction Center

National Outlook — Significant Events for Winter 2012-13

Drought continues, likely through spring, for West



Central US:

- **Ninety-one percent** of the High Plains region was still in **moderate to exceptional drought** at the end of the winter, compared to 93 percent at the beginning of the season.

Southern Great Plains:

- Beneficial winter precipitation has dropped exceptional and extreme drought coverage in Oklahoma **from 91 to 62 percent** since Jan 1.

Alaska:

- Juneau Airport received **less than half of normal snowfall** for January and February combined, impacting skiing in the area.

Guam/Northern Mariana Islands:

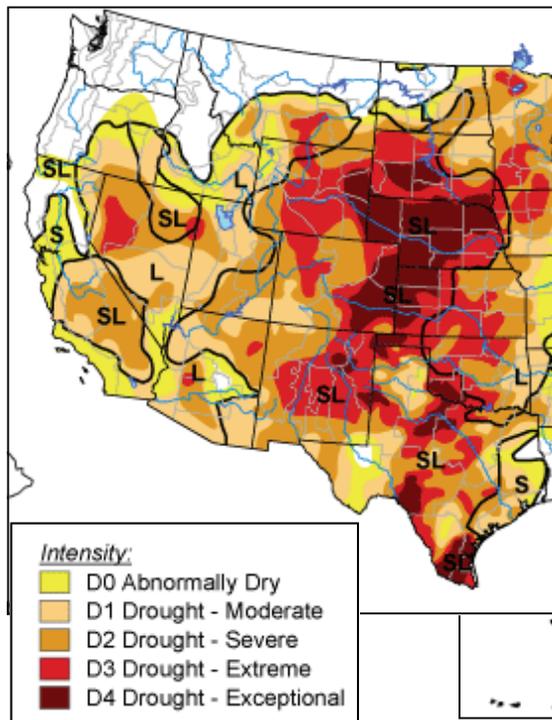
- Large **20' waves** hit the island this December, along with numerous fast-moving, trade-wind showers.

Western US:

- Low snowpack has put forecasts for April-July flows into Lake Powell at **47% of the long-term average**.

Drought and Temperature in the West — Climate Overview

Drought in the West



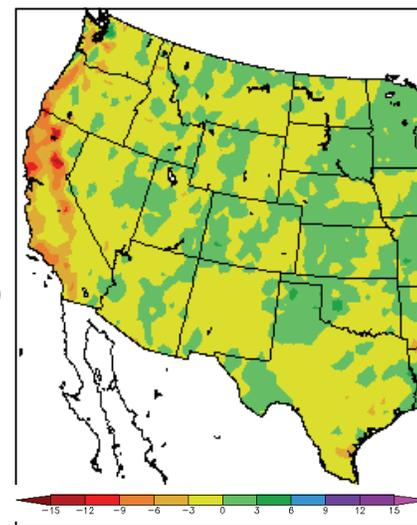
Left—US Drought Monitor: Most of the Plains remains in severe to exceptional drought going into the spring. While February storms did bring significant precipitation to Kansas, western Nebraska, and the eastern Dakotas the precipitation provided only short-term relief.

March 19, 2013. (droughtmonitor.unl.edu)

Right — Departure from Normal Precipitation: Winter precipitation was close to average for most of the West, with the Pacific Northwest as a notable exception— Jan.-Feb. 2013 were the driest on record for this two-month span in the area. (hprcc.unl.edu)

Departure from Normal Precip.

Dec. 1, 2012 — Feb. 28, 2013





Drought Preparedness — Federal Programs

Congress is considering the reauthorization of the National Integrated Drought Information System (NIDIS, in S.376) as well as the Reclamation States Emergency Drought Relief Act (H.R. 518). These programs provide early warning information and funding to plan for — and respond to — drought.



Basic Data

The sequester and general budget cuts threaten to dramatically reduce the amount of information available on water and precipitation monitoring. For example, the US Geological Survey (USGS) may discontinue up to 375 streamgages.



Water Resources Development Act

The new WRDA bill (S. 601) would provide funding for flood and drought monitoring in the Upper Missouri River Basin. The proposed WRDA bill also address extreme weather risk reduction and infrastructure funding.



Livestock Disaster Programs

Senate Bill 141 would extend and fund livestock disaster programs. Livestock producers were hit especially hard by the 2012 drought.



Emergency Watershed Protection and Wildfire

EWP, which supports land management and restoration in wildfire areas, received \$48.3 million for FY2013 through the Continuing Resolution.



Secretary of Agriculture Tom Vilsack (seated next to Chair of the Council on Environmental Quality, Nancy Sutley) introduces a regional Quarterly Climate Impacts and Outlook at a WGA breakfast meeting in Washington, D.C. on February 24.

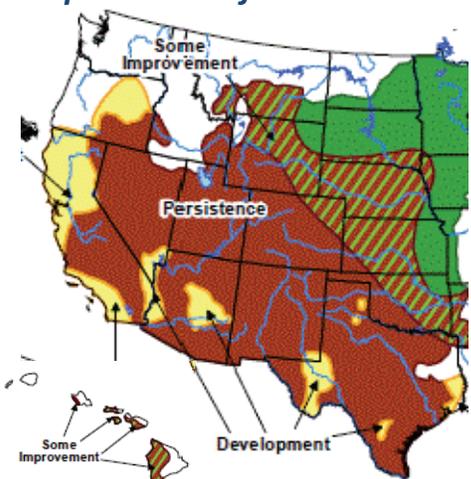


Continuing Resolution

The Continuing Resolution (CR) included significant measures for weather and climate preparedness, including a \$150 million increase in NOAA's funding for satellites, monitoring, and weather forecasting.

Regional Outlook and Impacts

Drought development likely for Nor. California, Improvement for Dakotas and Central Plains



Above: US Seasonal Drought Outlook; valid March 21 — June 30. (cpc.ncep.noaa.gov)

KEY:

- Drought to persist or intensify
- Drought ongoing, some improvement
- Drought likely to improve, impacts ease
- Drought development likely

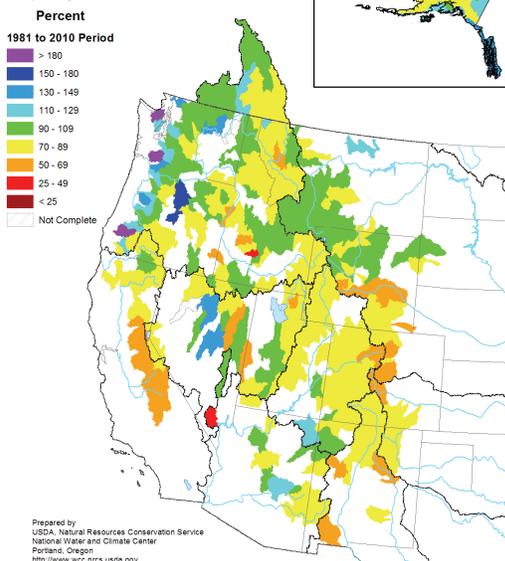
Projections between now and the end of June indicate that most of the West will remain in persistent drought, though some relief may come to the Plains states.

California will likely experience drought development in both the northern part of the state and the Los Angeles basin, largely due to one of the driest January-February periods on record in the Northern California mountains.

Low snowpack in Colorado River Basin

Mountain Snowpack as of March 1, 2013

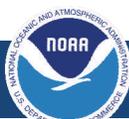
Manual snow course data are no longer available in some regions due to program decisions to meet reduced budgets. As a result, this map may have additional unrepresented areas and some regions may not be directly comparable to previous years.



Prepared by
USDA, Natural Resources Conservation Service
National Water and Climate Center
Portland, Oregon
<http://www.wcc.nrcs.usda.gov>

Snowpack in most of the Pacific Northwest and the Upper Missouri Basin is at average (green) or above-average (blue) levels. In the Colorado River Basin, however, much of the snowpack is below 89% of average, which may cause difficulties for areas with already-tapped reservoirs.

Map by the Natural Resources Conservation Service. (wcc.nrcs.usda.gov)

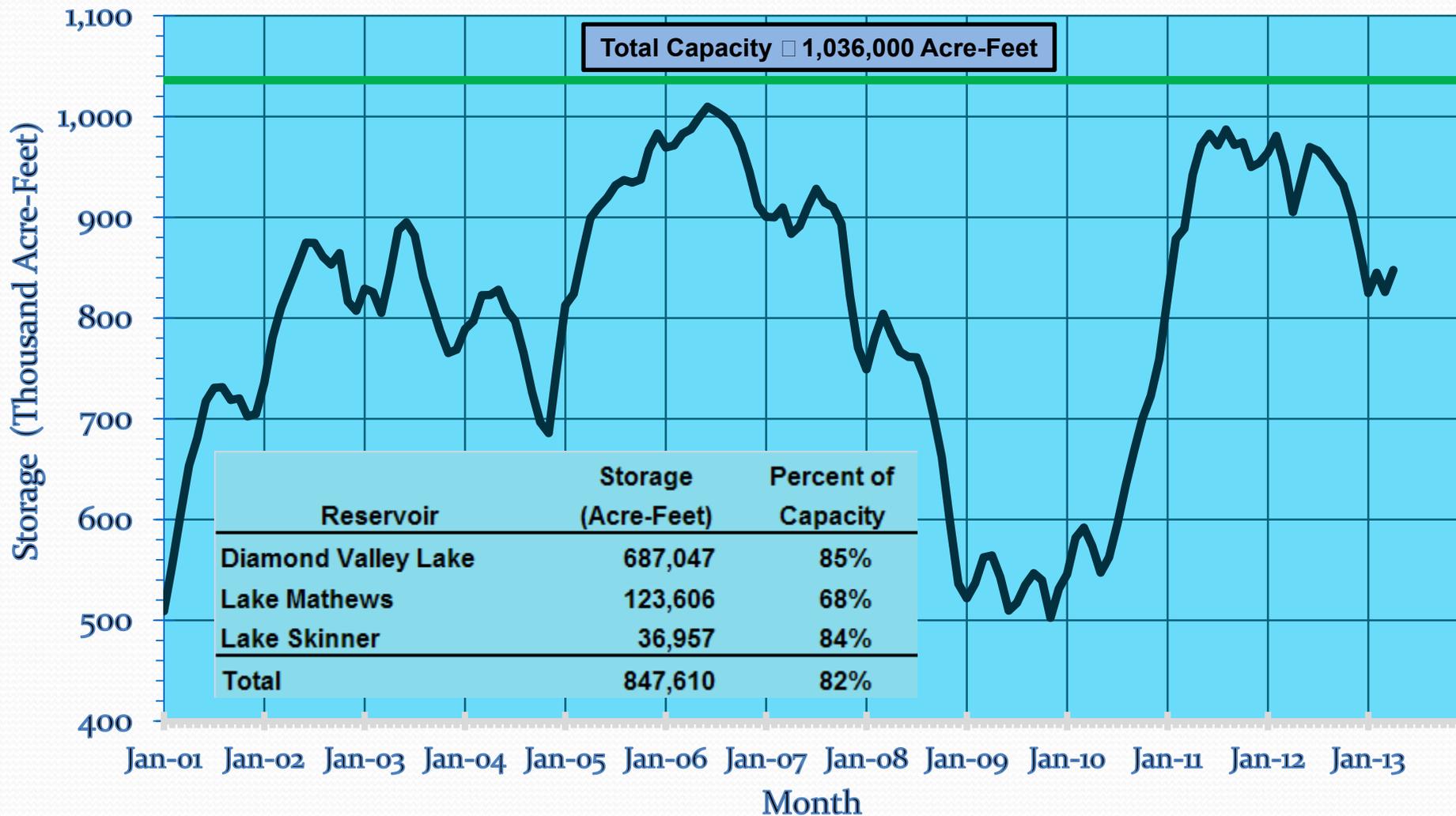


Western Governors' Association — Outlook Contact:
Carlee Brown (cbrown@westgov.org)

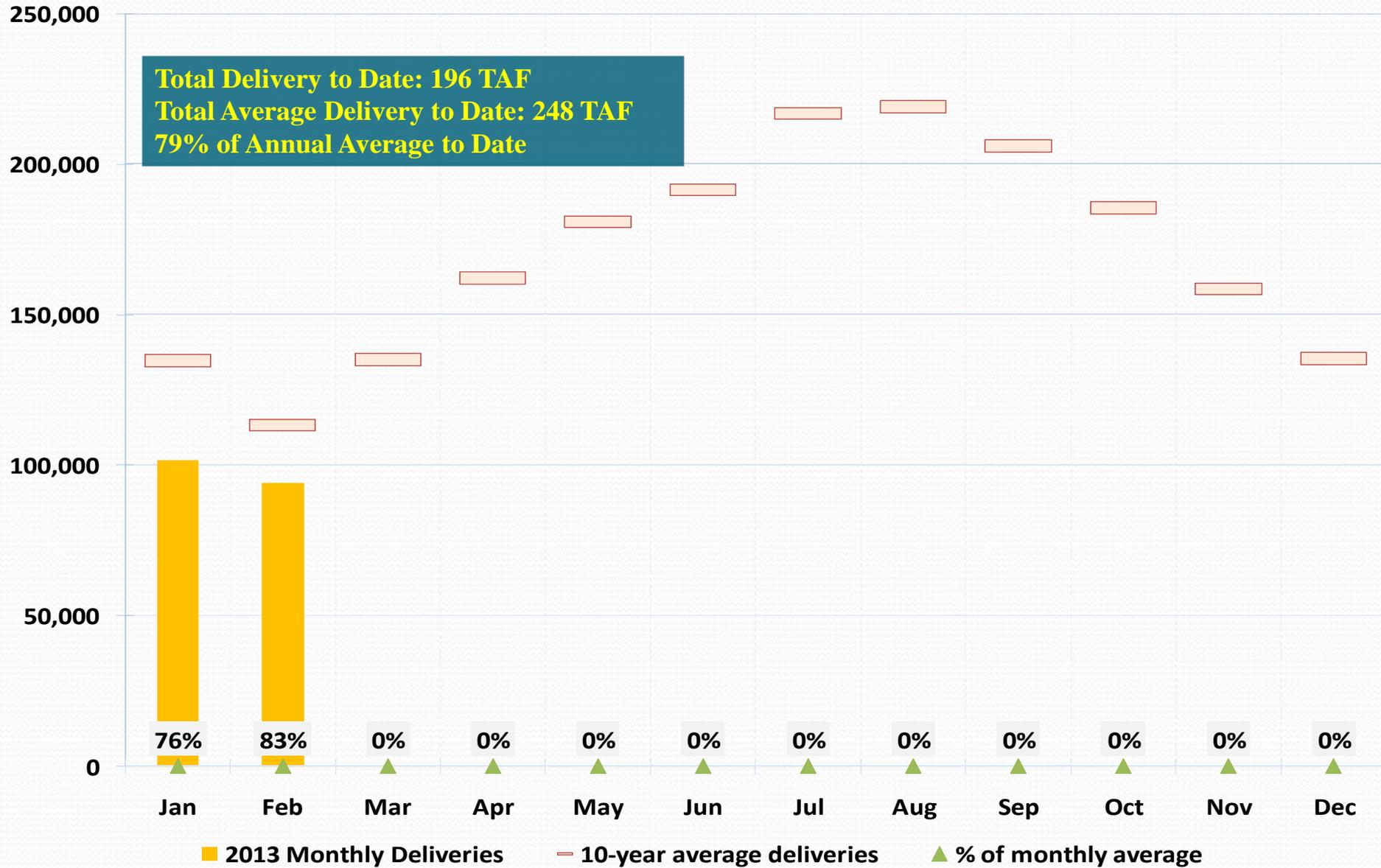
4.b. - State and Local Water Reports

MWD's Combined Reservoir Storage as of April 1, 2013

Lake Skinner, Lake Mathews, and Diamond Valley Lake

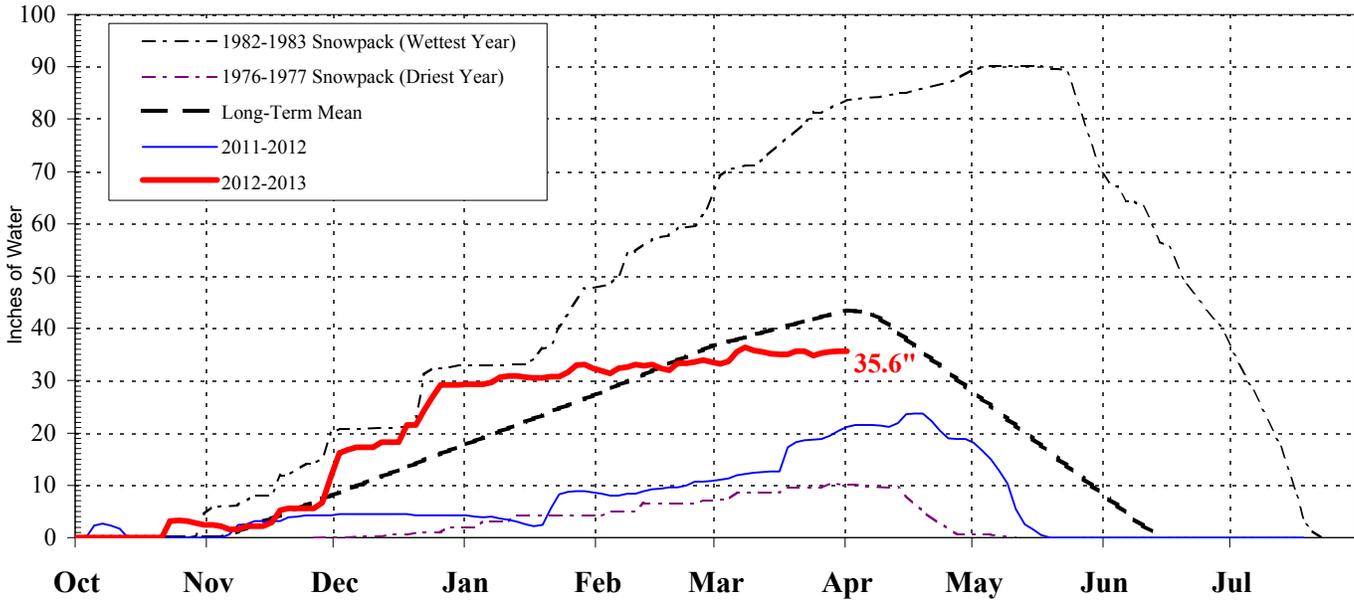


2013 Water Deliveries to Member Agencies (AF)

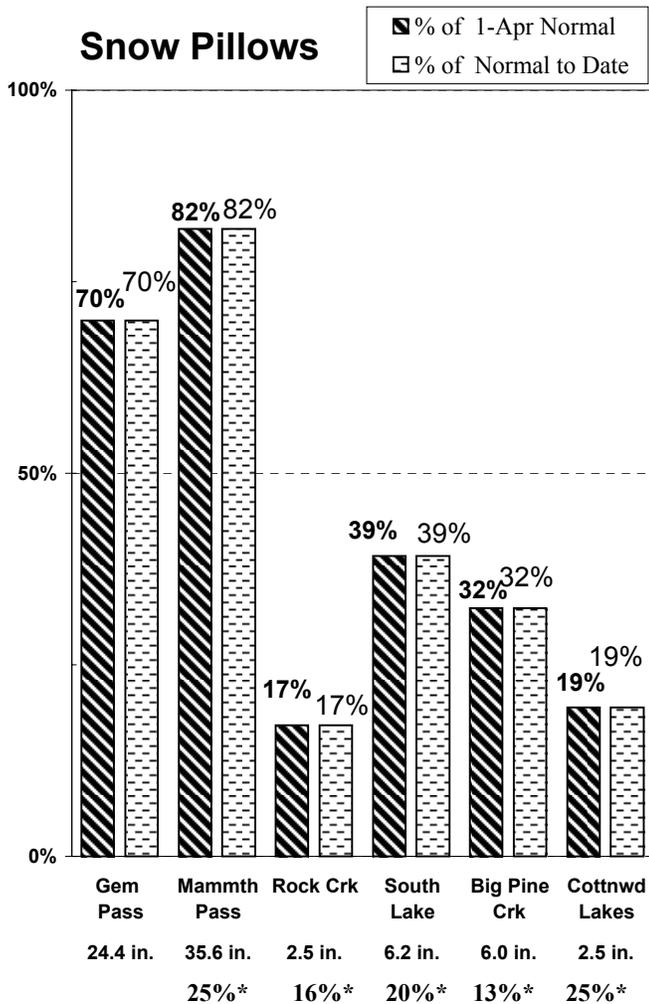


EASTERN SIERRA CURRENT PRECIPITATION CONDITIONS As of April 1, 2013

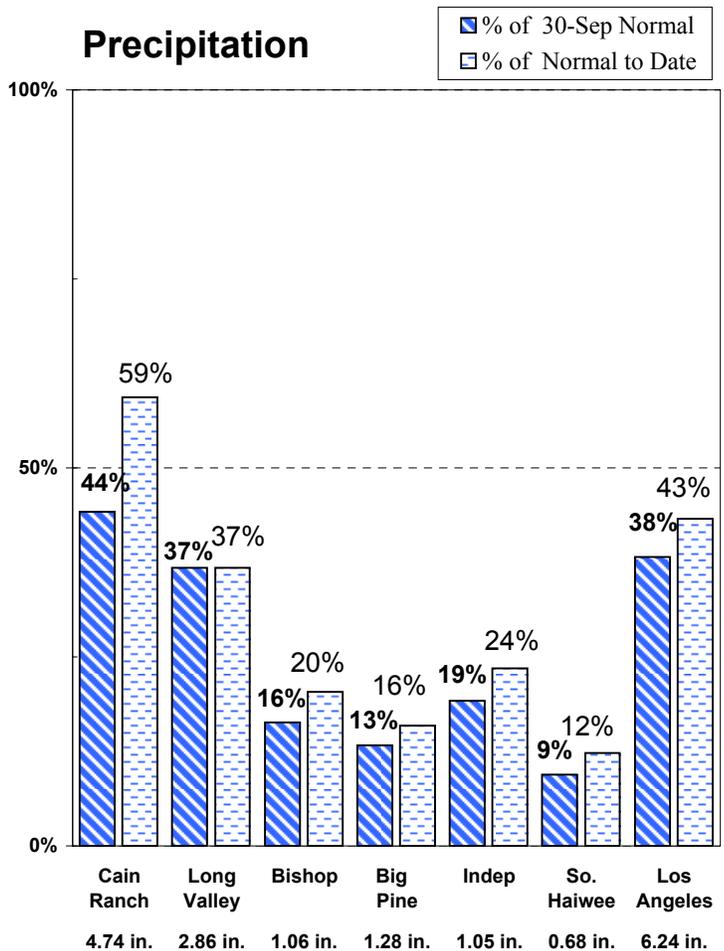
Mammoth Pass Snowpack



Snow Pillows



Precipitation



* Individual snow pillow represents an area that contributes this percent of the total Owens River Basin runoff.

Measurement as Inches Water Content; Precipitation totals are cumulative for water year beginning Oct 1

**DRAFT AGENDA
Workshop**

Improving Drought Prediction at Seasonal to Inter-Annual Timescales

**Sponsored by
Western States Water Council and California Department of Water Resources**

**Cooperating Organization
Western Governors' Association**

April 29 – May 1, 2013

**Doubletree San Diego Downtown
1646 Front Street, San Diego, CA**

Monday, April 29

11:00 **Registration**

1:00 **Welcome and Opening Remarks, Workshop Purpose & Desired Outcomes**

Tony Willardson, Western States Water Council (WSWC)
Jeanine Jones, California Department of Water Resources (CDWR)

1:30 **Western Governors' Association Position on Drought**

Tom Iseman, Western Governors' Association

1:45 **National Integrated Drought Information System (NIDIS) Activities and Reauthorization**

Roger Pulwarty, Director, NIDIS, National Oceanic and Atmospheric Administration

2:15 **Other Federal Activities**

NOAA Drought Taskforce Activities, Annarita Mariotti, Climate Program Office, National Oceanic and Atmospheric Administration (invited)
Spring Sub-seasonal Prediction for Reservoir Operations - Levi Brekke, Water and Climate Research Coordinator, U.S. Bureau of Reclamation

2:45 **Drought Prediction: Good News (and Other News)**

Martin Hoerling, Meteorologist, National Oceanic and Atmospheric Administration

3:30 **Break**

3:45 **The Colorado River Basin Drought – How Much Longer Will it last?**

Michelle Stokes, Hydrologist, Colorado Basin River Forecast Center

4:15 **Interstate Cooperation on Data Sharing, Example Opportunity**

Kent Frame, Program Manager, California Department of Water Resources

5:00 **Adjourn**

6:00 **Reception – Cash Bar**

Tuesday, April 30

7:30 **Continental Breakfast**

8:30 **State Perspectives on Drought Prediction**

Jeanine Jones, Interstate Resources Manager, California Department of Water Resources
Don Ostler, Executive Director, Upper Colorado River Compact Commission
Dave Barfield, Chief Engineer, Kansas Department of Agriculture (invited)
John Nielsen-Gammon, Texas State Climatologist

10:15 **Break**

10:30 **Opportunities With Existing Information**

Exploiting Analog Years Information – Anne Steinemann, Scripps Institution of Oceanography
Regional Hydrological Extremes Assessment System – Joshua Fisher, Scientist, NASA Jet Propulsion Lab
Exploring Hydroclimate Time Series – Kelly Redmond, Regional Climatologist, Western Regional Climate Center/Desert Research Institute

11:45 **Lunch**

1:00 **Synergies/Relationships With Other Forecasts/Predictions**

Seasonal Wildfire Prediction – Tom Rolinski, USFS Riverside Fire Prediction Center
Operational NWS Forecasting – Alex Tardy, Meteorologist, San Diego Weather Forecast Office

2:00 **Predicting Wet Conditions to Predict Dry Conditions**

HMT's Progress on Atmospheric River Storms – Marty Ralph, Branch Chief, National Oceanic and Atmospheric Administration
Atmospheric Rivers as Drought Busters: Past, Present and Future – Mike Dettinger, U.S. Geological Survey, Scripps Institution of Oceanography
Interannual Variability & Climate Transitions – Mike Anderson, California State Climatologist, California Department of Water Resources
Soil Moisture Measurement Needs – Mike Strobel, Director, National Water & Climate Center

3:45 **Break**

4:00 **Small Group Break-Outs to Discuss Potential Ways to Improve Drought Prediction**

5:00 **Adjourn**

Wednesday, May 1

7:30 **Continental Breakfast**

8:30 **Report Back From Break-Outs and Discussion**

9:30 **Drought Economic Impacts and the Value of Improved Predictive Ability**

Impacts of Midwestern Agricultural Drought – Mark Svoboda, National Drought Mitigation Center
National Water Research Institute – Jeff Moser, Executive Director
Small Water Systems – Dustin Hardwick, Director, California Rural Water Association

10:30 **Break**

10:45 **Where Do We Go From Here? (facilitated discussion)**

11:30 **Action Items and Closing Remarks**

12:00 **Adjourn**

4.c. - Colorado River Operations



Established in 1918 as a public agency

COACHELLA VALLEY WATER DISTRICT

News Release

March 25, 2013

CVWD NAMES NEW GENERAL MANAGER-CHIEF ENGINEER

Coachella Valley Water District (CVWD) board of directors today unanimously named Jim Barrett as the agency's new general manager–chief engineer.

Barrett joined CVWD in March 2010 as assistant general manager. He became acting general manager in May 2012 after the illness and subsequent death of General Manager-Chief Engineer Steve Robbins.

As general manager of the largest public utility in the Coachella Valley, Barrett will oversee day-to-day operations of an agency with a \$260 million annual budget and workforce of nearly 500 employees. His appointment follows a nationwide search and is subject to successful negotiations for wage and benefits over the next two weeks.

CVWD provides domestic and irrigation water, agricultural drainage, wastewater treatment and reclamation services, regional stormwater protection, groundwater management and water conservation. It serves more than 107,000 residential and business customers across 1,000 square miles, primarily in Riverside County, but also in portions of Imperial and San Diego counties.

Previously, Barrett was director of Public Utilities for the City of San Diego where he oversaw domestic water, wastewater and recycled water operations for more than 1.3 million customers. He also served on the board of directors of Metropolitan Water District of Southern California (MWD) and San Diego County Water Authority (SDCWA).

Prior to his tenure in San Diego, Barrett was vice president of Earth Tech, Inc. in San Diego. He retired from the U.S. Navy in 2004 as commanding officer of Navy Public Works in San Diego. Barrett is a registered professional civil engineer in California and holds a Master's of Science degree in civil engineering from Stanford University.

Board of Directors

John Powell Jr., President
Franz De Klotz, Vice President
Ed Pack
Peter Nelson
Debi Livesay

Administration

Jim Barrett, General Manager-Chief Engineer

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Current News Releases

www.cvwd.org/news/news.php

News Release Archives

www.cvwd.org/news/news_archives.php

4.d. - Basin States Discussions

Basin States Technical Committee Meeting
April 17, 2013
10:00 am to 3:00 pm PDT
McCarran Airport Mezzanine Rooms 4 and 5
Las Vegas, Nevada

DRAFT AGENDA

- 10:00 Welcome and Introductions – Don Ostler/Chuck Cullom
- 10:10 Review agenda and plans for the day – Don Ostler
- 10:15 Update on Colorado River Basin Reservoir Operations, Hydrology and Risk Analysis – Katrina Grantz and Dan Bunk
- 11:00 Update on WY 2013 Hydrology – Paul Miller (CBRFC)
- 11:15 NASA/JPL Hydrologic Monitoring Research
- Aerial Snow Observatory – Tom Painter, JPL
 - ET Measurements – Josh Fisher, JPL
- 12:00 Lunch
- 12:20 Update on Reclamation's Modeling Efforts – Katrina Grantz and Shana Tighi
- Mid-Term Operations Model Update
 - 24-Month Study Reporting Update
- 12:45 Basin Study Next Steps Process Update (State and Reclamation-led efforts) – Kay Brothers/Carly Jerla
- 1:15 Yuma Desalting Plant Studies Update
- YDP Optimal Design Study – Michael Hwang, CH2MHill; Les Lampe, Black&Veatch
 - Drain Water Interceptor Project – Tom McCann (CAP)
- 2:00 LTEMP Update
- Overview of Alternatives and Review Process – Dave Trueman
 - Summary of States Alternative – Seth Shanahan SNWA
- 2:20 Implementation of Minute 319/Bi-national Process Update – Chris Cutler
- 2:35 Status Reports:
- QSA Update – Tanya Trujillo
 - Lake Powell Pipeline – Robert King
 - Flaming Gorge Pipeline – Ted Kowalski
 - Navajo-Hopi Negotiations – J. Scott Miller/Tom Bushatzke
 - Overruns/IOPP Update – Paul Matuska
 - Lower Basin Consumptive Uses and Losses Project – Paul Matuska
- 2:55 Other Items
- 3:00 Next Meeting and Adjourn