

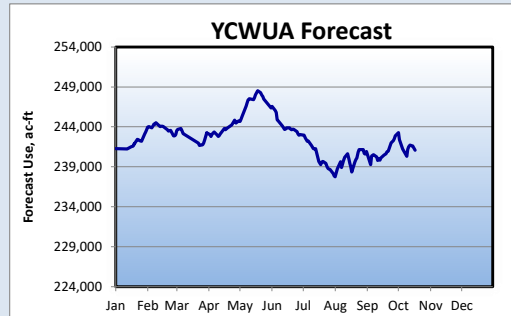
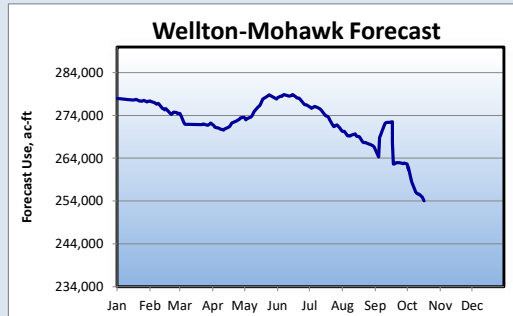
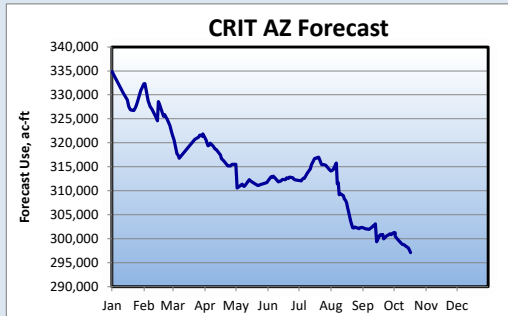
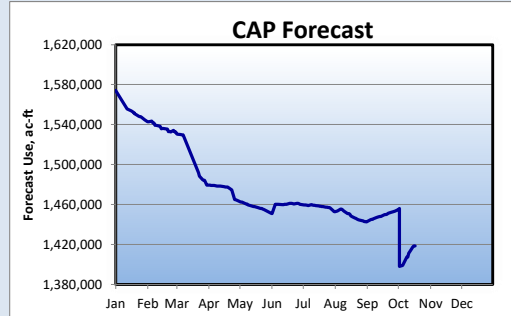
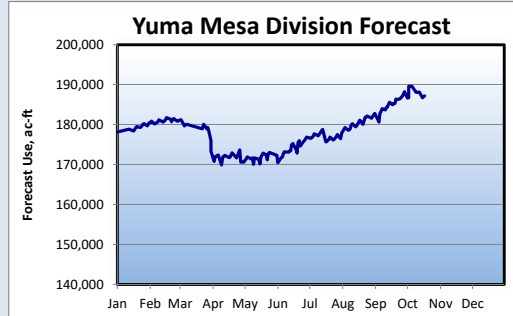
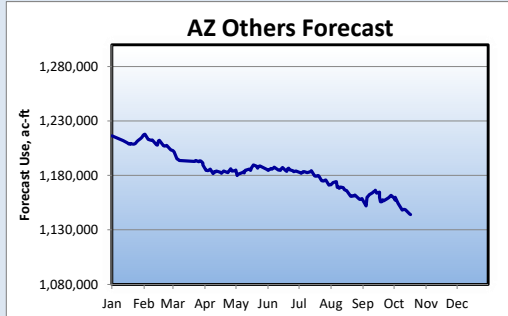
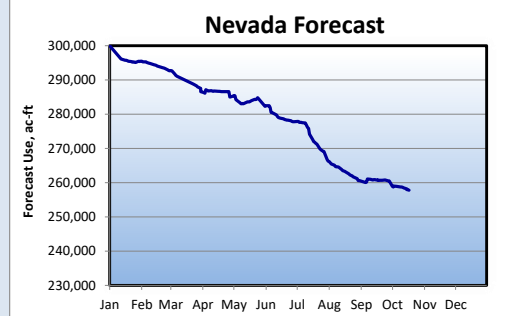
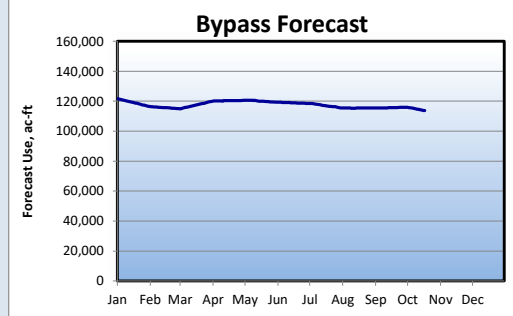
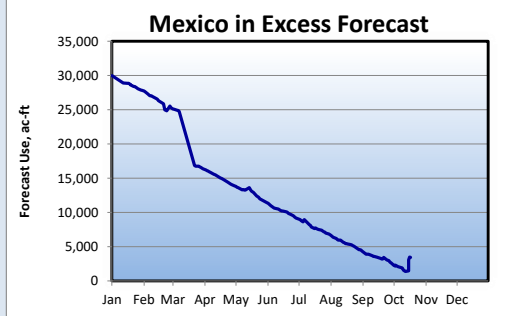
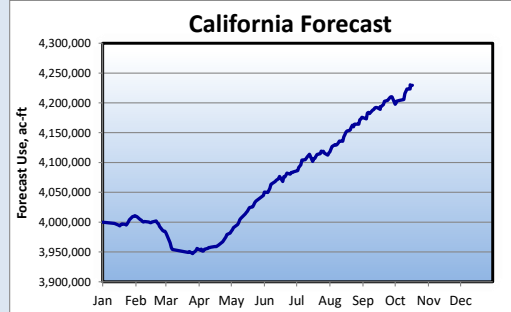
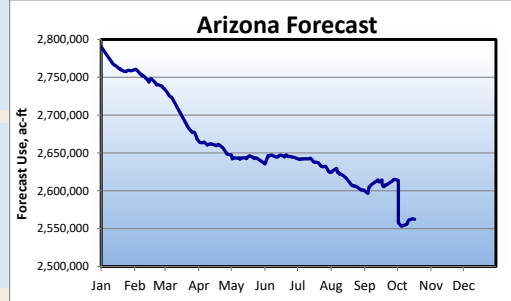
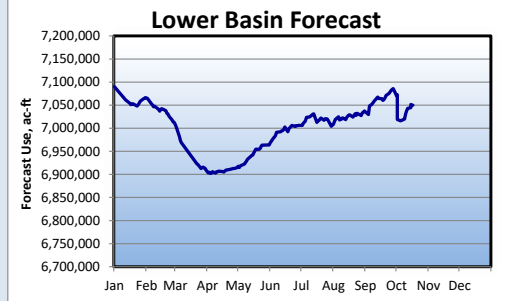
**U.S. BUREAU OF RECLAMATION  
LOWER COLORADO REGION  
CY 2018**

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

**WATER USE SUMMARY**

	Use To Date CY2018	Forecast Use CY2018	Approved Use <sup>2</sup> CY2018	Excess to Approval CY2018
ARIZONA	2,107,912	2,562,314	2,632,386	-70,072
CALIFORNIA	3,658,882	4,229,639	4,000,659	<b>228,980</b>
NEVADA	209,217	257,811	286,500	-28,689
<b>STATES TOTAL <sup>3</sup></b>	<b>5,976,011</b>	<b>7,049,764</b>	<b>6,919,545</b>	<b>130,219</b>
MEXICO IN SATISFACTION OF TREATY (Including downward delivery)	1,259,658	1,503,461	1,500,000	<b>3,461</b>
TO MEXICO AS SCHEDULED	1,257,439	1,500,000		
MEXICO IN EXCESS OF TREATY	2,219	3,461		
BYPASS PURSUANT TO MINUTE 242	80,141	113,753		
<b>TOTAL LOWER BASIN &amp; MEXICO</b>	<b>7,315,810</b>	<b>8,666,978</b>		

1/ Incorporates USGS monthly data and 80 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 Department 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.

**U.S. BUREAU OF RECLAMATION  
LOWER COLORADO REGION  
CY 2018**

**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/underrun 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/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 \(Water Accounting Reports\)](#)

<b>WATER USER</b>	<b>Use To Date CY2018</b>	<b>Forecast Use CY2018</b>	<b>Estimated Use CY2018</b>	<b>Excess to Estimated Use CY2018</b>	<b>Diversion To Date CY2018</b>	<b>Forecast Diversion CY2018</b>	<b>Approved Diversion CY2018</b>	<b>Excess to Approved Diversion CY2018</b>
ARIZONA PUMPERS	12,996	14,944	14,944	---	20,117	23,132	23,132	0
LAKE MEAD NRA, AZ - Diversions from Lake Mead	66	89	89	---	66	89	89	0
LAKE MEAD NRA, AZ - Diversions from Lake Mohave	183	214	214	---	183	214	214	0
DAVIS DAM PROJECT	2	2	2	---	21	24	24	0
BULLHEAD CITY	5,132	6,359	6,323	---	8,626	11,135	12,720	-1,585
MOHAVE WATER CONSERVATION DISTRICT	544	625	625	---	811	932	932	0
BROOKE WATER LLC	238	274	274	---	355	408	408	0
MOHAVE VALLEY IDD	17,959	21,359	21,161	---	33,259	39,551	39,187	364
FORT MOJAVE INDIAN RESERVATION, AZ	31,476	35,221	42,390	---	58,289	65,224	78,500	-13,276
GOLDEN SHORES WATER CONSERVATION DISTRICT	240	276	276	---	361	415	415	0
HAVASU NATIONAL WILDLIFE REFUGE	3,604	3,897	3,563	---	30,038	33,480	41,820	-8,340
LAKE HAVASU CITY	6,572	8,233	9,145	---	10,598	13,277	14,750	-1,473
CENTRAL ARIZONA PROJECT	1,117,920	1,418,383	---	---	1,117,920	1,418,383	---	---
TOWN OF PARKER	339	406	419	---	693	860	930	-70
COLORADO RIVER INDIAN RESERVATION, AZ	269,752	297,117	340,969	---	531,184	616,992	646,406	-29,414
EHRENBURG IMPROVEMENT ASSOCIATION	198	228	228	---	277	319	319	0
CIBOLA VALLEY <sup>1</sup>	13,624	15,666	15,666	---	19,048	21,903	21,903	0
CIBOLA NATIONAL WILDLIFE REFUGE	9,499	10,524	12,741	-2,217	15,321	16,974	20,550	-3,576
IMPERIAL NATIONAL WILDLIFE REFUGE	1,824	2,438	3,019	-581	2,943	3,932	4,868	-936
BLM PERMITEES (PARKER DAM to IMPERIAL DAM)	944	1,085	1,085	---	1,452	1,670	1,670	---
CHA CHA, LLC	925	1,133	1,365	---	1,425	1,745	2,100	-355
BEATTIE FARMS	408	519	724	---	626	796	1,110	-314
YUMA PROVING GROUND	443	500	500	---	443	500	500	0
GILA MONSTER FARMS	3,670	4,517	5,309	---	6,310	7,774	9,156	-1,382
WELLTON-MOHAWK IDD	219,462	254,085	278,000	-23,915	318,315	380,348	411,413	-31,065
BLM PERMITEES (BELOW IMPERIAL DAM)	83	96	96	0	127	146	146	0
CITY OF YUMA	11,377	14,607	15,756	-1,149	19,185	24,730	26,605	-1,875
MARINE CORPS AIR STATION	1,143	1,365	1,419	---	1,143	1,365	1,419	-54
UNION PACIFIC RAILROAD	19	24	24	---	38	48	48	0
UNIVERSITY OF ARIZONA	731	875	875	---	731	875	875	0
YUMA UNION HIGH SCHOOL DISTRICT	114	136	150	---	155	184	200	-16
DESERT LAWN MEMORIAL	36	41	41	---	50	57	57	0
NORTH GILA VALLEY IRRIGATION DISTRICT	8,806	10,258	12,260	---	35,492	43,315	44,200	-885
YUMA IRRIGATION DISTRICT	29,929	36,378	39,715	---	53,646	65,740	72,100	-6,360
YUMA MESA IDD	118,644	140,586	139,206	---	197,053	232,645	237,550	-4,905
UNIT "B" IRRIGATION DISTRICT	12,798	15,673	21,046	---	20,384	24,197	29,200	-5,003
FORT YUMA INDIAN RESERVATION	1,198	1,378	1,378	---	1,844	2,120	2,120	0
YUMA COUNTY WATER USERS' ASSOCIATION	203,993	241,073	241,268	---	285,676	354,515	375,000	-20,485
COCOPA INDIAN RESERVATION	981	1,684	3,180	---	1,103	2,182	4,850	-2,668
RECLAMATION-YUMA AREA OFFICE	40	46	46	---	40	46	46	0
RETURN FROM SOUTH GILA WELLS	---	---	---	---	---	---	---	---
<b>TOTAL ARIZONA</b>	<b>2,107,912</b>	<b>2,562,314</b>	<b>2,632,368</b>		<b>2,795,348</b>	<b>3,412,242</b>	<b>3,524,409</b>	
CAP	1,117,920	1,418,383	---	---	---	1,418,383	---	---
ALL OTHERS	989,992	1,143,931	1,235,491	---	---	1,993,859	2,127,532	---
YUMA MESA DIVISION, GILA PROJECT	157,379	187,222	191,181	-3,959	---	341,700	---	---

**ARIZONA ADJUSTED APPORTIONMENT CALCULATION**

Arizona Basic Apportionment	2,800,000
State of Nevada Unused Apportionment to be Stored with AWBA	13,500
System Conservation Water - Pilot System Conservation Program <sup>2</sup>	-27,151
Voluntary Contribution to Lake Mead - CAWCD	-153,963
<b>Total State Adjusted Apportionment</b>	<b>2,632,386</b>
Excess to Total State Adjusted Apportionment	-70,072
<b>Estimated Allowable Use for CAP</b>	<b>1,490,069</b>

<sup>1</sup> Includes the following water users within the Cibola Valley: Cibola Valley IDD, Arizona Game and Fish Commission, GSC Farms, LLC, and the Hopi Tribe.  
<sup>2</sup> System Conservation Water to be conserved by Bullhead City, CAWCD, the Tohono O'odham Nation, and the Colorado River Indian Tribes pursuant to System Conservation Implementation Agreements executed under the Pilot System Conservation Program. This water will remain in Lake Mead to benefit system storage.

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

**U.S. BUREAU OF RECLAMATION  
LOWER COLORADO REGION  
CY 2018**

**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/underrun of entitlement. Dash in this column indicates water user has a diversion entitlement.  
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**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 \(Water Accounting Reports\)](#)

<b>WATER USER</b>	<b>Use To Date CY2018</b>	<b>Forecast Use CY2018</b>	<b>Estimated Use CY2018</b>	<b>Excess to Estimated Use CY2018</b>	<b>Diversion To Date CY2018</b>	<b>Forecast Diversion CY2018</b>	<b>Approved Diversion CY2018</b>	<b>Excess to Approved Diversion CY2018</b>
CALIFORNIA PUMPERS	1,911	2,197	2,197	---	3,455	3,973	3,973	0
FORT MOJAVE INDIAN RESERVATION, CA	6,841	7,789	8,996	---	12,713	14,475	16,720	-2,245
CITY OF NEEDLES (includes LCWSP use)	904	1,177	1,605	-428	1,606	1,989	2,261	-272
METROPOLITAN WATER DISTRICT	691,085	728,325	---	---	693,492	731,401	---	---
COLORADO RIVER INDIAN RESERVATION, CA	2,729	3,138	3,138	---	4,520	5,197	5,197	0
PALO VERDE IRRIGATION DISTRICT	345,686	393,054	432,220	---	678,073	820,363	877,500	-57,137
YUMA PROJECT RESERVATION DIVISION	36,727	44,810	52,051	---	70,340	88,556	99,540	-10,984
YUMA PROJECT RESERVATION DIVISION - INDIAN UNIT	---	---	---	---	35,583	44,273	47,842	-3,569
YUMA PROJECT RESERVATION DIVISION - BARD UNIT	---	---	---	---	34,757	44,283	51,698	-7,415
YUMA ISLAND PUMPERS	2,883	3,315	3,315	---	5,215	5,997	5,997	0
FORT YUMA INDIAN RESERVATION - RANCH 5	557	640	640	---	1,009	1,160	1,160	0
IMPERIAL IRRIGATION DISTRICT	2,283,222	2,695,366	2,687,800	<b>7,566</b>	2,222,915	2,665,336	2,813,387	---
SALTON SEA SALINITY MANAGEMENT	149	0	0	0	150	0	0	---
COACHELLA VALLEY WATER DISTRICT	285,366	348,882	<i>363,804</i>	-14,922	291,431	359,677	<i>381,829</i>	---
OTHER LCWSP CONTRACTORS	653	751	751	---	1,024	1,178	1,178	0
CITY OF WINTERHAVEN	57	66	66	---	85	98	98	0
CHEMEHUEVI INDIAN RESERVATION	112	129	129	---	9,862	11,340	11,340	0
<b>TOTAL CALIFORNIA</b>	<b>3,658,882</b>	<b>4,229,639</b>	<b>4,000,659</b>		<b>3,995,890</b>	<b>4,710,740</b>	<b>4,666,923</b>	

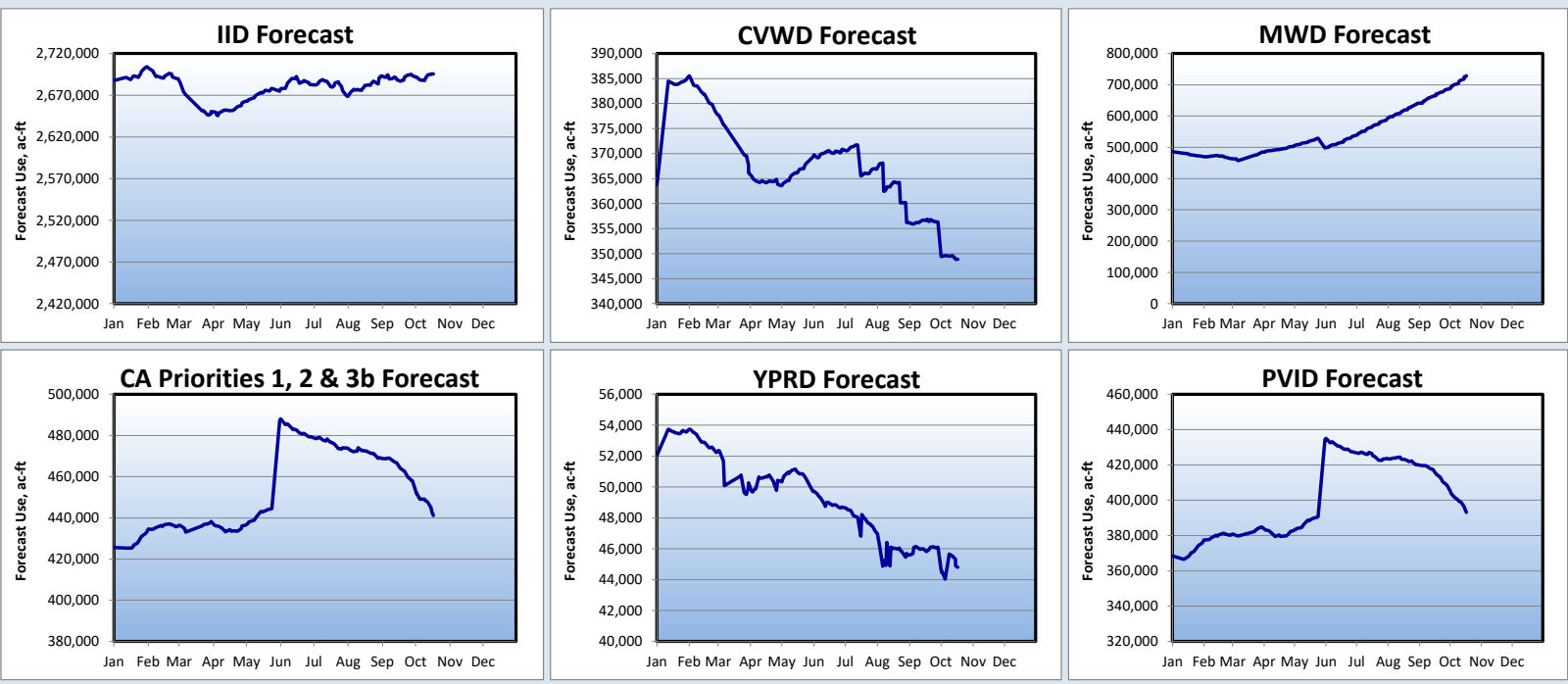
**CALIFORNIA ADJUSTED APPORTIONMENT CALCULATION**

California Basic Apportionment	4,400,000
System Conservation Water - Pilot System Conservation <sup>1</sup>	-341
Creation of Extraordinary Conservation ICS (IID) <sup>2</sup>	-25,000
Creation of Extraordinary Conservation ICS (MWD) <sup>2</sup>	-374,000
<b>Total State Adjusted Apportionment</b>	<b>4,000,659</b>
Excess to Total State Adjusted Apportionment	228,980
<b>Estimated Allowable Use for MWD</b>	<b>506,911</b>

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

<sup>1</sup> System Conservation Water to be conserved by the City of Needles, Bard Water District, and Coachella Valley Water District pursuant to System Conservation Implementation Agreements executed under the Pilot System Conservation Program. This water will remain in Lake Mead to benefit system storage.

<sup>2</sup> Amount shown represents the amount of ICS creation that the water user has been approved to create in CY 2018. Actual amount of ICS created will be based on final accounting records.



**U.S. BUREAU OF RECLAMATION  
LOWER COLORADO REGION  
CY 2018**

**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.

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 \(Water Accounting Reports\)](#)

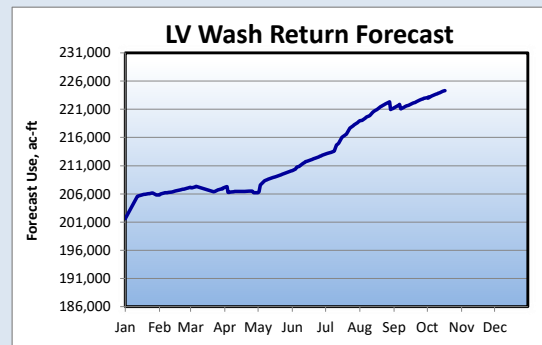
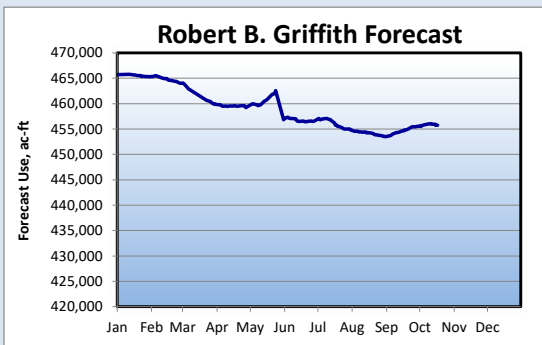
WATER USER	Use	Forecast	Estimated	Excess to	Diversion	Forecast	Approved	Excess to
	To Date	Use	Use	Estimated	To Date	Diversion	Diversion	Approved
	<u>CY2018</u>	<u>CY2018</u>	<u>CY2018</u>	<u>CY2018</u>	<u>CY2018</u>	<u>CY2018</u>	<u>CY2018</u>	<u>CY2018</u>
ROBERT B. GRIFFITH WATER PROJECT (SNWS)	372,715	455,742	452,186	3,556	372,715	455,742	452,186	3,556
LAKE MEAD NRA, NV - Diversions from Lake Mead	463	736	1,500	---	463	736	1,500	-764
LAKE MEAD NRA, NV - Diversions from Lake Mohave	185	304	500	---	185	304	500	-196
BASIC MANAGEMENT INC.	4,349	5,965	8,208	---	4,349	5,965	8,208	-2,243
CITY OF HENDERSON (BMI DELIVERY)	7,969	12,116	15,878	---	7,969	12,116	15,878	-3,762
NEVADA DEPARTMENT OF WILDLIFE	7	9	12	-3	642	879	1,000	---
PACIFIC COAST BUILDING PRODUCTS INC.	688	887	928	---	688	887	928	-41
BOULDER CANYON PROJECT	150	172	172	---	261	300	300	0
BIG BEND WATER DISTRICT	2,128	3,203	4,884	---	4,254	6,453	10,000	-3,547
FORT MOJAVE INDIAN TRIBE	2,608	2,973	4,020	---	3,894	4,439	6,000	-1,561
LAS VEGAS WASH RETURN FLOWS	-182,045	-224,296	-201,788	---				
<b>TOTAL NEVADA</b>	<b>209,217</b>	<b>257,811</b>	<b>286,500</b>	<b>3,553</b>	<b>395,420</b>	<b>487,821</b>	<b>496,500</b>	<b>-8,558</b>
SOUTHERN NEVADA WATER SYSTEM (SNWS)	190,670	231,446				455,742		
ALL OTHERS	18,547	26,365				32,079		
NEVADA USES ABOVE HOOVER	204,481	251,635				476,929		
NEVADA USES BELOW HOOVER	4,736	6,176				10,892		

**Tributary Conservation & Imported Intentionally Created Surplus**

Total Requested Tributary Conservation Intentionally Created Surplus	42,000
Total Requested Imported Conservation Intentionally Created Surplus	0
5% System Cut for Creation of Intentionally Created Surplus	-2,100
<b>Total Intentionally Created Surplus Left in Lake Mead</b>	<b>39,900</b>

**NEVADA ADJUSTED APPORTIONMENT CALCULATION**

Nevada Basic Apportionment	300,000
State of Nevada Unused Apportionment to be Stored with AWBA	-13,500
<b>Total State Adjusted Apportionment</b>	<b>286,500</b>
Excess to Total State Adjusted Apportionment	-28,689



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