

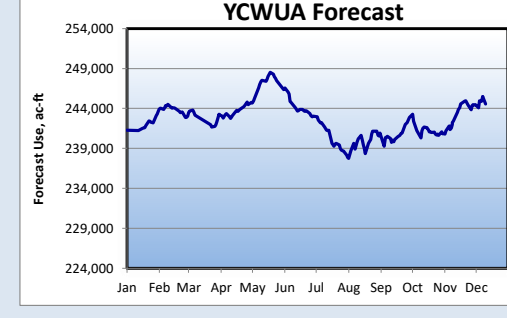
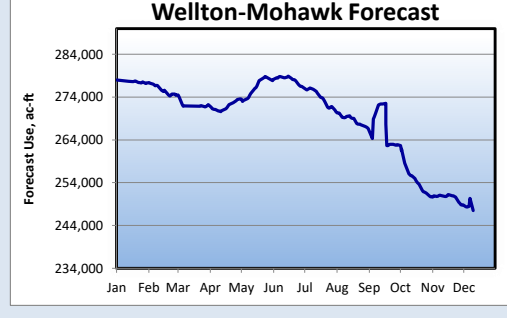
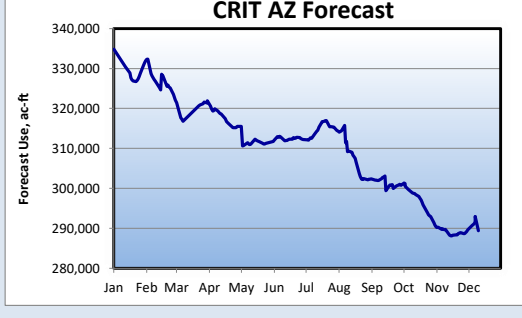
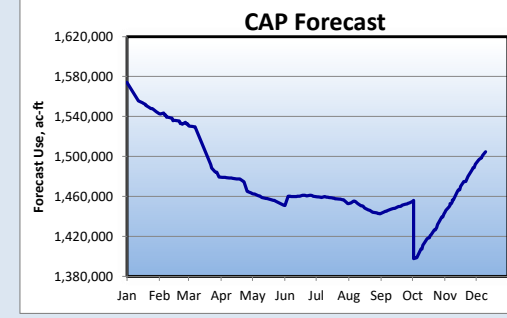
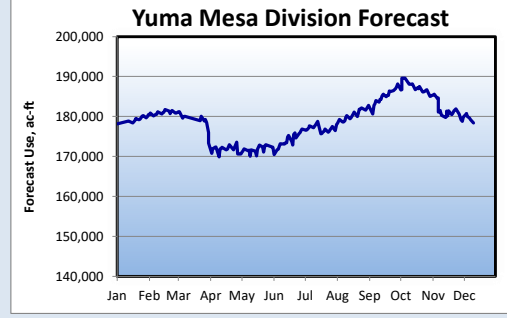
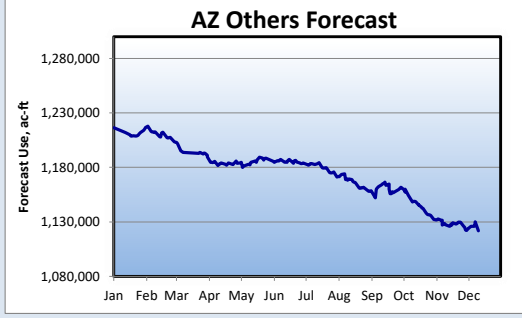
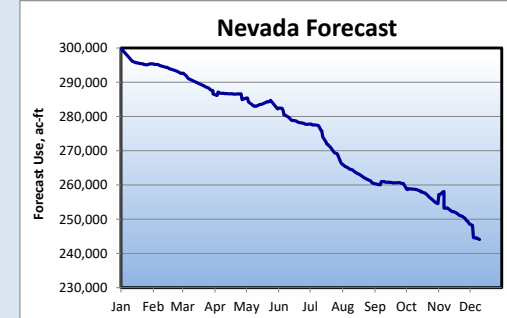
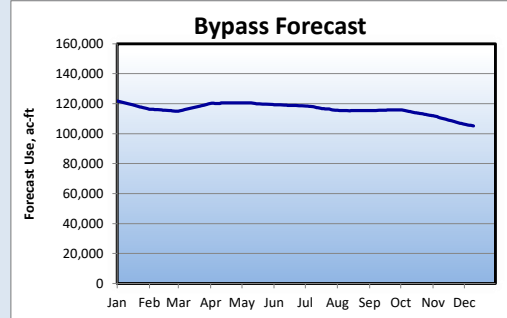
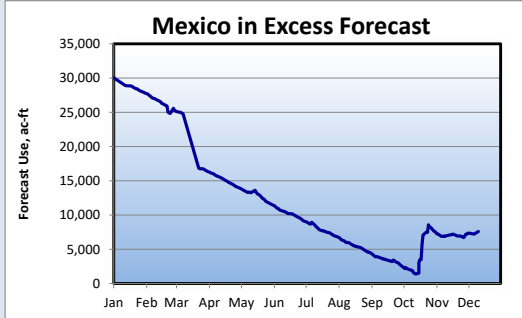
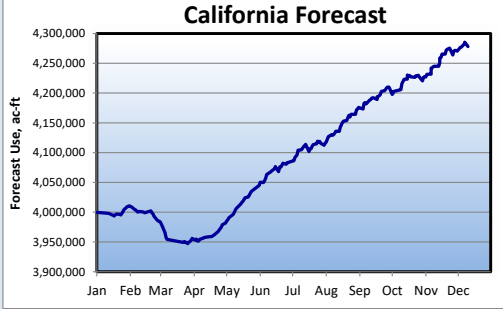
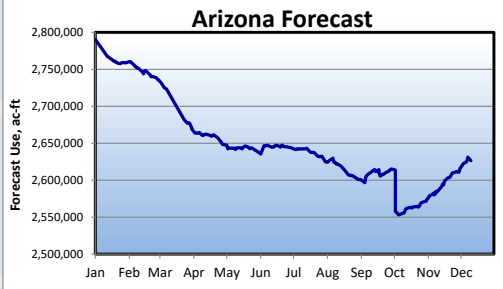
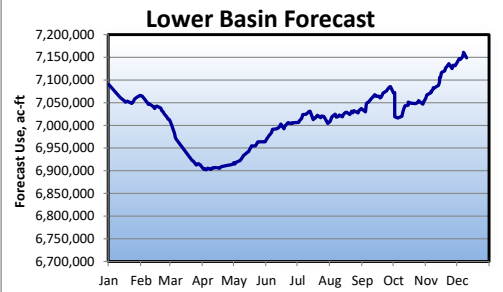
**U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
CY 2018**

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

WATER USE SUMMARY

	Use To Date CY2018	Forecast Use CY2018	Approved Use ² CY2018	Excess to Approval CY2018
ARIZONA	2,517,204	2,626,279	2,632,386	-6,107
CALIFORNIA	4,153,888	4,278,268	4,000,659	277,609
NEVADA	237,041	244,129	286,500	-42,371
STATES TOTAL ³	6,908,133	7,148,676	6,919,545	229,131
MEXICO IN SATISFACTION OF TREATY (Including downward delivery) TO MEXICO AS SCHEDULED	1,429,683 1,422,466	1,507,572 1,500,000	1,500,000	7,572
MEXICO IN EXCESS OF TREATY	7,217	7,572		
BYPASS PURSUANT TO MINUTE 242	96,239	105,207		
TOTAL LOWER BASIN & MEXICO	8,434,055	8,761,455		

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 \(Water Accounting Reports\)](#)

WATER USER	Use To Date CY2018	Forecast Use CY2018	Estimated Use CY2018	Excess to Estimated Use CY2018	Diversion To Date CY2018	Forecast Diversion CY2018	Approved Diversion CY2018	Excess to Approved Diversion CY2018
ARIZONA PUMPERS	14,501	14,944	14,944	---	22,446	23,132	23,132	0
LAKE MEAD NRA, AZ - Diversions from Lake Mead	70	75	75	---	70	75	75	0
LAKE MEAD NRA, AZ - Diversions from Lake Mohave	203	210	210	---	203	210	210	0
DAVIS DAM PROJECT	2	2	2	---	23	24	24	0
BULLHEAD CITY	6,044	6,395	6,323	---	10,028	10,745	12,720	-1,975
MOHAVE WATER CONSERVATION DISTRICT	606	625	625	---	904	932	932	0
BROOKE WATER LLC	266	274	274	---	396	408	408	0
MOHAVE VALLEY IDD	20,104	20,950	21,161	---	37,231	38,794	39,187	-393
FORT MOJAVE INDIAN RESERVATION, AZ	33,861	34,627	42,390	---	62,705	64,125	78,500	-14,375
GOLDEN SHORES WATER CONSERVATION DISTRICT	268	276	276	---	403	415	415	0
HAVASU NATIONAL WILDLIFE REFUGE	4,186	4,240	3,563	---	32,335	32,967	41,820	-8,853
LAKE HAVASU CITY	7,542	7,960	9,145	---	12,163	12,837	14,750	-1,913
CENTRAL ARIZONA PROJECT	1,423,202	1,504,623		---	1,423,202	1,504,623		
TOWN OF PARKER	372	388	419	---	787	830	930	-100
COLORADO RIVER INDIAN RESERVATION, AZ	283,081	289,410	340,969	---	582,927	606,830	646,406	-39,576
EHRENBURG IMPROVEMENT ASSOCIATION	221	228	228	---	310	319	319	0
CIBOLA VALLEY ¹	15,202	15,666	15,666	---	21,254	21,903	21,903	0
CIBOLA NATIONAL WILDLIFE REFUGE	10,626	10,736	12,741	-2,005	17,140	17,317	20,550	-3,233
IMPERIAL NATIONAL WILDLIFE REFUGE	2,511	2,686	3,019	-333	4,050	4,332	4,868	-536
BLM PERMITEES (PARKER DAM to IMPERIAL DAM)	1,053	1,085	1,085	---	1,620	1,670	1,670	0
CHA CHA, LLC	1,019	1,074	1,365	---	1,570	1,654	2,100	-446
BEATTIE FARMS	428	458	724	---	658	703	1,110	-407
YUMA PROVING GROUND	463	478	500	---	463	478	500	-22
GILA MONSTER FARMS	4,229	4,421	5,309	---	7,455	7,801	9,156	-1,355
WELLTON-MOHAWK IDD	242,130	247,469	278,000	-30,531	360,798	374,019	411,413	-37,394
BLM PERMITEES (BELOW IMPERIAL DAM)	93	96	96	0	142	146	146	0
CITY OF YUMA	12,940	13,838	15,756	-1,918	22,178	23,776	26,605	-2,829
MARINE CORPS AIR STATION	1,291	1,342	1,419	---	1,291	1,342	1,419	-77
UNION PACIFIC RAILROAD	23	24	24	---	45	48	48	0
UNIVERSITY OF ARIZONA	865	897	897	---	865	897	897	0
YUMA UNION HIGH SCHOOL DISTRICT	131	136	150	---	178	184	200	-16
DESERT LAWN MEMORIAL	40	41	41	---	55	57	57	0
NORTH GILA VALLEY IRRIGATION DISTRICT	11,942	12,115	12,260	---	41,381	43,155	44,200	-1,045
YUMA IRRIGATION DISTRICT	33,750	35,076	39,715	---	62,764	65,461	72,100	-6,639
YUMA MESA IDD	127,490	131,173	139,206	---	217,069	225,161	237,550	-12,389
UNIT "B" IRRIGATION DISTRICT	14,530	14,885	21,046	---	23,346	24,056	29,200	-5,144
FORT YUMA INDIAN RESERVATION	1,337	1,378	1,378	---	2,057	2,120	2,120	0
YUMA COUNTY WATER USERS' ASSOCIATION	239,360	244,573	241,268	---	337,342	350,826	375,000	-24,174
COCOPA INDIAN RESERVATION	1,177	1,359	3,180	---	1,334	1,618	4,850	-3,232
RECLAMATION-YUMA AREA OFFICE	45	46	46	---	45	46	46	0
RETURN FROM SOUTH GILA WELLS								
TOTAL ARIZONA	2,517,204	2,626,279	2,632,350		3,311,233	3,466,036	3,524,391	
CAP	1,423,202	1,504,623				1,504,623		
ALL OTHERS	1,094,002	1,121,656	1,235,495			1,961,413	2,127,536	
YUMA MESA DIVISION, GILA PROJECT	173,182	178,364	191,181	-12,817		333,777		

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 ²	-27,151
Voluntary Contribution to Lake Mead - CAWCD	-153,963
Total State Adjusted Apportionment	2,632,386
Excess to Total State Adjusted Apportionment	-6,107
Estimated Allowable Use for CAP	1,514,107

¹ Includes the following water users within the Cibola Valley: Cibola Valley IDD, Arizona Game and Fish Commission, GSC Farms, LLC, and the Hopi Tribe.

² 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 \(Water Accounting Reports\)](#)

WATER USER	Use	Forecast	Estimated	Excess to	Diversion	Forecast	Approved	Excess to
	To Date	Use	Use	Estimated	To Date	Diversion	Diversion	Approved
	CY2018	CY2018	CY2018	Use	CY2018	CY2018	CY2018	Diversion
CALIFORNIA PUMPERS	2,132	2,197	2,197	---	3,855	3,973	3,973	0
FORT MOJAVE INDIAN RESERVATION, CA	7,682	7,881	8,996	---	14,279	14,648	16,720	-2,072
CITY OF NEEDLES (includes LCWSP use)	956	1,020	1,605	-585	1,755	1,844	2,261	-417
METROPOLITAN WATER DISTRICT	833,261	844,250		---	836,081	847,274		---
COLORADO RIVER INDIAN RESERVATION, CA	3,045	3,138	3,138	---	5,043	5,197	5,197	0
PALO VERDE IRRIGATION DISTRICT	357,456	367,525	<i>418,928</i>	---	751,144	783,789	<i>838,500</i>	-54,711
YUMA PROJECT RESERVATION DIVISION	42,902	44,485	52,051	---	82,660	86,714	99,540	-12,826
YUMA PROJECT RESERVATION DIVISION - INDIAN UNIT	---	---	---	---	41,414	43,197	47,842	-4,645
YUMA PROJECT RESERVATION DIVISION - BARD UNIT	---	---	---	---	41,246	43,517	51,698	-8,181
YUMA ISLAND PUMPERS	3,217	3,315	3,315	---	5,819	5,997	5,997	0
FORT YUMA INDIAN RESERVATION - RANCH 5	621	640	640	---	1,126	1,160	1,160	0
IMPERIAL IRRIGATION DISTRICT	2,573,659	2,661,497	2,687,800	-26,303	2,507,769	2,606,055	2,813,387	---
SALTON SEA SALINITY MANAGEMENT	149	0	0	0	150	0	0	---
COACHELLA VALLEY WATER DISTRICT	327,890	341,374	363,804	-22,430	334,872	349,956	381,829	---
OTHER LCWSP CONTRACTORS	729	751	751	---	1,143	1,178	1,178	0
CITY OF WINTERHAVEN	64	66	66	---	95	98	98	0
CHEMEHUEVI INDIAN RESERVATION	125	129	129	---	11,004	11,340	11,340	0
TOTAL CALIFORNIA	4,153,888	4,278,268	4,000,659		4,556,795	4,719,223	4,641,215	

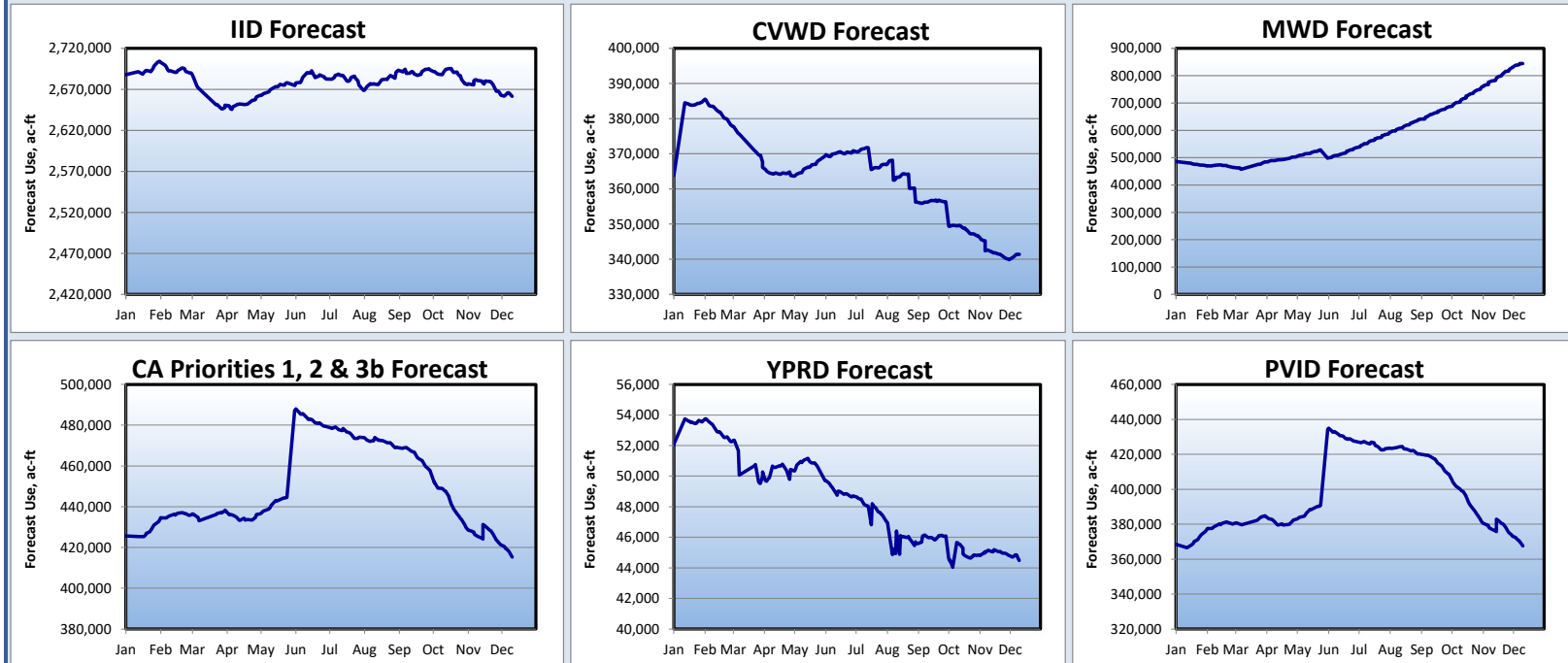
CALIFORNIA ADJUSTED APPORTIONMENT CALCULATION

California Basic Apportionment	4,400,000
System Conservation Water - Pilot System Conservation ¹	-341
Creation of Extraordinary Conservation ICS (IID) ²	-25,000
Creation of Extraordinary Conservation ICS (MWD) ²	-374,000
Total State Adjusted Apportionment	4,000,659
Excess to Total State Adjusted Apportionment	277,609
Estimated Allowable Use for MWD	566,641

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

¹ 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.

² 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**

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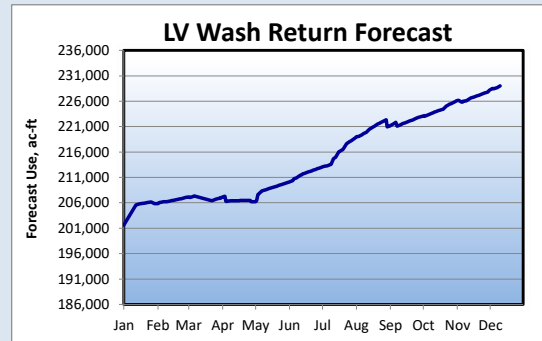
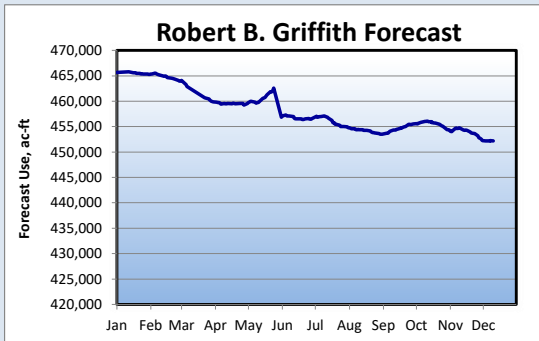
**NEVADA WATER USERS
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS**

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

WATER USER	Use To Date CY2018	Forecast Use CY2018	Estimated Use CY2018	Excess to Estimated Use CY2018	Diversion To Date CY2018	Forecast Diversion CY2018	Approved Diversion CY2018	Excess to Approved Diversion CY2018
ROBERT B. GRIFFITH WATER PROJECT (SNWS)	432,166	452,190	452,186	4	432,166	452,190	452,186	4
LAKE MEAD NRA, NV - Diversions from Lake Mead	398	370	1,500	---	398	370	1,500	-1,130
LAKE MEAD NRA, NV - Diversions from Lake Mohave	191	177	500	---	191	177	500	-323
BASIC MANAGEMENT INC.	4,887	4,693	8,208	---	4,887	4,693	8,208	-3,515
CITY OF HENDERSON (BMI DELIVERY)	10,017	9,586	15,878	---	10,017	9,586	15,878	-6,292
NEVADA DEPARTMENT OF WILDLIFE	7	7	12	-5	735	707	1,000	---
PACIFIC COAST BUILDING PRODUCTS INC.	831	806	928	---	831	806	928	-122
BOULDER CANYON PROJECT	167	172	172	---	291	300	300	0
BIG BEND WATER DISTRICT	2,181	2,073	4,884	---	4,442	4,209	10,000	-5,791
FORT MOJAVE INDIAN TRIBE	2,966	3,061	4,020	---	4,427	4,569	6,000	-1,431
LAS VEGAS WASH RETURN FLOWS	-216,770	-229,006	-201,788	---				
TOTAL NEVADA	237,041	244,129	286,500	-1	458,385	477,607	496,500	-18,600
SOUTHERN NEVADA WATER SYSTEM (SNWS)	215,396	223,184				452,190		
ALL OTHERS	21,645	20,945				25,417		
NEVADA USES ABOVE HOOVER	231,894	238,995				468,829		
NEVADA USES BELOW HOOVER	5,147	5,134				8,778		

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
Total Intentionally Created Surplus Left in Lake Mead	39,900

NEVADA ADJUSTED APPORTIONMENT CALCULATION	
Nevada Basic Apportionment	300,000
State of Nevada Unused Apportionment to be Stored with AWBA	-13,500
Total State Adjusted Apportionment	286,500
Excess to Total State Adjusted Apportionment	-42,371



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