

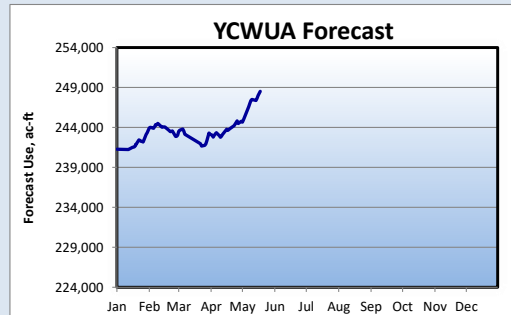
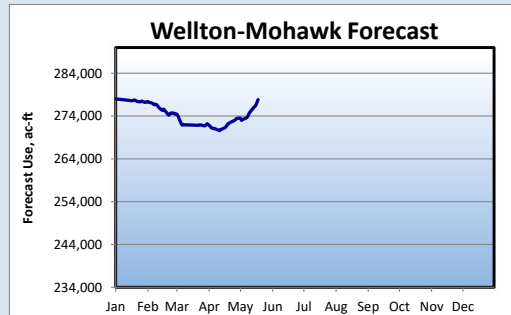
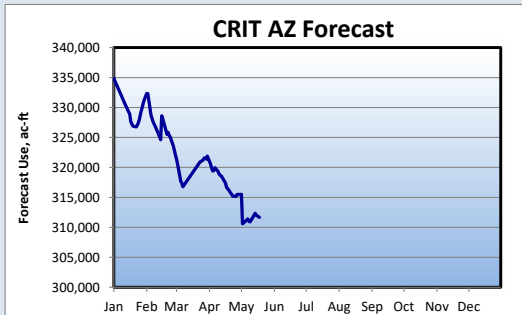
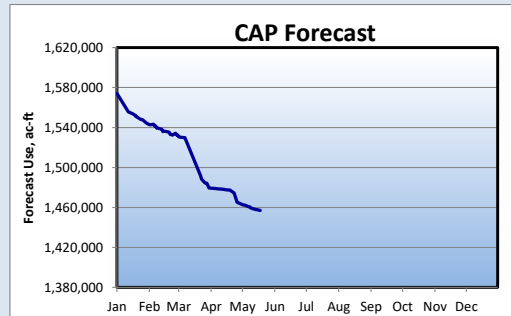
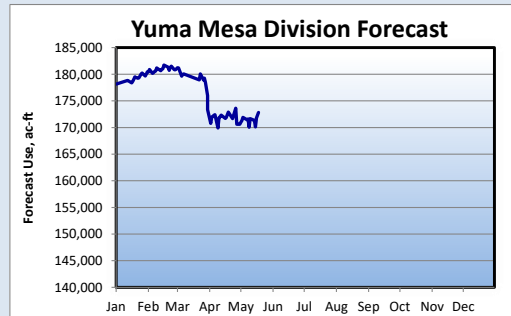
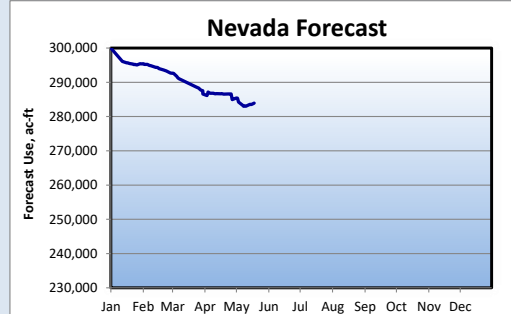
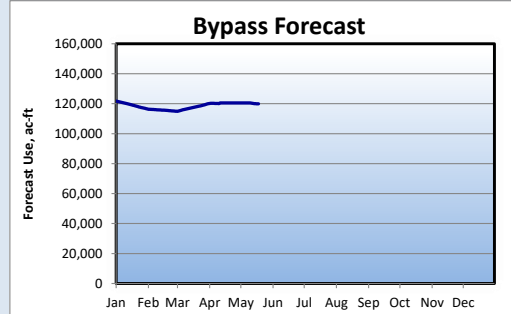
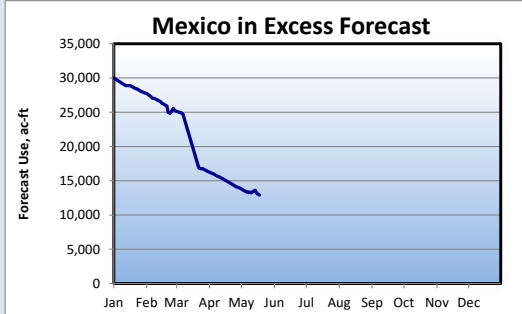
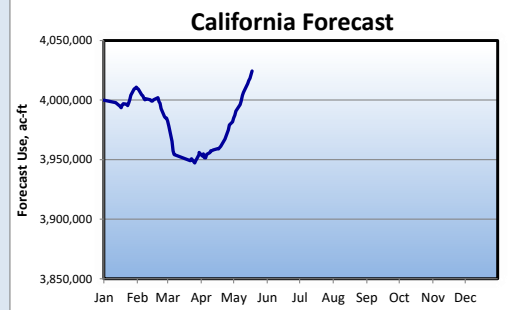
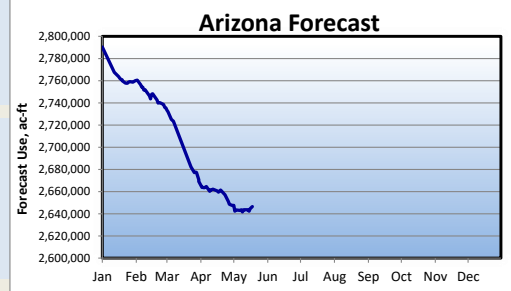
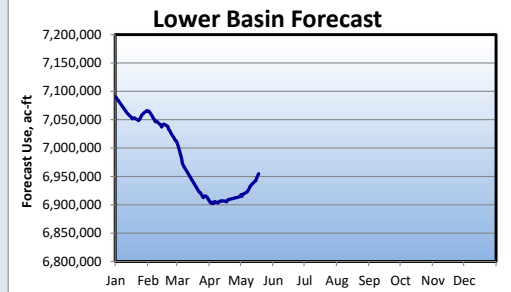
**U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
CY 2018**

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	1,027,405	2,646,433	2,790,365	-143,932
CALIFORNIA	1,471,487	4,024,415	4,000,855	23,560
NEVADA	72,828	283,937	300,000	-16,063
STATES TOTAL ³	2,571,720	6,954,785	7,091,220	-136,435
MEXICO IN SATISFACTION OF TREATY (Including downward delivery) TO MEXICO AS SCHEDULED	704,796 703,835	1,512,917 1,500,000	1,500,000	12,917
MEXICO IN EXCESS OF TREATY	961	12,917		
BYPASS PURSUANT TO MINUTE 242	37,404	119,900		
TOTAL LOWER BASIN & MEXICO	3,313,920	8,587,602		

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	5,832	14,944	14,944	---	9,027	23,132	23,132	0
LAKE MEAD NRA, AZ - Diversions from Lake Mead	23	119	119	---	23	119	119	0
LAKE MEAD NRA, AZ - Diversions from Lake Mohave	78	202	202	---	78	202	202	0
DAVIS DAM PROJECT	1	2	2	---	9	24	24	0
BULLHEAD CITY	2,032	6,406	6,323	---	3,722	12,288	12,720	-432
MOHAVE WATER CONSERVATION DISTRICT	244	625	625	---	364	932	932	0
BROOKE WATER LLC	107	274	274	---	159	408	408	0
MOHAVE VALLEY IDD	5,743	19,835	21,161	---	10,636	36,731	39,187	-2,456
FORT MOJAVE INDIAN RESERVATION, AZ	11,638	40,536	42,390	---	21,551	75,067	78,500	-3,433
GOLDEN SHORES WATER CONSERVATION DISTRICT	108	276	276	---	162	415	415	0
HAVASU NATIONAL WILDLIFE REFUGE	1,616	3,787	3,563	---	13,467	38,942	41,820	-2,878
LAKE HAVASU CITY	2,727	8,919	9,145	---	4,398	14,385	14,750	-365
CENTRAL ARIZONA PROJECT	605,134	1,456,968		---	605,134	1,456,968		
TOWN OF PARKER	124	423	419	---	280	917	930	-13
COLORADO RIVER INDIAN RESERVATION, AZ	94,057	311,659	334,849	---	203,221	615,314	635,714	-20,400
EHRENBURG IMPROVEMENT ASSOCIATION	89	228	228	---	124	319	319	0
CIBOLA VALLEY ¹	6,114	15,666	15,666	---	8,547	21,903	21,903	0
CIBOLA NATIONAL WILDLIFE REFUGE	4,167	14,151	12,741	1,410	6,720	22,823	20,550	2,273
IMPERIAL NATIONAL WILDLIFE REFUGE	887	2,783	3,019	-236	1,431	4,489	4,868	-379
BLM PERMITEES (PARKER DAM to IMPERIAL DAM)	423	1,085	1,085	---	652	1,670	1,670	0
CHA CHA, LLC	298	1,253	1,365	---	460	1,929	2,100	-171
BEATTIE FARMS	218	725	724	---	335	1,112	1,110	2
YUMA PROVING GROUND	151	472	455	---	151	472	455	17
GILA MONSTER FARMS	2,090	5,104	5,309	---	3,623	8,784	9,156	-372
WELLTON-MOHAWK IDD	107,414	277,832	278,000	-168	153,306	405,913	411,413	-5,500
BLM PERMITEES (BELOW IMPERIAL DAM)	37	96	96	0	57	146	146	0
CITY OF YUMA	5,138	15,076	15,756	-680	8,324	25,099	26,605	-1,506
	451	1,383	1,419	---	451	1,383	1,419	-36
UNION PACIFIC RAILROAD	9	24	24	---	18	48	48	0
UNIVERSITY OF ARIZONA	261	823	783	---	261	823	783	40
YUMA UNION HIGH SCHOOL DISTRICT	42	147	150	---	56	197	200	-3
DESERT LAWN MEMORIAL	16	41	41	---	22	57	57	0
NORTH GILA VALLEY IRRIGATION DISTRICT	2,847	10,341	12,260	---	15,279	42,963	44,200	-1,237
YUMA IRRIGATION DISTRICT	14,891	38,226	39,715	---	26,303	68,406	72,100	-3,694
YUMA MESA IDD	36,032	124,256	126,154	---	70,667	216,280	214,106	2,174
UNIT "B" IRRIGATION DISTRICT	4,226	19,146	21,046	---	8,125	28,293	29,200	-907
FORT YUMA INDIAN RESERVATION	538	1,378	1,378	---	827	2,120	2,120	0
YUMA COUNTY WATER USERS' ASSOCIATION	110,997	248,519	241,268	---	155,754	377,367	375,000	2,367
COCOPA INDIAN RESERVATION	587	2,657	3,180	---	715	3,864	4,850	-986
RECLAMATION-YUMA AREA OFFICE	18	46	46	---	18	46	46	0
RETURN FROM SOUTH GILA WELLS								
TOTAL ARIZONA	1,027,405	2,646,433	2,790,365		1,334,457	3,512,350	3,667,442	
CAP	605,134	1,456,968				1,456,968		
ALL OTHERS	422,271	1,189,465	1,216,200			2,055,382	2,093,277	
YUMA MESA DIVISION, GILA PROJECT	53,770	172,823	178,129	-5,306		327,649		

ARIZONA ADJUSTED APPORTIONMENT CALCULATION

Arizona Basic Apportionment	2,800,000
System Conservation Water - Pilot System Conservation Program ²	-9,635
Total State Adjusted Apportionment	2,790,365
Excess to Total State Adjusted Apportionment	-143,932
Estimated Allowable Use for CAP	1,609,706

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 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 \(Water Accounting Reports\)](#)

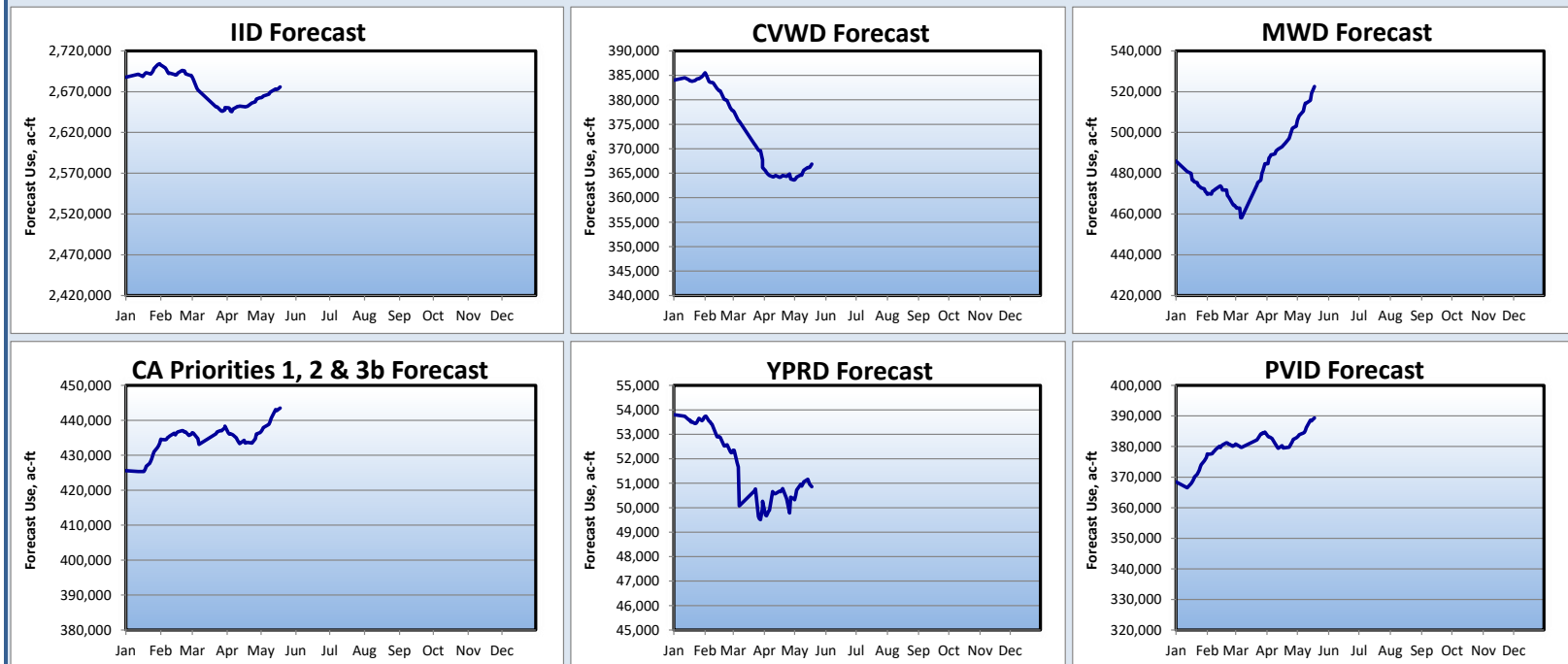
WATER USER	Use To Date	Forecast Use	Estimated Use	Excess to Estimated Use	Diversion To Date	Forecast Diversion	Approved Diversion	Excess to Approved Diversion
	CY2018	CY2018	CY2018	CY2018	CY2018	CY2018	CY2018	CY2018
CALIFORNIA PUMPERS	857	2,197	2,197	---	1,550	3,973	3,973	0
FORT MOJAVE INDIAN RESERVATION, CA	2,435	7,088	8,996	---	4,526	13,175	16,720	-3,545
CITY OF NEEDLES (includes LCWSP use)	463	1,542	1,605	-63	638	2,158	2,261	-103
METROPOLITAN WATER DISTRICT	223,776	522,542	485,952	---	224,907	525,438	488,748	---
COLORADO RIVER INDIAN RESERVATION, CA	1,225	3,138	3,138	---	2,028	5,197	5,197	0
PALO VERDE IRRIGATION DISTRICT	109,565	389,345	368,464	---	245,503	823,826	813,000	10,826
YUMA PROJECT RESERVATION DIVISION	22,623	50,855	53,802	---	40,025	99,185	103,042	-3,857
YUMA PROJECT RESERVATION DIVISION - INDIAN UNIT	---	---	---	---	20,244	46,111	47,842	-1,731
YUMA PROJECT RESERVATION DIVISION - BARD UNIT	---	---	---	---	19,781	53,075	55,200	-2,125
YUMA ISLAND PUMPERS	1,294	3,315	3,315	---	2,340	5,997	5,997	0
FORT YUMA INDIAN RESERVATION - RANCH 5	250	640	640	---	453	1,160	1,160	0
IMPERIAL IRRIGATION DISTRICT	991,577	2,675,948	2,687,800	-11,852	989,446	2,767,564	2,813,387	---
SALTON SEA SALINITY MANAGEMENT	0	0	0	0	0	0	0	---
COACHELLA VALLEY WATER DISTRICT	117,053	366,859	384,000	-17,141	121,311	385,398	402,588	---
OTHER LCWSP CONTRACTORS	293	751	751	---	460	1,178	1,178	0
CITY OF WINTERHAVEN	26	66	66	---	38	98	98	0
CHEMEHUEVI INDIAN RESERVATION	50	129	129	---	4,425	11,340	11,340	0
TOTAL CALIFORNIA	1,471,487	4,024,415			1,637,650	4,645,687	4,668,689	

CALIFORNIA ADJUSTED APPORTIONMENT CALCULATION

California Basic Apportionment	4,400,000
System Conservation Water - Pilot System Conservation ¹	-145
Creation of Extraordinary Conservation ICS (IID)	-25,000
Creation of Extraordinary Conservation ICS (MWD)	-374,000
Total State Adjusted Apportionment	<u>4,000,855</u>
Excess to Total State Adjusted Apportionment	23,560

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 pursuant to a System Conservation Implementation Agreement executed under the Pilot System Conservation Program. This water will remain in Lake Mead to benefit system storage.



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

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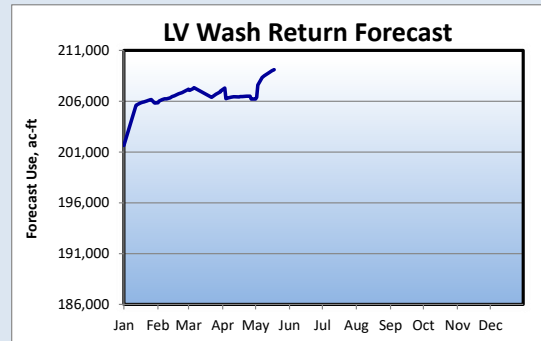
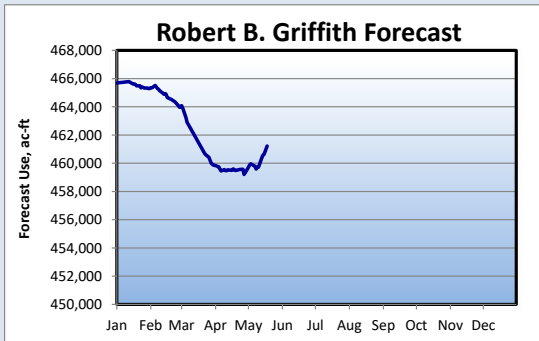
NEVADA WATER USERS
 FORECAST OF END OF YEAR CONSUMPTIVE USE
 FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS

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

WATER USER	Use To Date 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)	148,920	461,227	465,686	-4,459	148,920	461,227	465,686	-4,459
LAKE MEAD NRA, NV - Diversions from Lake Mead	243	1,265	1,500	---	243	1,265	1,500	-235
LAKE MEAD NRA, NV - Diversions from Lake Mohave	92	427	500	---	92	427	500	-73
BASIC MANAGEMENT INC.	1,948	7,450	8,208	---	1,948	7,450	8,208	-758
CITY OF HENDERSON (BMI DELIVERY)	3,748	13,730	15,878	---	3,748	13,730	15,878	-2,148
NEVADA DEPARTMENT OF WILDLIFE	3	10	12	-2	284	930	1,000	---
PACIFIC COAST BUILDING PRODUCTS INC.	307	880	928	---	307	880	928	-48
BOULDER CANYON PROJECT	67	172	172	---	117	300	300	0
BIG BEND WATER DISTRICT	867	4,310	4,741	---	2,013	8,819	10,000	-1,181
FORT MOJAVE INDIAN TRIBE	984	3,571	4,020	---	1,469	5,330	6,000	-670
LAS VEGAS WASH RETURN FLOWS	-84,351	-209,105	-201,645	---				
TOTAL NEVADA	72,828	283,937	300,000	-4,461	159,141	500,358	510,000	-9,572
SOUTHERN NEVADA WATER SYSTEM (SNWS)	64,569	252,122				461,227		
ALL OTHERS	8,259	31,815				39,131		
NEVADA USES ABOVE HOOVER	70,977	276,056				486,209		
NEVADA USES BELOW HOOVER	1,851	7,881				14,149		

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
Total State Adjusted Apportionment	300,000
Excess to Total State Adjusted Apportionment	-16,063



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