

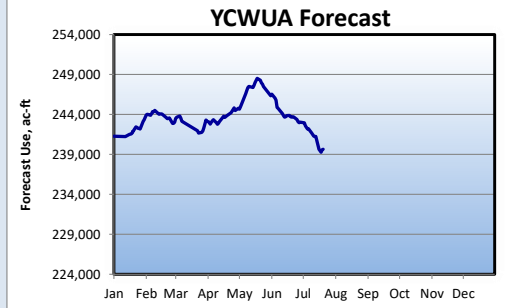
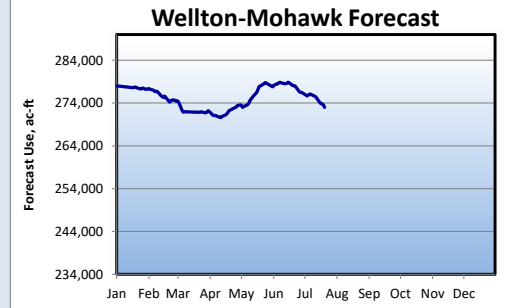
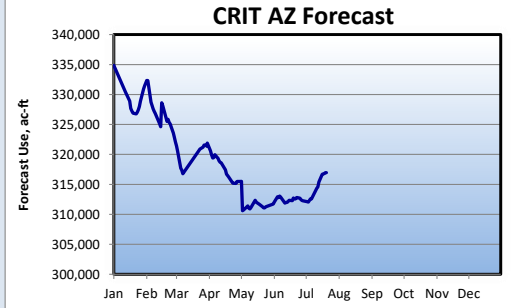
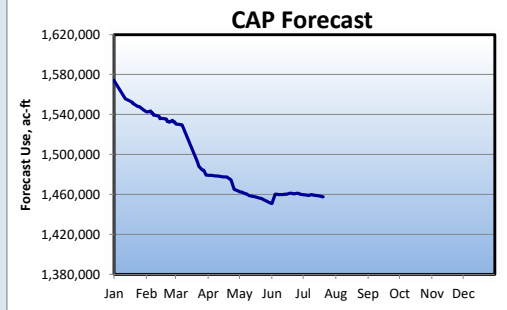
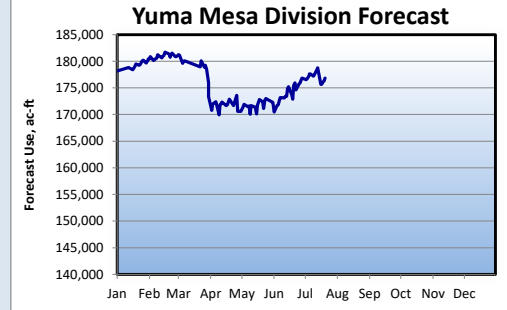
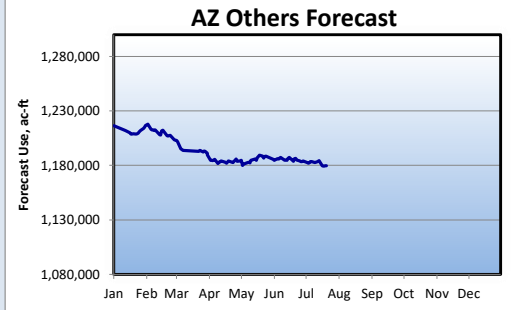
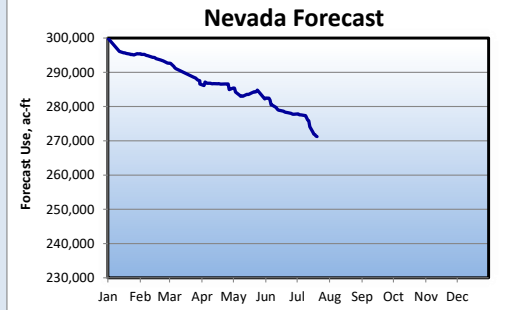
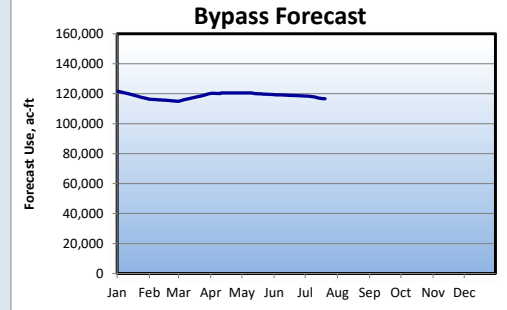
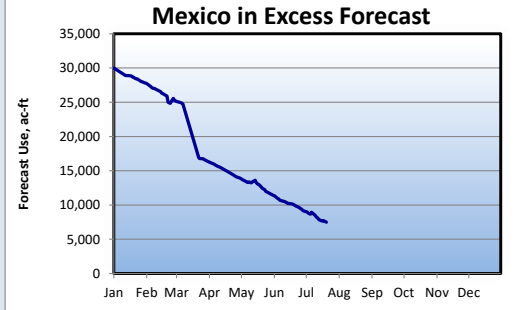
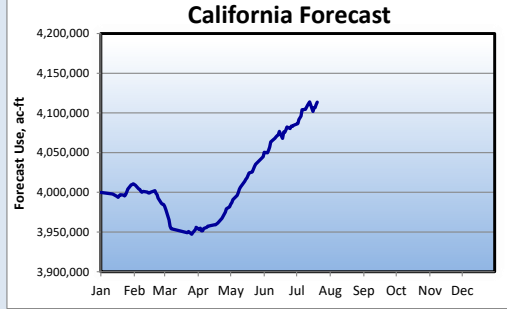
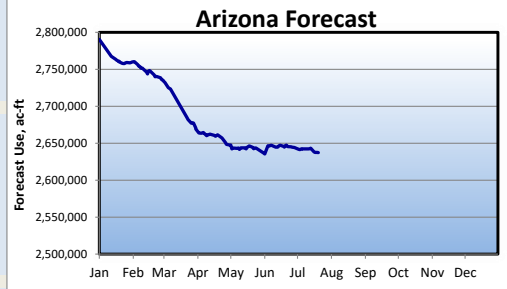
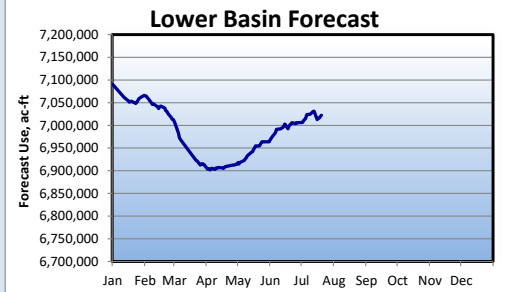
**U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
CY 2018**

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	1,520,658	2,637,331	2,803,865	-166,534
CALIFORNIA	2,455,739	4,113,585	4,000,855	112,730
NEVADA	132,303	271,239	286,500	-15,261
STATES TOTAL ³	4,108,700	7,022,155	7,091,220	-69,065
MEXICO IN SATISFACTION OF TREATY (Including downward delivery) TO MEXICO AS SCHEDULED	977,918 977,222	1,507,490 1,500,000	1,500,000	7,490
MEXICO IN EXCESS OF TREATY	696	7,490		
BYPASS PURSUANT TO MINUTE 242	53,663	116,594		
TOTAL LOWER BASIN & MEXICO	5,140,281	8,646,239		

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	9,189	14,944	14,944	---	14,223	23,132	23,132	0
LAKE MEAD NRA, AZ - Diversions from Lake Mead	37	105	105	---	37	105	105	0
LAKE MEAD NRA, AZ - Diversions from Lake Mohave	126	211	211	---	126	211	211	0
DAVIS DAM PROJECT	1	2	2	---	15	24	24	0
BULLHEAD CITY	3,341	6,366	6,323	---	5,892	11,880	12,720	-840
MOHAVE WATER CONSERVATION DISTRICT	384	625	625	---	573	932	932	0
BROOKE WATER LLC	168	274	274	---	251	408	408	0
MOHAVE VALLEY IDD	10,668	20,312	21,161	---	19,757	37,613	39,187	-1,574
FORT MOJAVE INDIAN RESERVATION, AZ	20,348	36,356	42,390	---	37,682	67,327	78,500	-11,173
GOLDEN SHORES WATER CONSERVATION DISTRICT	170	276	276	---	255	415	415	0
HAVASU NATIONAL WILDLIFE REFUGE	2,554	3,696	3,563	---	23,143	36,531	41,820	-5,289
LAKE HAVASU CITY	4,423	8,763	9,145	---	7,132	14,132	14,750	-618
CENTRAL ARIZONA PROJECT	819,581	1,457,733	---	---	819,581	1,457,733	---	---
TOWN OF PARKER	218	416	419	---	460	895	930	-35
COLORADO RIVER INDIAN RESERVATION, AZ	194,329	316,964	334,849	---	357,817	617,732	635,714	-17,982
EHRENBURG IMPROVEMENT ASSOCIATION	140	228	228	---	196	319	319	0
CIBOLA VALLEY ¹	9,632	15,666	15,666	---	13,467	21,903	21,903	0
CIBOLA NATIONAL WILDLIFE REFUGE	8,133	14,053	12,741	1,312	13,118	22,666	20,550	2,116
IMPERIAL NATIONAL WILDLIFE REFUGE	1,355	2,695	3,019	-324	2,186	4,348	4,868	-520
BLM PERMITEES (PARKER DAM to IMPERIAL DAM)	667	1,085	1,085	---	1,027	1,670	1,670	0
CHA CHA, LLC	755	1,385	1,365	---	1,161	2,130	2,100	30
BEATTIE FARMS	360	695	724	---	554	1,068	1,110	-42
YUMA PROVING GROUND	295	494	455	---	295	494	455	39
GILA MONSTER FARMS	2,950	4,641	5,309	---	5,133	8,031	9,156	-1,125
WELLTON-MOHAWK IDD	161,317	272,980	278,000	-5,020	229,308	400,651	411,413	-10,762
BLM PERMITEES (BELOW IMPERIAL DAM)	59	96	96	0	90	146	146	0
CITY OF YUMA	8,287	15,306	15,756	-450	13,135	25,212	26,605	-1,393
MARINE CORPS AIR STATION	757	1,398	1,419	---	757	1,398	1,419	-21
UNION PACIFIC RAILROAD	13	24	24	---	26	48	48	0
UNIVERSITY OF ARIZONA	456	833	783	---	456	833	783	50
YUMA UNION HIGH SCHOOL DISTRICT	77	140	150	---	104	188	200	-12
DESERT LAWN MEMORIAL	25	41	41	---	35	57	57	0
NORTH GILA VALLEY IRRIGATION DISTRICT	6,140	10,243	12,260	---	25,778	43,259	44,200	-941
YUMA IRRIGATION DISTRICT	21,471	37,223	39,715	---	39,095	67,811	72,100	-4,289
YUMA MESA IDD	72,958	129,381	126,154	---	126,944	219,991	214,106	5,885
UNIT "B" IRRIGATION DISTRICT	8,280	18,015	21,046	---	13,851	26,983	29,200	-2,217
FORT YUMA INDIAN RESERVATION	847	1,378	1,378	---	1,304	2,120	2,120	0
YUMA COUNTY WATER USERS' ASSOCIATION	149,143	239,651	241,268	---	209,932	362,867	375,000	-12,133
COCOPA INDIAN RESERVATION	976	2,591	3,180	---	748	3,208	4,850	-1,642
RECLAMATION-YUMA AREA OFFICE	28	46	46	---	28	46	46	0
RETURN FROM SOUTH GILA WELLS	---	---	---	---	---	---	---	---
TOTAL ARIZONA	1,520,658	2,637,331	2,790,360		1,985,672	3,486,517	3,667,437	
CAP	819,581	1,457,733				1,457,733		
ALL OTHERS	701,077	1,179,598	1,216,195			2,028,784	2,093,272	
YUMA MESA DIVISION, GILA PROJECT	100,569	176,847	178,129	-1,282		331,061		

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	-9,635
Total State Adjusted Apportionment	2,803,865
Excess to Total State Adjusted Apportionment	-166,534

Estimated Allowable Use for CAP**1,628,958**

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 \(Water Accounting Reports\)](#)

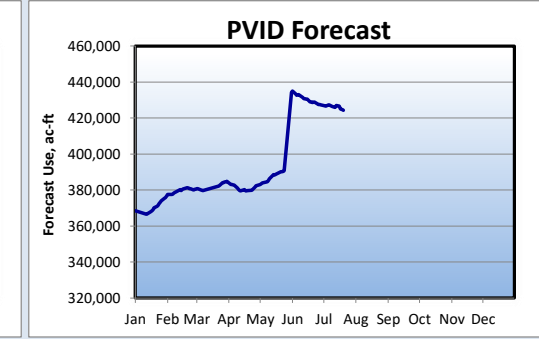
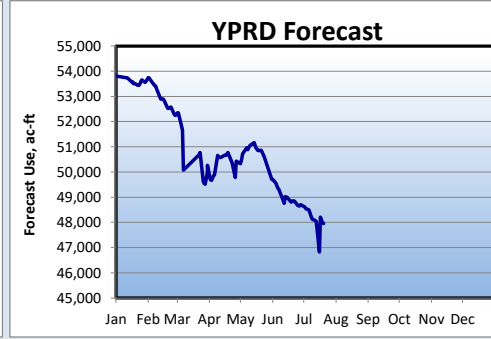
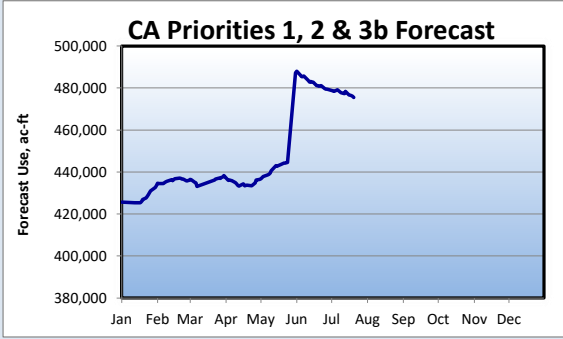
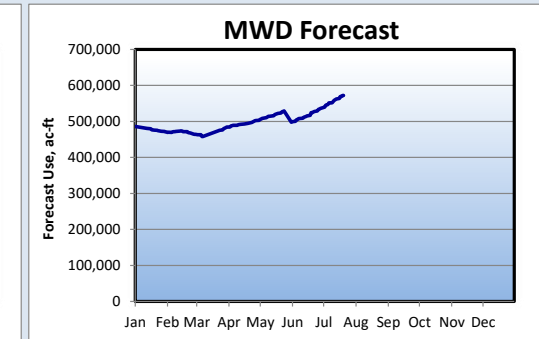
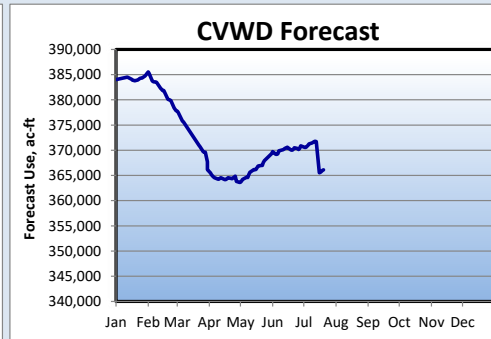
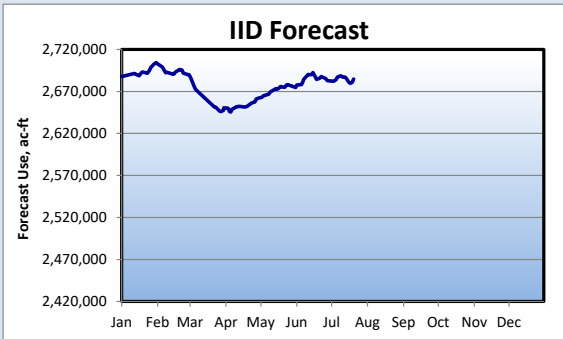
WATER USER	Use	Forecast	Estimated	Excess to	Diversion	Forecast	Approved	Excess to
	To Date	Use	Use	Estimated	To Date	Diversion	Diversion	Approved
	CY2018	CY2018	CY2018	Use	CY2018	CY2018	CY2018	Diversion
				CY2018				CY2018
CALIFORNIA PUMPERS	1,351	2,197	2,197	---	2,443	3,973	3,973	0
FORT MOJAVE INDIAN RESERVATION, CA	4,434	6,805	8,996	---	8,242	12,649	16,720	-4,071
CITY OF NEEDLES (includes LCWSP use)	589	1,327	1,605	-278	1,070	2,109	2,261	-152
METROPOLITAN WATER DISTRICT	413,107	572,201		---	414,754	575,191		---
COLORADO RIVER INDIAN RESERVATION, CA	1,929	3,138	3,138	---	3,195	5,197	5,197	0
PALO VERDE IRRIGATION DISTRICT	212,248	424,227	432,220	---	427,705	855,415	877,500	-22,085
YUMA PROJECT RESERVATION DIVISION	28,812	47,950	53,802	---	54,755	96,146	103,042	-6,896
YUMA PROJECT RESERVATION DIVISION - INDIAN UNIT	---	---	---	---	29,570	48,765	47,842	923
YUMA PROJECT RESERVATION DIVISION - BARD UNIT	---	---	---	---	25,185	47,382	55,200	-7,818
YUMA ISLAND PUMPERS	2,038	3,315	3,315	---	3,687	5,997	5,997	0
FORT YUMA INDIAN RESERVATION - RANCH 5	394	640	640	---	713	1,160	1,160	0
IMPERIAL IRRIGATION DISTRICT	1,593,625	2,684,725	2,687,800	-3,075	1,573,716	2,731,786	2,813,387	---
SALTON SEA SALINITY MANAGEMENT	0	0	0	0	0	0	0	---
COACHELLA VALLEY WATER DISTRICT	196,630	366,114	384,000	-17,886	197,993	378,041	402,588	---
OTHER LCWSP CONTRACTORS	462	751	751	---	724	1,178	1,178	0
CITY OF WINTERHAVEN	41	66	66	---	60	98	98	0
CHEMEHUEVI INDIAN RESERVATION	79	129	129	---	6,973	11,340	11,340	0
TOTAL CALIFORNIA	2,455,739	4,113,585	4,000,855		2,696,030	4,680,280	4,669,433	

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	4,000,855
Excess to Total State Adjusted Apportionment	112,730
Estimated Allowable Use for MWD	459,471

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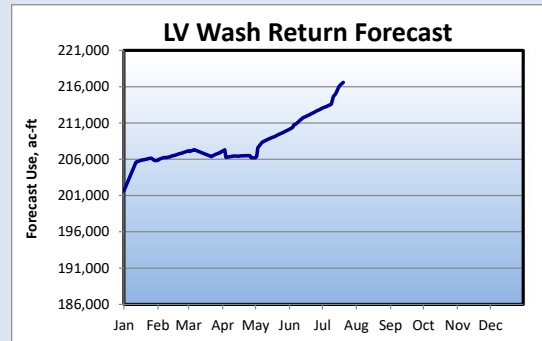
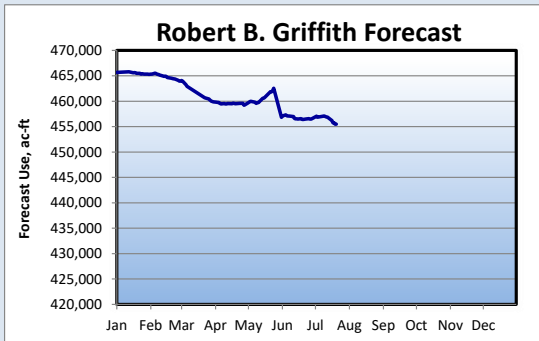
**NEVADA WATER USERS
FORECAST OF END OF YEAR CONSUMPTIVE USE
FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS**

[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)	243,601	455,484	452,186	3,298	243,601	455,484	452,186	3,298
LAKE MEAD NRA, NV - Diversions from Lake Mead	449	1,261	1,500	---	449	1,261	1,500	-239
LAKE MEAD NRA, NV - Diversions from Lake Mohave	159	442	500	---	159	442	500	-58
BASIC MANAGEMENT INC.	3,357	7,535	8,208	---	3,357	7,535	8,208	-673
CITY OF HENDERSON (BMI DELIVERY)	5,973	14,642	15,878	---	5,973	14,642	15,878	-1,236
NEVADA DEPARTMENT OF WILDLIFE	4	9	12	-3	422	939	1,000	---
PACIFIC COAST BUILDING PRODUCTS INC.	433	889	928	---	433	889	928	-39
BOULDER CANYON PROJECT	106	172	172	---	184	300	300	0
BIG BEND WATER DISTRICT	1,538	4,340	4,884	---	3,220	8,764	10,000	-1,236
FORT MOJAVE INDIAN TRIBE	1,537	3,059	4,020	---	2,295	4,566	6,000	-1,434
LAS VEGAS WASH RETURN FLOWS	-124,854	-216,594	-201,788	---				
TOTAL NEVADA	132,303	271,239	286,500	3,295	260,093	494,822	496,500	-1,617
SOUTHERN NEVADA WATER SYSTEM (SNWS)	118,747	238,890				455,484		
ALL OTHERS	13,556	32,349				39,338		
NEVADA USES ABOVE HOOVER	129,228	263,840				481,492		
NEVADA USES BELOW HOOVER	3,075	7,399				13,330		

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	-15,261



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