

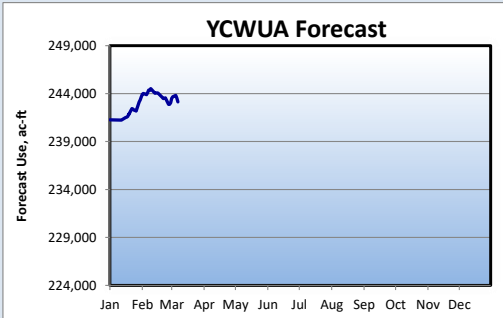
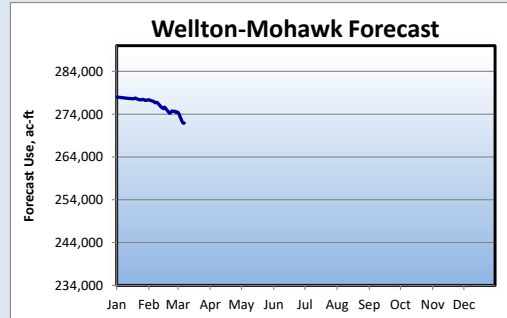
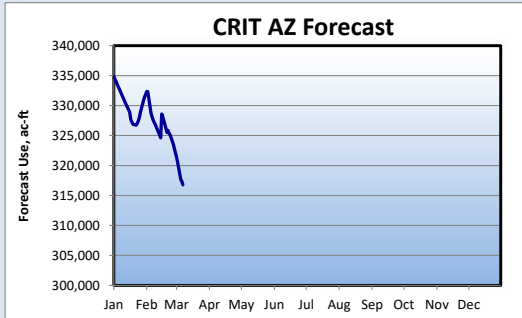
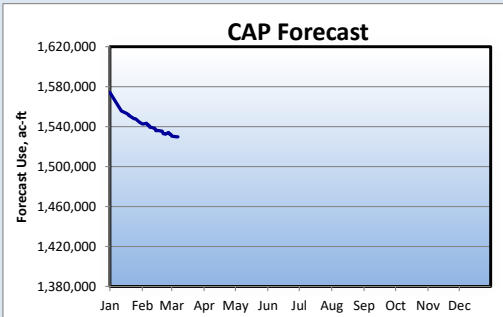
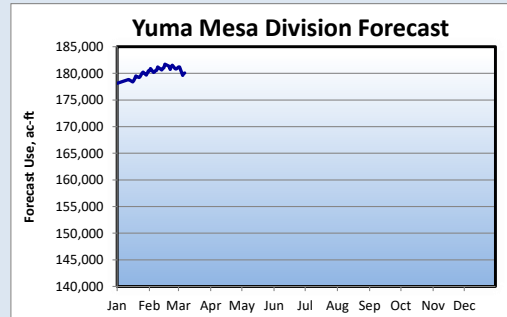
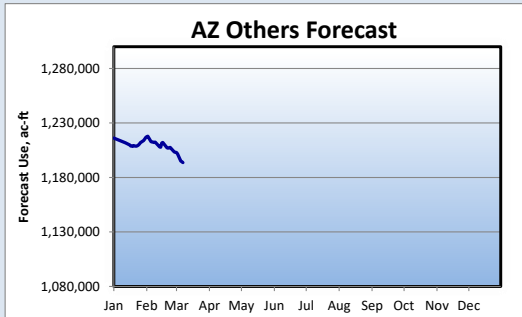
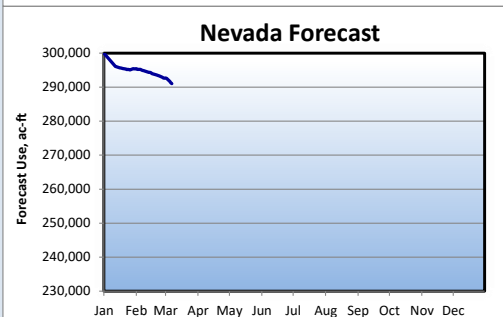
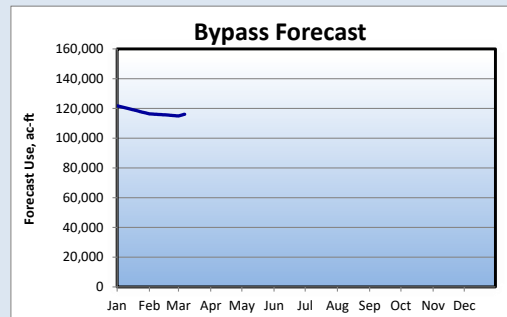
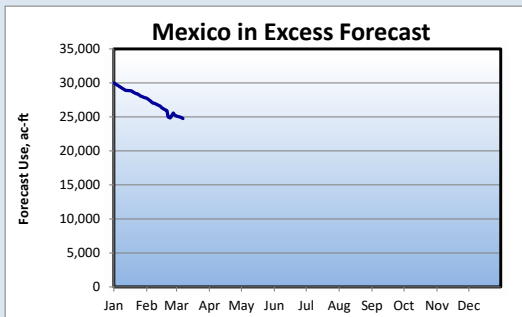
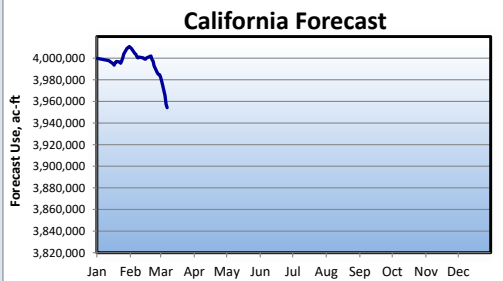
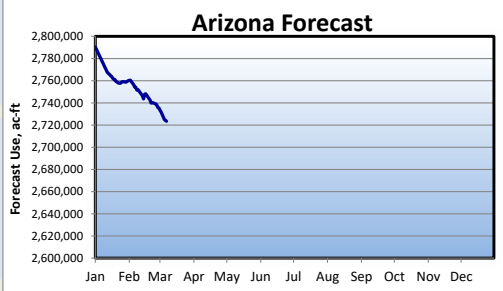
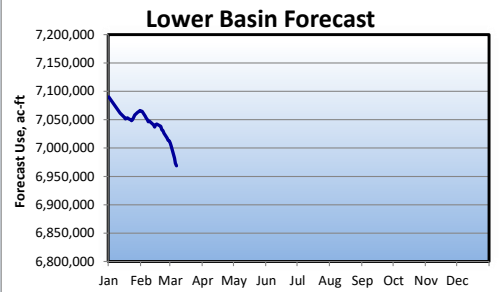
**U.S. BUREAU OF RECLAMATION
LOWER COLORADO REGION
CY 2018**

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	448,510	2,690,230	2,790,365	-100,135
CALIFORNIA	600,975	3,945,930	4,000,855	-54,925
NEVADA	30,938	289,060	300,000	-10,940
STATES TOTAL ³	1,080,423	6,925,220	7,091,220	-166,000
MEXICO IN SATISFACTION OF TREATY (Including downward delivery) TO MEXICO AS SCHEDULED	391,000 390,773	1,516,941 1,500,000	1,500,000	16,941
MEXICO IN EXCESS OF TREATY	227	16,941		
BYPASS PURSUANT TO MINUTE 242	20,980	118,318		
TOTAL LOWER BASIN & MEXICO	1,492,403	8,560,479		

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	2,796	14,944	14,944	---	4,328	23,132	23,132	0
LAKE MEAD NRA, AZ - Diversions from Lake Mead	6	127	127	---	6	127	127	0
LAKE MEAD NRA, AZ - Diversions from Lake Mohave	8	192	192	---	8	192	192	0
DAVIS DAM PROJECT	0	2	2	---	4	24	24	0
BULLHEAD CITY	1,134	6,417	6,323	---	2,169	12,614	12,720	-106
MOHAVE WATER CONSERVATION DISTRICT	117	625	625	---	174	932	932	0
BROOKE WATER LLC	51	274	274	---	76	408	408	0
MOHAVE VALLEY IDD	2,834	20,338	21,161	---	5,249	37,663	39,187	-1,524
FORT MOJAVE INDIAN RESERVATION, AZ	5,133	41,035	42,390	---	9,506	75,990	78,500	-2,510
GOLDEN SHORES WATER CONSERVATION DISTRICT	52	276	276	---	78	415	415	0
HAVASU NATIONAL WILDLIFE REFUGE	108	3,157	3,563	---	907	36,692	41,820	-5,128
LAKE HAVASU CITY	1,542	9,089	9,145	---	2,486	14,659	14,750	-91
CENTRAL ARIZONA PROJECT	288,506	1,496,990	---	---	288,506	1,496,990	---	---
TOWN OF PARKER	17	422	419	---	41	921	930	-9
COLORADO RIVER INDIAN RESERVATION, AZ	26,273	320,378	334,849	---	80,750	622,731	635,714	-12,983
EHRENBURG IMPROVEMENT ASSOCIATION	43	228	228	---	60	319	319	0
CIBOLA VALLEY ¹	2,931	15,666	15,666	---	4,099	21,903	21,903	0
CIBOLA NATIONAL WILDLIFE REFUGE	553	12,741	12,741	0	892	20,550	20,550	0
IMPERIAL NATIONAL WILDLIFE REFUGE	445	2,811	3,019	-208	718	4,533	4,868	-335
BLM PERMITEES (PARKER DAM to IMPERIAL DAM)	203	1,085	1,085	---	312	1,670	1,670	0
CHA CHA, LLC	163	1,332	1,365	---	251	2,050	2,100	-50
BEATTIE FARMS	34	736	724	---	52	1,129	1,110	19
YUMA PROVING GROUND	43	455	455	---	43	455	455	0
GILA MONSTER FARMS	863	5,048	5,309	---	1,508	8,684	9,156	-472
WELLTON-MOHAWK IDD	40,693	271,651	278,000	-6,349	63,875	398,898	411,413	-12,515
BLM PERMITEES (BELOW IMPERIAL DAM)	18	96	96	0	27	146	146	0
CITY OF YUMA	1,298	13,779	15,756	-1,977	3,086	23,894	26,605	-2,711
UNIVERSITY OF ARIZONA	74	783	783	---	74	783	783	0
YUMA UNION HIGH SCHOOL DISTRICT	13	150	150	---	18	200	200	0
DESERT LAWN MEMORIAL	8	41	41	---	11	57	57	0
NORTH GILA VALLEY IRRIGATION DISTRICT	1,748	12,322	12,260	---	6,450	42,940	44,200	-1,260
YUMA IRRIGATION DISTRICT	5,780	38,408	39,715	---	9,555	68,323	72,100	-3,777
YUMA MESA IDD	16,454	128,566	126,154	---	30,163	213,101	214,106	-1,005
UNIT "B" IRRIGATION DISTRICT	2,230	21,427	21,046	---	3,797	29,521	29,200	321
FORT YUMA INDIAN RESERVATION	258	1,378	1,378	---	397	2,120	2,120	0
YUMA COUNTY WATER USERS' ASSOCIATION	44,840	242,303	241,268	---	69,334	373,173	375,000	-1,827
COCOPA INDIAN RESERVATION	1,005	3,497	3,180	---	1,009	4,801	4,850	-49
RECLAMATION-YUMA AREA OFFICE	9	46	46	---	9	46	46	0
RETURN FROM SOUTH GILA WELLS	---	---	---	---	---	---	---	---
TOTAL ARIZONA	448,510	2,690,230	2,790,363		590,260	3,544,225	3,667,440	
CAP	288,506	1,496,990	---	---	---	1,496,990	---	---
ALL OTHERS	160,004	1,193,240	1,216,198	---	---	2,047,235	2,093,275	---
YUMA MESA DIVISION, GILA PROJECT	23,982	179,296	178,129	1,167	---	324,364	---	---

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	-100,135
Estimated Allowable Use for CAP	1,601,035

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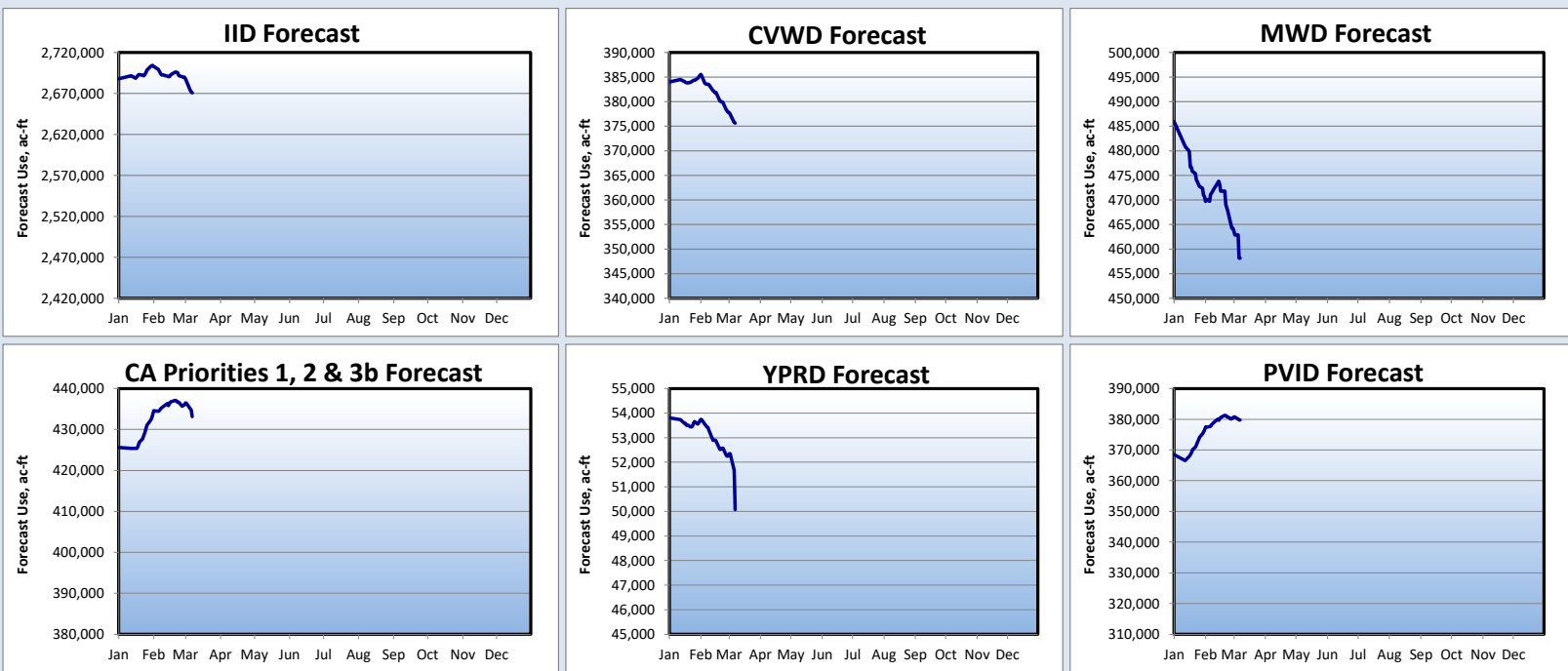
CALIFORNIA WATER USERS
 FORECAST OF END OF YEAR CONSUMPTIVE USE
 FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS
[California Schedules and Approvals](#)
[Historic Use Records \(Water Accounting Reports\)](#)

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	411	2,197	2,197	---	743	3,973	3,973	0
FORT MOJAVE INDIAN RESERVATION, CA	918	8,036	8,996	---	1,707	14,937	16,720	-1,783
CITY OF NEEDLES (includes LCWSP use)	214	1,552	1,605	-53	336	2,221	2,261	-40
METROPOLITAN WATER DISTRICT	74,885	472,861	485,952	---	75,563	475,722	488,748	---
COLORADO RIVER INDIAN RESERVATION, CA	587	3,138	3,138	---	972	5,197	5,197	0
PALO VERDE IRRIGATION DISTRICT	35,629	381,791	368,464	---	109,422	822,003	813,000	9,003
YUMA PROJECT RESERVATION DIVISION	5,659	48,982	53,802	---	15,103	99,291	103,042	-3,751
YUMA PROJECT RESERVATION DIVISION - INDIAN UNIT	---	---	---	---	7,220	46,137	47,842	-1,705
YUMA PROJECT RESERVATION DIVISION - BARD UNIT	---	---	---	---	7,883	53,154	55,200	-2,046
YUMA ISLAND PUMPERS	620	3,315	3,315	---	1,122	5,997	5,997	0
FORT YUMA INDIAN RESERVATION - RANCH 5	120	640	640	---	217	1,160	1,160	0
IMPERIAL IRRIGATION DISTRICT	426,961	2,651,259	2,687,800	-36,541	440,962	2,773,282	2,813,387	---
SALTON SEA SALINITY MANAGEMENT	0	0	0	0	0	0	0	---
COACHELLA VALLEY WATER DISTRICT	54,794	371,213	384,000	-12,787	56,600	389,037	402,588	---
OTHER LCWSP CONTRACTORS	141	751	751	---	220	1,178	1,178	0
CITY OF WINTERHAVEN	12	66	66	---	18	98	98	0
CHEMEHUEVI INDIAN RESERVATION	24	129	129	---	2,122	11,340	11,340	0
TOTAL CALIFORNIA	600,975	3,945,930			705,107	4,605,436	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	4,000,855
Excess to Total State Adjusted Apportionment	-54,925

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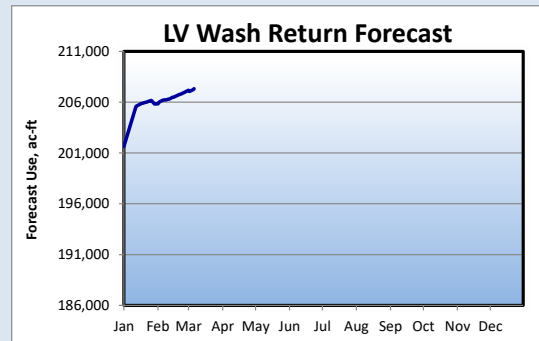
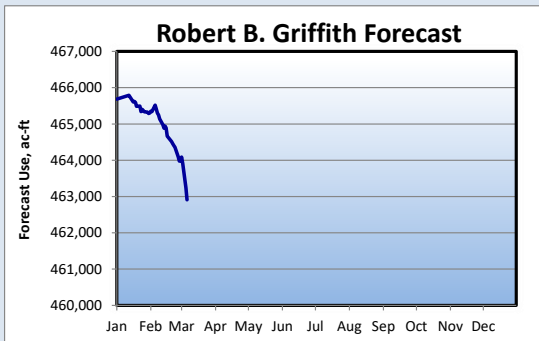
NEVADA WATER USERS
 FORECAST OF END OF YEAR CONSUMPTIVE USE
 FORECAST BASED ON USE TO DATE AND APPROVED ANNUAL WATER ORDERS

[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)	75,832	460,831	465,686	-4,855	75,832	460,831	465,686	-4,855
LAKE MEAD NRA, NV - Diversions from Lake Mead	100	1,344	1,500	---	100	1,344	1,500	-156
LAKE MEAD NRA, NV - Diversions from Lake Mohave	74	476	500	---	74	476	500	-24
BASIC MANAGEMENT INC.	1,324	8,021	8,208	---	1,324	8,021	8,208	-187
CITY OF HENDERSON (BMI DELIVERY)	2,783	15,403	15,878	---	2,783	15,403	15,878	-475
NEVADA DEPARTMENT OF WILDLIFE	2	11	12	-1	161	955	1,000	---
PACIFIC COAST BUILDING PRODUCTS INC.	187	909	928	---	187	909	928	-19
BOULDER CANYON PROJECT	32	172	172	---	56	300	300	0
BIG BEND WATER DISTRICT	382	4,499	4,741	---	956	9,283	10,000	-717
FORT MOJAVE INDIAN TRIBE	304	3,706	4,020	---	454	5,532	6,000	-468
LAS VEGAS WASH RETURN FLOWS	-50,082	-206,312	-201,645	---				
TOTAL NEVADA	30,938	289,060	300,000	-4,856	81,927	503,054	510,000	-6,901
SOUTHERN NEVADA WATER SYSTEM (SNWS)	25,750	254,519				460,831		
ALL OTHERS	5,188	34,541				42,223		
NEVADA USES ABOVE HOOVER	30,252	280,855				488,239		
NEVADA USES BELOW HOOVER	686	8,205				14,815		

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
Excess to Total State Adjusted Apportionment	-10,940



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