SUMMARY WATER REPORT
COLORADO RIVER BASIN
August 5, 2009

RESERVOIR STORAGE (as of August 2)	MAF	ELEV. IN FEET	% of Capacity	July 5, 2009 MAF	ELEV. IN FEET	% of Capacity
Lake Powell	16.116	3,641.0	**66**	16.199	3,641.6	**67**
Flaming Gorge	3.477	6,033.3	**93**	3.415	6,031.7	**91**
Navajo	1.419	6,065.4	**84**	1.480	6,070.0	**87**
Lake Mead	10.990	1,094.3	**42**	11.074	1,095.3	**43**
Lake Mohave	1.646	641.0	**91**	1.638	640.8	**91**
Lake Havasu	0.582	448.1	**94**	0.587	448.4	**95**
Total System Storage	35.476		**60**	35.666		**60**
System Storage Last Year	34.953		**59**	34.922		**59**

		July 9, 2009
WY 2009 Precipitation (Basin Weighted Avg) 10/01/08 through 8/03/09	**103 percent (29.3")**	**106 percent (28.4")**
WY 2009 Snowpack Water Equivalent (Basin Weighted Avg) on day of 8/03/09	**NA (NA)**	**NA (NA)**
(Above two values based on average of data from 116 sites.)		**Observed**

July 31, 2009 Final Forecasted Unregulated Lake Powell Inflow	MAF	% of Normal	July 1, 2009 MAF	% of Avg.
2009 April through July unregulated inflow forecast	7.813	**98 %**	7.550	**95%**
2009 Water Year forecast	11.048	**92 %**	10.785	**90%**

USBR Forecasted Year-End 2009 and 2008 Consum. Use, August 5, 2009 a./ MAF

			2009 Diversion	- Return	Net	2008
Nevada (Estimated Total)			0.503	0.211	0.292	0.269
Arizona (Total)			3.566	0.866	2.700	2.777
CAP Total					1.503	1.562
Az. Water Banking Authority					*0.134*	*0.214*
OTHERS					1.197	1.216
California (Total) b.			4.977	0.674	4.303	4.502
MWD					0.910	0.906
3.85 Agriculture	Total	Conserved			Forecasted	Estimated
IID c.	2.931	-0.263			2.668	2.825
CVWD d.	0.340	-0.030			0.310	0.299
PVID	0.324	0			0.324	0.376
YPRD	0.037	0			0.037	0.045
Island e.	0.006	0			0.006	0.007
Total Ag.	*3.638*	*-0.293*			*3.345*	*3.552*
Others					0.048	0.044
PVID-MWD fallowing to storage					0	0
Arizona, California, and Nevada Total f.			**9.046**	**1.751**	**7.295**	**7.549**

a. Incorporates June USGS monthly data and 75 daily reporting stations which may be revised after provisional data reports are distributed by USGS. Use to date estimated for users reporting monthly and annually.

b. California 2009 basic use apportionment of 4.4 MAF has been adjusted for approved paybacks for 01-02 obligations (3,751 AF), payback of Inadvertent Overrun and Payback Policy overruns (1,349 AF), (25,000 AF) ICS by IID, MWD recovery of interstate underground storage from Arizona (30,000 AF). Plus delivery of System Efficiency ICS (34,000 AF), and 2,750 Af Drop 2 Construction Water.

c. 0.105 MAF conserved by IID-MWD Agreement as amended in 2007: 90,000 AF for SDCWA under the IID-SDCWA Transfer Agreement as amended, 60,000 AF of which is being diverted by MWD; 8,000 AF for CVWD under the IID-CVWD Acquisition Agreement, 59,670 AF from the All-American Canal Lining Project.

d. 26,000 acre-feet conserved by the Coachella Canal Lining Project and 3,751 AF of payback.

e. Includes estimated amount of 6,136 acre-feet of disputed uses by Yuma Island pumpers and 0 acre-feet by Yuma Project Ranch 5 being charged by USBR to Priority 2.

f. Includes unmeasured returns based on estimated consumptive use diversion ratios by user from studies provided by Arizona Dept. of Water Resources, Colorado River Board of California, and Reclamation.

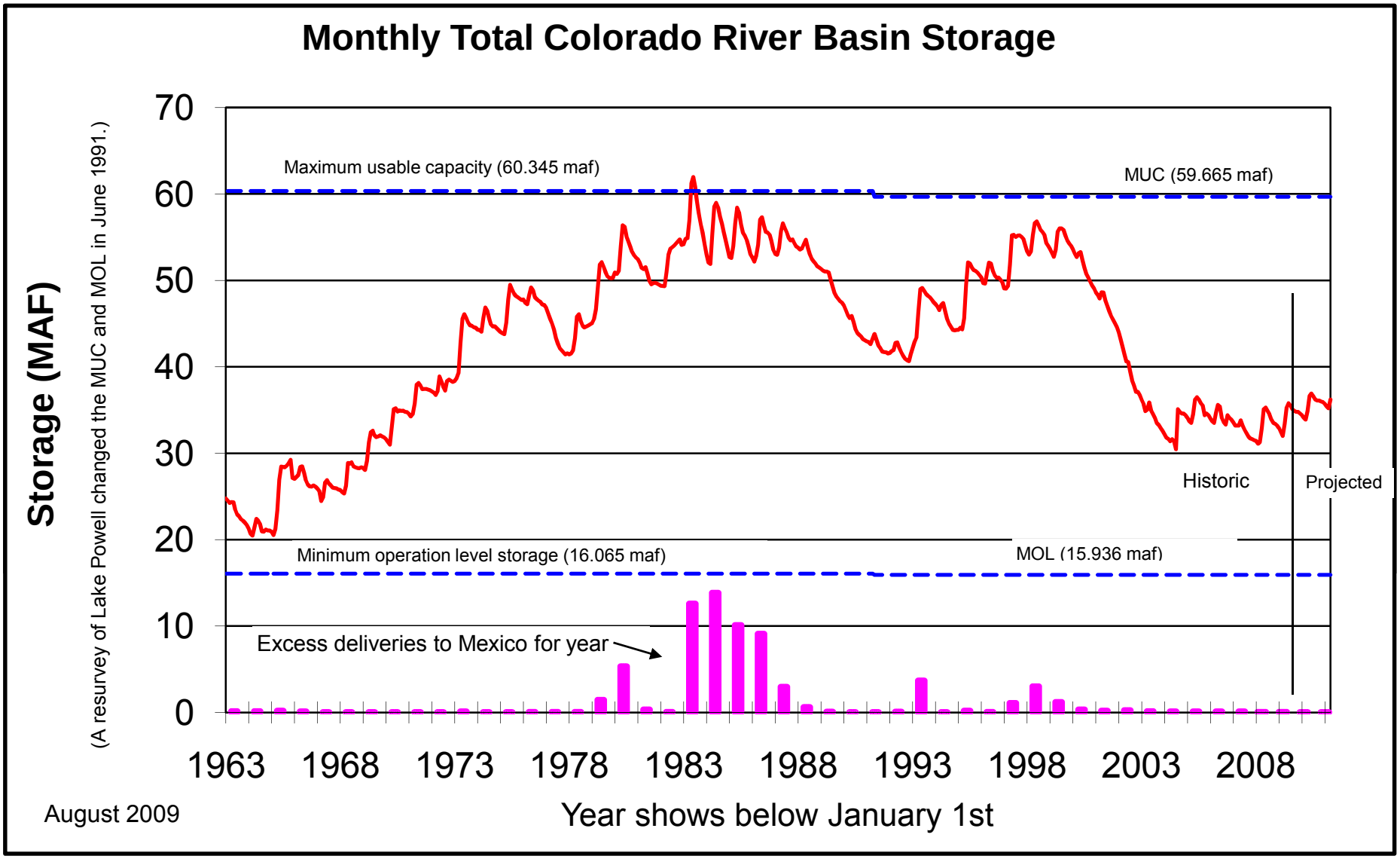
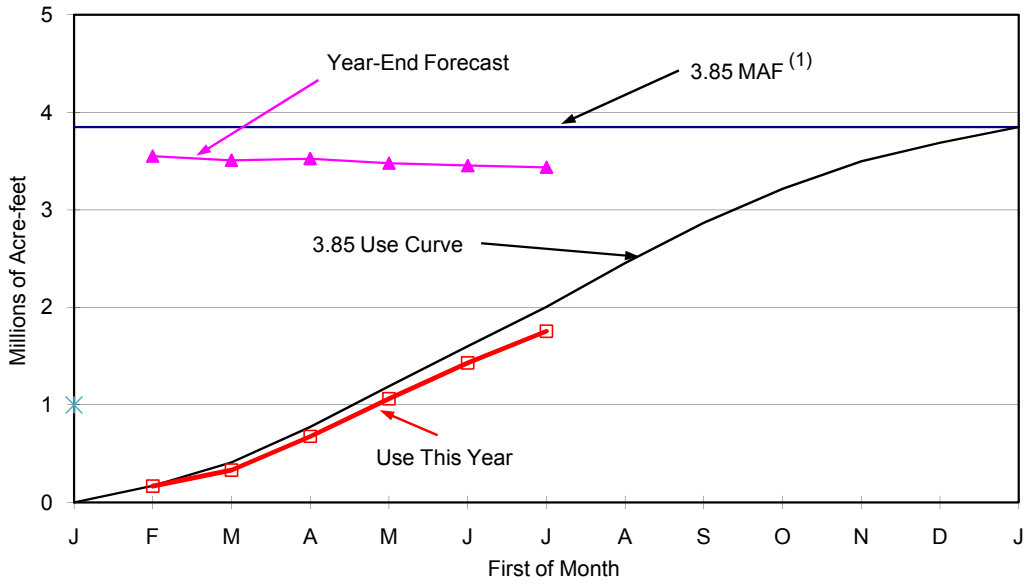

Monthly Total Colorado River Basin Storage
Storage (MAF)
(A resurvey of Lake Powell changed the MUC and MOL in June 1991.)
70
60
50
40
30
20
10
0
Maximum usable capacity (60.345 maf)
MUC (59.665 maf)
Historic
Projected
Minimum operation level storage (16.065 maf)
MOL (15.936 maf)
Excess deliveries to Mexico for year
1963
1968
1973
1978
1983
1988
1993
1998
2003
2008
August 2009
Year shows below January 1st

FIGURE 1
AUGUST 1, 2009 FORECAST YEAR-END COLORADO RIVER WATER USE BY THE CALIFORNIA AGRICULTURAL AGENCIES



Forecast of Colorado River Water Use
by the California Agricultural Agencies
(Millions of Acre-feet)

Month	Use as of First of Month	Forecast of Year End Use	Forecast of Unused Water (1)
Jan	0.000	--------	--------
Feb	0.168	3.551	0.019
Mar	0.332	3.509	0.061
Apr	0.678	3.526	0.044
May	1.064	3.478	0.092
Jun	1.430	3.454	0.116
Jul	1.755	3.437	0.133
Aug			
Sep			
Oct			
Nov			
Dec			
Jan			

(1) The forecast of unused water is based on the availability of 3.600 MAF under the first three priorities of the water delivery contracts. This accounts for the 85,000 af of conserved water available to MWD under the 1988 IID-MWD Conservation agreement and the 1989 IID-MWD-CVWD-PVID Agreement as amended; 60,000 af of conserved water available to SDCWA under the IID-SDCWA Transfer agreement as amended being diverted by MWD; 26,000 af of conserved water available to SDCWA and MWD as a result of the Coachella Canal Lining Project; 59,670 af of water projected to be available toSDCWA and MWD as a result of the All-American Canal Lining Project; 14,500 af ofwater IID and CVWD are forbearing to permit the Secretary of the Interior to satisfy aportion of Indian and miscellaneous present perfected rights use; 3,751 af of California Agricultural water paybacks; and 25,000 af of Intentionally Created Surplus by IID 2007. As USBR is charging disputed uses by Yuma islandpumpers to Priority 2, the amount of unused water has been reduced by those uses -6,136 af. The CRB does not concur wirh USBR's viewpoint on this matter.

COLORADO RIVER BOARD OF CALIFORNIA

July 28, 2009

COLORADO RIVER WATER REPORT

The following report summarizes data obtained from provisional reports of the U.S. Geological Survey, U.S. Bureau of Reclamation, International Boundary and Water Commission, and Imperial Irrigation District.

I. Active Surface Storage[1/] in Reservoirs at end of Month (Thousand Acre-feet).

June 2009

Upper Basin	Storage	Elevation in feet	% of Capacity	Change During Month	Change from 2008
Lake Powell	16,061	3,640.5	66%	1,310	1,090
Flaming Gorge	3,342	6,029.8	89%	351	322
Fontenelle	330	6,504.0	96%	99	32
Navajo	1,479	6,069.9	87%	-36	109
Blue Mesa	826	7,519.0	100%	50	135
Morrow Point	116	7,158.2	99%	3	5
Crystal	17	6,753.3	95%	0	-0
Sub-total	22,171		71%	1,777	1,693
Lower Basin					
Lake Mead	11,071	1,095.3	42%	-146	-870
Lake Mohave	1,669	641.9	92%	-67	-40
Lake Havasu	590	448.5	95%	-4	-2
Sub-total	13,330		47%	-217	-912
Upper and Lower BasinTotal	35,501 [2/]		60%	1,560	781

1/ Figures shown do not include reservoir dead storage.

2/ Storage above minimum operation level is 33,501 - 15,936 = 19,565 thousand acre-feet. Minimum operation level (15,936 thousand acre-feet) is defined as the sum of active content at minimum power pool plus minimum active content required to make surface diversions at Lake Havasu and Navajo Reservoir.

II. Upper Basin Discharge (Acre-feet).

Station	Meas. Flow June 2009	Cumulative Flow October thru June	Meas. Flow Adjusted for CRSP Surface Storage Changes: June 2009	Meas. Flow Adjusted for CRSP Surface Storage Changes: % of June 87- year average (1922-2008 water years)
Green River at Green River, Utah	788,800	2,968,000	1,139,900	107%
Colorado River near Cisco, Utah	1,073,000	4,517,200	1,126,300	87%
San Juan River near Bluff, Utah	180,300	806,000	144,600	41%
At Lee Ferry (Compact Point)	670,500	6,133,400	2,349,000	85%

III. Lower Basin Discharge (Acre-feet).

Station	June 2009	Cumulative Flow October thru June
Below Hoover Dam	749,800	6,996,500
Below Davis Dam	858,900	7,196,200
Below Parker Dam	610,800	4,708,600
Above Imperial Dam	471,900	3,998,500

IV. Consumptive Use of Lower Colorado River Mainstream Water (Acre-feet).
June, 2009

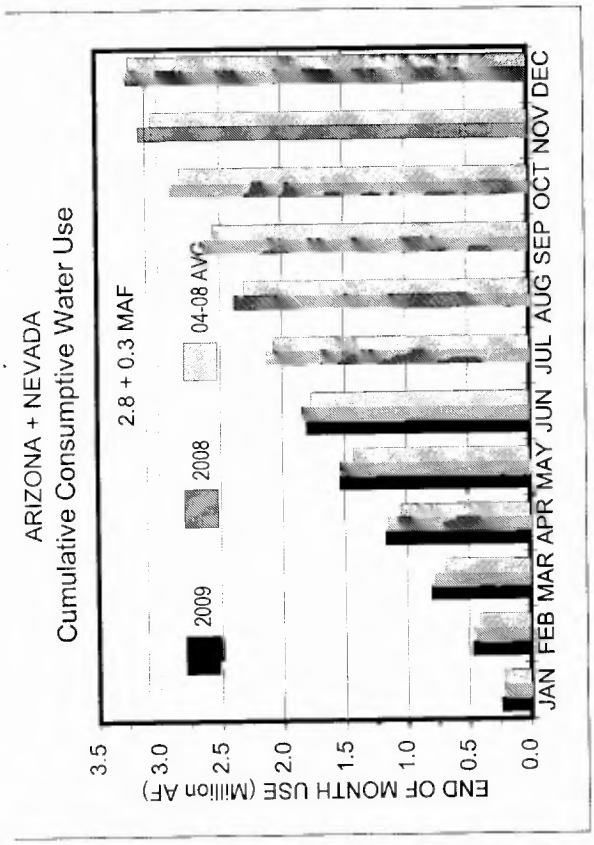
California Users	Diversion	Return	Consumptive Use	Change in Cons.Use From Jun. 2008	Cumulative Cons. Use January thru June	Change from prev. Jan. thru Jun.	12 Months thru June
Palo Verde Irrig. Dist.	86,140	37,560	48,580	-12,380	185,000	-43,510	382,520
Yuma Proj. (Res. Div.) b/	3,540	2,400	1,140	-1,600	23,680	-8,510	38,400
Imperial Irrig. Dist. a/	244,810		244,810	-42,500	1,387,850	-159,340	2,660,910
Salton Sea Mitigation	520		520	-1,110	15,750	6,490	32,540
USBR SaltonSea Operations	0		0	0	0	0	0
IID plus Salton Sea Mitigation	245,330		245,330	-43,610	1,403,600	-152,850	2,693,450
Coachella Val. Wat. Dist. a/	29,790		29,790	-2,970	141,900	2,770	301,300
Subtotal	364,800	39,960	324,840	-60,560	1,754,180	-202,100	3,415,670
Fort Mojave Ind. Res. c/	4,000		4,000	0	10,520	0	24,760
Cal. Miscellaneous d/	4,830		4,830	0	15,950	0	34,000
Metropolitan Water Dist.	98,090	420	97,670	3,780	576,210	114,450	1,022,680
Total	471,720	40,380	431,340	-56,780	2,356,860	-87,650	4,497,110
Arizona Users							
Central Arizona Project	93,580		93,580	-32,720	944,870	-11,350	1,550,280
Colorado River Ind. Res.	70,240	19,050	51,190	-3,970	246,830	19,380	451,880
Gila Gravity Main Canal	76,120	18,580	57,540	450	267,700	-17,700	507,340
Yuma Proj. (Valley Div.)	20,530	11,370	9,160	-2,870	118,240	-23,010	202,930
Fort Mojave Ind. Res. c/	9,180		9,180	0	40,830	0	85,130
Havasu Nat. Wildlife Ref.	3,380	0	3,380	-2,260	24,170	-1,320	36,060
Arizona Miscellaneous d/	9,700		9,700	0	40,720	0	85,000
Total	282,730	49,000	233,730	-41,370	1,683,360	-34,000	2,918,620
Nevada Users							
From Lake Mead b/	41,000	9,430	31,570	-3,150	122,450	-4,570	291,890
Mohave Steam Plant	40		40	0	240	10	490
Total	41,040	9,430	31,610	-3,150	122,690	-4,560	292,380
Total Consumptive Use (Ariz., Cal., Nev.)	795,490	98,810	696,680	-101,300	4,162,910	-126,210	7,708,110

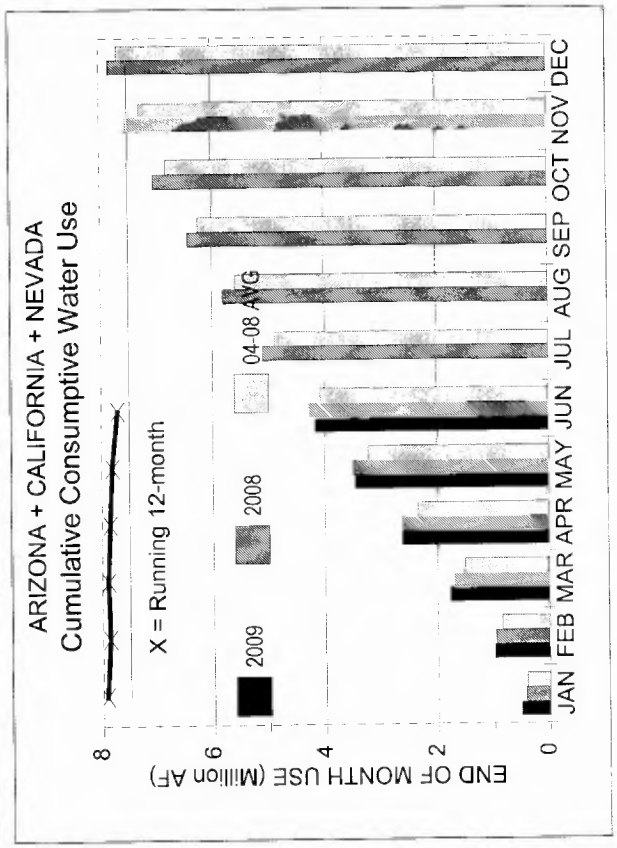
a. Based on measurements below Pilot Knob (assumed to be equal to USBR Article V data after credit is given for unmeasured California return flows between Imperial Dam and Pilot Knob). In addition, Salton Sea mitigation is not part of IID's use but is included in IID total diversion. IID diversions for April are not available

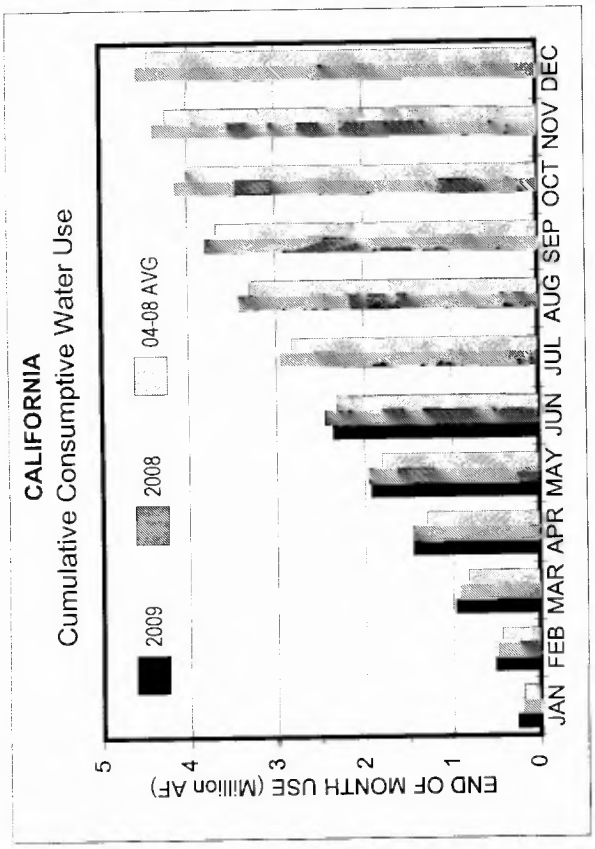
b. Return flow estimates based on averages of past returns as calculated by USBR for Article V data.

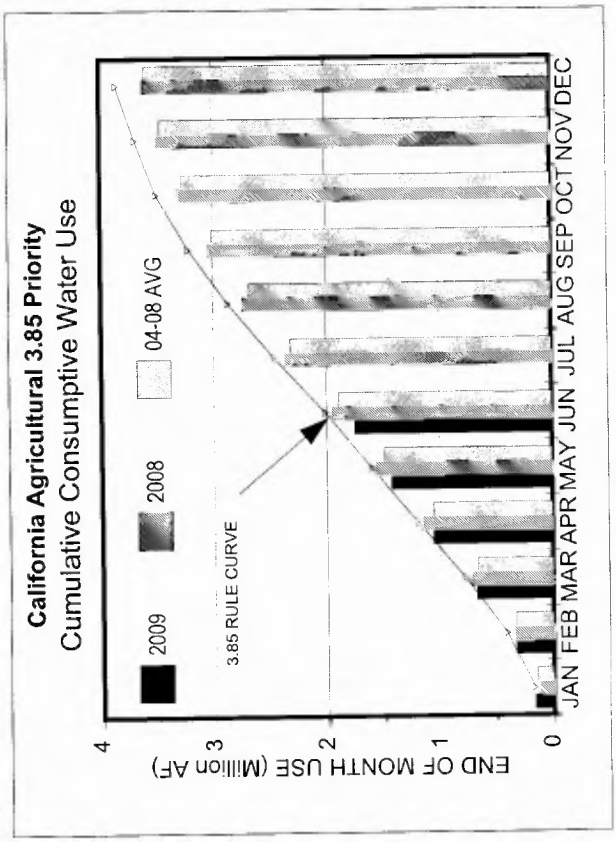
c. Assumed equal to August, 1983 use estimated by Fort Mojave Indian Tribe.

d. An estimated residual made by the Colorado River Board of California combining such items as small diversions along the river, unmeasured groundwater return flow, etc., which, when combined with other quantities listed to arrive at the State's total, presents an estimate of the State's Consumptive use of Lower Colorado River water.


ARIZONA + NEVADA
Cumulative Consumptive Water Use
2.8 + 0.3 MAF
2009
2008
04-08 AVG
END OF MONTH USE (Million AF)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


ARIZONA + CALIFORNIA + NEVADA
Cumulative Consumptive Water Use
X = Running 12-month
2009
2008
04-08 AVG
END OF MONTH USE (Million AF)
8
6
4
2
0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


CALIFORNIA
Cumulative Consumptive Water Use
2009
2008
04-08 AVG
END OF MONTH USE (Million AF)
5
4
3
2
1
0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC


California Agricultural 3.85 Priority
Cumulative Consumptive Water Use
2009
2008
04-08 AVG
3.85 RULE CURVE
END OF MONTH USE (Million AF)
4
3
2
1
0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

July 31, 2009 Final Forecast of Colorado River Flow into Lake Powell (1) (Million Acre-feet)

	USBR and National Weather Service		Change From Last Month's Projected	
	April-July 2009	Water Year 2009	April-July 2009	Wat Yr 2009
Maximum (2)	8.113	11.648	0.563	0.863
Mean	7.813 *	11.048 **	0.263	0.263
Minimum (2)	7.413	10.248	-0.137	-0.537

* This month's A-J observed is 98% of the 30-year A-J average shown below.
** This month's W-Y observed is 92% of the 30-year W-Y average shown below.

Comparison with past records of Colorado River inflow into Lake Powell (at Lee Ferry prior to 1962)

	April-July Flow	Water Year Flow
Long-Time Average (1922-2008)	7.741	11.519
30-yr. Average (1961-90)	7.735	11.724
10-yr. Average (1999-2008)	5.203	8.449
Max. of Record	15.404 (1984)	21.873 (1984)
Min. of Record	1.115 (2002)	3.058 (2002)
Year 2000	4.352	7.310
Year 2001	4.301	6.955
Year 2002	1.115	3.058
Year 2003	3.918	6.358
Year 2004	3.640	6.128
Year 2005	8.810	12.614
Year 2006	5.318	8.769
Year 2007	4.052	8.231
Year 2008	8.906	12.356
Total Years 2000 - 2004	17.326	29.809
5-Year Average (2000-2004)	3.465	5.962

(1) Under conditions of no other Upper Basin reservoirs.

(2) USBR and NWS forecasts indicate the probability of 95 percent of the time the actual flow will not exceed the maximum value, and will not be less than the minimum value.

VI. Scheduled Flows to Mexico — Arrivals and excess arrivals of Water for Calendar Year 2009

(Acre-feet)

	(1) Scheduled Flow	(2) Total Arrivals	(3) Excess Arrivals in accord with Minute 242	(4) Other Excess Arrivals	(5) Total Excess Arrivals	(6) Cumulative Excess Arrivals	(7) Flow Through NIB and Limitrophe	(8) Flow By-Pass Southerly International Boundary
Jan.	119,427	131,137	10,033	1,677	11,710	11,710	108,313	10,024
Feb.	152,979	171,990	9,433	9,578	19,011	30,721	151,373	9,433
March	208,455	219,177	10,164	558	10,722	41,443	195,714	10,164
April	199,629	215,258	9,702	5,927	15,629	57,072	192,856	9,702
May	112,759	132,812	10,422	9,631	20,053	77,125	110,896	10,422
June	112,353	123,213	9,645	1,215	10,860	87,985	102,298	9,645
July	119,428							
August	93,370							
Sept.	89,307							
Oct.	73,828							
Nov.	102,966							
Dec.	115,505							
	1,500,006	993,587	59,399	28,586			861,450	59,390

Column (1). Flow schedule requested by Mexico. In surplus years as determined by the United States, Mexico can schedule up to 1.7 rather than 1.5 million acre-feet.

(2). Total Colorado River waters reaching Mexico. It is the sum of: 1) Colorado River water measured at the Northerly International Boundary, 2) drainage waters measured at the Southerly International Boundary near San Luis, Arizona, and 3) Wellton-Mohawk drainage waters measured at the Southerly International Boundary. It is the sum of Columns (1) + (5).

(3). Arizona's Wellton-Mohawk Irritation and Drainage District drainage water. This water is discharged to the Santa Clara Slough in Mexico via a concrete-lined canal.

(4). Excess arrivals other than Wellton-Mohawk drainage. It is the sum of: 1) a delivery of about 5,000 a. f. per year to ensure that Mexico receives what is scheduled, 2) releases from Parker Dam which are not used due to unexpected rainfall in the Palo Verde, Coachella, Imperial, and and Yuma areas, 3) controlled flood releases on the Gila and Colorado River, and 4) local runoff.

(5). Sum of Columns (3) and (4).

(6). Cumulation of Column (5).

(7). Including Colorado River flow at the Northerly International Boundary plus flow from Cooper, 11-mile, and 21-mile spillways.

(8). Including flow at the Southerly International Boundary, from the East and West Main canals, Yuma Valley Main, 242 Lateral plus diversions from Lake Havasu for Tijuana.

WEIGHTED MONTHLY SALINITY AT
SELECTED COLORADO RIVER STATIONS
AND RUNNING 12-MONTH NIB-IMPERIAL FLOW-WEIGHTED SALINITY DIFFERENTIAL
(in parts per million)

	Below Hoover Dam			Below Parker Dam 3/			Palo Verde 3/ Canal Near Blythe			At Imperial Dam			At Northerly International Boundary			Running 12-Month Flow-Wtd. Differential 2/	
	5-Year avg.1/			5-Year avg.1/			5-Year avg.1/			5-Year avg.1/			5-Year avg.1/				
Month	1974-78	2008	2009	1974-78	2008	2009	1974-78	2008	2009	1974-78	2008	2009	1974-78	2008	2009	2008	2009
Jan.	690	685	665	709	685		751	713		913	717	768	1,041	821	933	130.7	146.4
Feb.	675	692	655	706	678		732	682		835	675	745	998	822	862	135.9	145.5
March	684	674	649	699	668		727	686		805	717	703	925	803	804	139.4	147.0
April	680	659	636	700	675		714	697		801	699	710	892	805	798	144.9	144.6
May	677	676	646	698	681		709	696		822	725	727	962	914	907	141.4	144.0
June	678	648	637	695	671		712	686		812	718		956	896		137.1	
July	682	655		688	683		709	701		797	720		909	865		137.3	
August	690	641		686	677		706	692		800	734		907	894		135.7	
Sept.	672	646		686	676		737	693		815	747		952	944		139.3	
Oct.	680	638		689	657		739	689		854	758		1,070	1,010		139.6	
Nov.	682	642		692	674		746	705		897	765		1,010	931		140.2	
Dec.	681	651		702	671		731	723		877	834		999	912		140.5	

General Notes:

1/ 5-Year averages are arithmetical.
2/ 12-month flow-weighted differential between NIB and Imperial Dam through month shown in left column.
3/ Operational values only.
4/ Preliminary