



February 11, 2014

Mr. Terry Fulp  
Regional Director  
Bureau of Reclamation  
P.O. Box 61470  
Boulder City, NV 89006

Subject: CAP System Operations Forecast - Modified for Calendar Year 2014

Dear Mr. Fulp:

Attached for your information and use is the planned monthly Colorado River diversion schedule and operations forecast for Central Arizona Project (CAP) water deliveries in calendar year 2014. This operational schedule will supersede any previous estimates sent to the Bureau of Reclamation.

CAP has planned its 2014 diversions to divert Arizona's full 2.8 MAF apportionment, minus up to 9,000 acre-feet of water conserved by the Yuma Mesa Irrigation and Drainage District (YMIDD) under a pilot fallowing program (Pilot Program) between YMIDD and CAP, acting in its capacity as the Central Arizona Groundwater Replenishment District. The actual amount of conservation will be verified by Reclamation and published in the final Water Accounting Report for 2014. Water conserved under the Pilot Program will be left in storage in Lake Mead as system water and will not be available to CAP for future use.

CAP requests approval to adjust pumping to the amount available to CAP, as shown on Reclamation's website. In the event that Arizona's final 2014 use is below its adjusted apportionment, CAP requests that the unused amount be left in system storage.

If you have any questions or require additional information, please contact me at (623) 869-2567 or Patrick Dent at (623) 869-2581.

Sincerely,

A handwritten signature in cursive script that reads "Brian Henning".

Brian Henning, P.E.  
Water Control Manager  
Central Arizona Project

Attachment

cc: Gerry Wildeman, Arizona Department of Water Resources  
Randy Chandler, Bureau of Reclamation – Phoenix Area Office  
Paul Matuska, Bureau of Reclamation – Boulder City Office

**CENTRAL ARIZONA PROJECT  
QUARTERLY SYSTEM DEMAND FORECAST**

(acre-feet)  
Calendar Year  
2014

Revised: 11/7/2013

	JAN	FEB	MAR	1st Qtr	APR	MAY	JUN	2nd Qtr	JUL	AUG	SEP	3rd Qtr	OCT	NOV	DEC	4th Qtr	TOTAL
<b>TOTAL CUSTOMER DELIVERIES</b>	72,610	83,028	130,432	<b>286,070</b>	184,529	200,992	193,370	<b>578,891</b>	198,065	184,811	121,881	<b>504,757</b>	91,561	55,806	58,536	<b>205,903</b>	<b>1,575,621</b>
<b>TOTAL CANAL LOSSES</b>	739	1,283	2,185	<b>4,207</b>	2,959	3,425	3,464	<b>9,848</b>	3,382	2,663	2,559	<b>8,604</b>	2,343	1,892	1,423	<b>5,658</b>	<b>28,317</b>
<b>MWD LAKE STORAGE THRU T/O</b>	0	1,778	2,624	<b>4,402</b>	2,218	2,689	2,649	<b>7,556</b>	1,977	1,410	1,301	<b>4,688</b>	1,897	3,570	1,040	<b>6,507</b>	<b>23,153</b>
<b>SRP/CAP EXCHANGE WATER</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>WADDELL PUMPING</b>	47,000	58,000	49,000	<b>154,000</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	42,000	71,000	69,000	<b>182,000</b>	<b>336,000</b>
<b>WADDELL RELEASES</b>	(31,000)	0	0	<b>(31,000)</b>	(14,000)	(24,000)	(70,000)	<b>(108,000)</b>	(114,000)	(100,000)	0	<b>(214,000)</b>	0	0	0	<b>0</b>	<b>(353,000)</b>
<b>COLORADO RIVER DIVERSIONS</b>	89,349	144,089	184,241	<b>417,679</b>	175,706	183,106	129,483	<b>488,295</b>	89,424	88,884	125,741	<b>304,049</b>	137,801	132,268	129,999	<b>400,068</b>	<b>1,610,091</b>

	JAN	FEB	MAR	1st Qtr	APR	MAY	JUN	2nd Qtr	JUL	AUG	SEP	3rd Qtr	OCT	NOV	DEC	4th Qtr	TOTAL
<b>TOTAL SYSTEM DELIVERIES</b>																	
<b>MUNICIPAL &amp; INDUSTRIAL:</b>																	
<b>Subcontract</b>	31,002	27,668	34,156	<b>92,826</b>	40,947	39,143	38,450	<b>118,540</b>	51,207	52,053	53,089	<b>156,349</b>	52,104	34,630	32,717	<b>119,451</b>	<b>487,166</b>
<b>Non-Subcontract (direct use excess)</b>	225	231	285	<b>741</b>	386	504	587	<b>1,477</b>	783	748	638	<b>2,169</b>	661	336	299	<b>1,296</b>	<b>5,683</b>
<b>CAGR D (xs replenishment obligation)</b>	2,715	3,270	2,475	<b>8,460</b>	1,930	8,055	5,003	<b>14,988</b>	3,666	100	70	<b>3,836</b>	1,035	15	10	<b>1,060</b>	<b>28,344</b>
<b>Salt River Project XS</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>Temporary Water Use Permits</b>	65	70	80	<b>215</b>	90	90	100	<b>280</b>	100	100	90	<b>290</b>	80	70	65	<b>215</b>	<b>1,000</b>
<b>Miscellaneous</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>TOTAL M&amp;I</b>	<b>34,007</b>	<b>31,239</b>	<b>36,996</b>	<b>102,242</b>	<b>43,353</b>	<b>47,792</b>	<b>44,140</b>	<b>135,285</b>	<b>55,756</b>	<b>53,001</b>	<b>53,887</b>	<b>162,644</b>	<b>53,880</b>	<b>35,051</b>	<b>33,091</b>	<b>122,022</b>	<b>522,193</b>
<b>AGRICULTURAL:</b>																	
<b>Drought</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>AG Pool</b>	9,673	15,734	29,556	<b>54,963</b>	48,993	54,191	58,708	<b>161,892</b>	61,968	63,675	31,712	<b>157,355</b>	14,375	4,824	6,591	<b>25,790</b>	<b>400,000</b>
<b>Surplus</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>TOTAL AG</b>	<b>9,673</b>	<b>15,734</b>	<b>29,556</b>	<b>54,963</b>	<b>48,993</b>	<b>54,191</b>	<b>58,708</b>	<b>161,892</b>	<b>61,968</b>	<b>63,675</b>	<b>31,712</b>	<b>157,355</b>	<b>14,375</b>	<b>4,824</b>	<b>6,591</b>	<b>25,790</b>	<b>400,000</b>
<b>FEDERAL:</b>																	
<b>On Reservation</b>	4,794	9,699	14,229	<b>28,722</b>	22,524	25,035	25,056	<b>72,615</b>	28,791	23,792	12,876	<b>65,459</b>	11,349	2,743	7,073	<b>21,165</b>	<b>187,961</b>
<b>Off Reservation</b>	18,236	19,856	37,051	<b>75,143</b>	59,138	69,092	60,419	<b>188,649</b>	46,881	35,510	11,297	<b>93,688</b>	9,095	7,835	6,649	<b>23,579</b>	<b>381,059</b>
<b>TOTAL FEDERAL</b>	<b>23,030</b>	<b>29,555</b>	<b>51,280</b>	<b>103,865</b>	<b>81,662</b>	<b>94,127</b>	<b>85,475</b>	<b>261,264</b>	<b>75,672</b>	<b>59,302</b>	<b>24,173</b>	<b>159,147</b>	<b>20,444</b>	<b>10,578</b>	<b>13,722</b>	<b>44,744</b>	<b>569,020</b>
<b>RECHARGE<sup>1</sup>:</b>																	
<b>Direct (excess)</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	1,470	<b>1,470</b>	0	0	0	<b>0</b>	<b>1,470</b>
<b>Direct AWBA</b>	5,500	5,000	6,000	<b>16,500</b>	3,000	1,500	647	<b>5,147</b>	0	1,000	2,044	<b>3,044</b>	1,000	3,800	2,700	<b>7,500</b>	<b>32,191</b>
Interstate Banking (from Direct AWBA)	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>Indirect (excess)</b>	0	0	2,000	<b>2,000</b>	3,621	0	1,000	<b>4,621</b>	1,394	3,640	5,910	<b>10,944</b>	320	110	190	<b>620</b>	<b>18,185</b>
<b>Indirect AWBA<sup>2</sup></b>	400	1,500	4,600	<b>6,500</b>	3,900	3,382	3,400	<b>10,682</b>	3,275	4,193	2,685	<b>10,153</b>	1,542	1,443	2,242	<b>5,227</b>	<b>32,562</b>
Interstate Banking (from Indirect AWBA)	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	0	0	0	<b>0</b>	<b>0</b>
<b>TOTAL INDIRECT</b>	<b>400</b>	<b>1,500</b>	<b>6,600</b>	<b>8,500</b>	<b>7,521</b>	<b>3,382</b>	<b>4,400</b>	<b>15,303</b>	<b>4,669</b>	<b>7,833</b>	<b>8,595</b>	<b>21,097</b>	<b>1,862</b>	<b>1,553</b>	<b>2,432</b>	<b>5,847</b>	<b>50,747</b>
<b>TOTAL RECHARGE</b>	<b>5,900</b>	<b>6,500</b>	<b>12,600</b>	<b>25,000</b>	<b>10,521</b>	<b>4,882</b>	<b>5,047</b>	<b>20,450</b>	<b>4,669</b>	<b>8,833</b>	<b>12,109</b>	<b>25,611</b>	<b>2,862</b>	<b>5,353</b>	<b>5,132</b>	<b>13,347</b>	<b>84,408</b>
<b>TOTAL DELIVERIES</b>	<b>72,610</b>	<b>83,028</b>	<b>130,432</b>	<b>286,070</b>	<b>184,529</b>	<b>200,992</b>	<b>193,370</b>	<b>578,891</b>	<b>198,065</b>	<b>184,811</b>	<b>121,881</b>	<b>504,757</b>	<b>91,561</b>	<b>55,806</b>	<b>58,536</b>	<b>205,903</b>	<b>1,575,621</b>

<sup>1</sup> This classification represents **EXCESS** water that has been directly or indirectly recharged. AWBA, Federal Indian Firming, CAGR D Replenishment Reserve are included in this category. CAP water recharged under Federal or M&I Subcontract are not included.

<sup>2</sup> The AWBA South Side Replenishment Bank is included in this summation. The bank offsets groundwater pumped by NIA contractors on zones near the Gila Indian Reservation. AWBA is required to replenish up to 15,000 af total 1,000 af annually