

# Monthly Runoff and Allocation Report

## -April 2009-



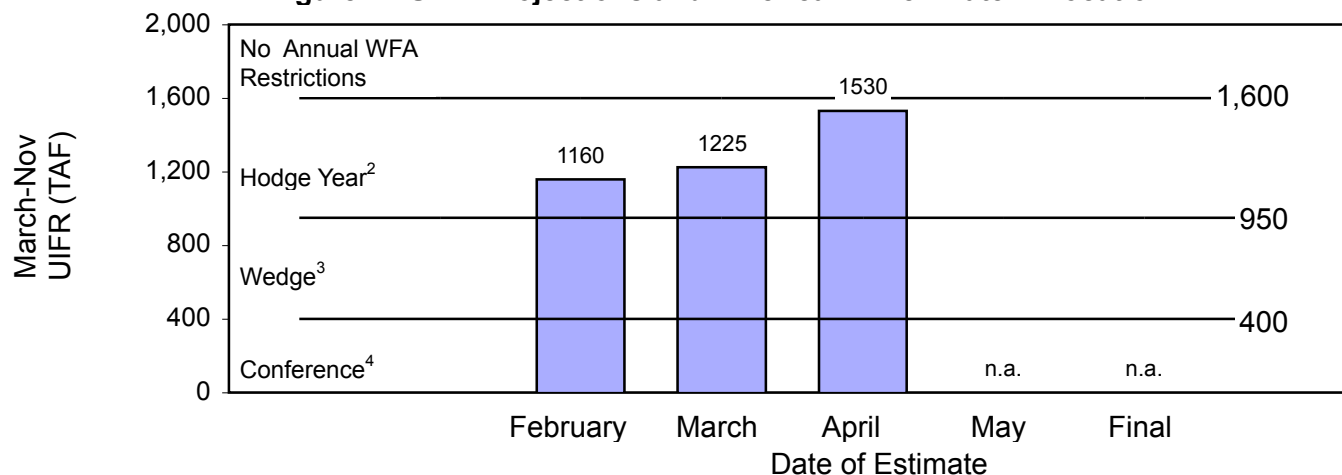
Water Forum  
Successor Effort

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**Purpose:** This monthly report is issued for each of four months (i.e., February, March, April, and May) every year by the Water Forum Successor Effort to provide the status of the March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is used to determine the type of water year and may be used by American River water purveyors and water right holders to determine the extent of their dry-year procedures. For more information on these topics, visit <http://www.WaterForum.org/Dry Year Procedures>.

**Projected Mar-Nov UIFR for April 2009 is 1530 TAF. This year type has Hodge Year restrictions.**

**Figure 1. UIFR Projections and American River Water Allocation<sup>1</sup>**



<sup>1</sup>Several factors can affect the allocation of water supply from the American River. When Mar-Nov UIFR is greater than 1,600 TAF then no annual WF restrictions are applied. However, other restrictions could be in effect such as the CVP shortage criteria.

<sup>2</sup>A "Hodge Year" occurs when the Mar-Nov UIFR is less than 1,600 TAF. This affects the allocation of American River water for Sacramento Suburban WD (after 2010) and South County Agriculture (see footnote #9 on page 13 of the 2000 Water Forum Agreement). This is different than the instantaneous "Hodge Flow trigger" which affects diversions at the Fairbairn treatment plant when the LAR flow is less than 3,000 cfs during Mar-Jun; 2) Less than 2,000 cfs from October 16-Feb; and 3) Less than 1,750 cfs from July-Oct15.

<sup>3</sup>A "Wedge" occurs when the Mar-Nov UIFR is less than 950 TAF. This may affect the allocation of American River water for the City of Folsom, Placer County Water Agency, City of Roseville, San Juan Water District, Sacramento Suburban WD (prior to 2010) and SMUD (see footnote #3 on page 13 of the 2000 Water Forum Agreement).

<sup>4</sup>"Conference" years occur when Mar-Nov UIFR is less than 400 TAF. In those years diverters and others are required to meet and confer on how best to meet demands and protect the American River (footnote #2 on page 11 of the 2000 Water Forum Agreement).

# Monthly Runoff and Allocation Report (continued)

## -2009 -

**Table 1. Monthly Runoff Values**

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March <sup>1</sup>	300	280	455	n.a.	n.a.
April <sup>1</sup>	335	360	390	n.a.	n.a.
May <sup>1</sup>	320	350	420	n.a.	n.a.
June <sup>1</sup>	120	135	160	n.a.	n.a.
July <sup>1</sup>	15	25	30	n.a.	n.a.
August <sup>1</sup>	5	10	10	n.a.	n.a.
September <sup>1</sup>	5	5	5	n.a.	n.a.
October <sup>2</sup>	30	30	30	n.a.	n.a.
November <sup>2</sup>	30	30	30	n.a.	n.a.
<b>Total</b>	<b>1160</b>	<b>1225</b>	<b>1530</b>	n.a.	n.a.

<sup>1</sup> Values are from *Bulletin 120, Water Conditions in California*, California Department of Water Resources (DWR) for the given publication month (<http://cdec.water.ca.gov/snow/bulletin120/>). DWR publishes Bulletin 120 four times a year (February through May), providing forecasts of unimpaired flow for several watersheds in California for the given water year.

<sup>2</sup> Values are from *Technical Memorandum No. 1, Computing March through November Unimpaired Inflow into Folsom Reservoir*, Water Forum, May 2007.

### USBR American River CVP Municipal and Industrial Contractor Allocation

The second official 2009 CVP water allocation announcement was given on March 20, 2009. Throughout the precipitation season, updated information will be provided as conditions warrant. Table 2 provides a summary of the projected allocation for American River CVP municipal and industrial contractors. The allocation is based on the 90-percent exceedence forecast for the unimpaired inflow to Shasta Dam. The 50-percent exceedence forecast is provided for informational and planning purposes.

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The following CVP information is provided for informational purposes only. See the following web site for more information... [http://www.usbr.gov/mp/headlines/water\\_updates/index.html](http://www.usbr.gov/mp/headlines/water_updates/index.html) for more information.

**Table 2. Mid-Pacific Region Water Year 2009 Supply Forecast Published March 20, 2009.**

Probability of Exceedance Forecasts	Percent of Historical Average Sacramento Valley Index and Year Type	North of Delta Municipal and Industrial Allocation (%)
Dry Forecast (90%)	51% Critical	55
Median Forecast (50%)	61% Critical	65