2015 Annual Runoff and Allocation Report

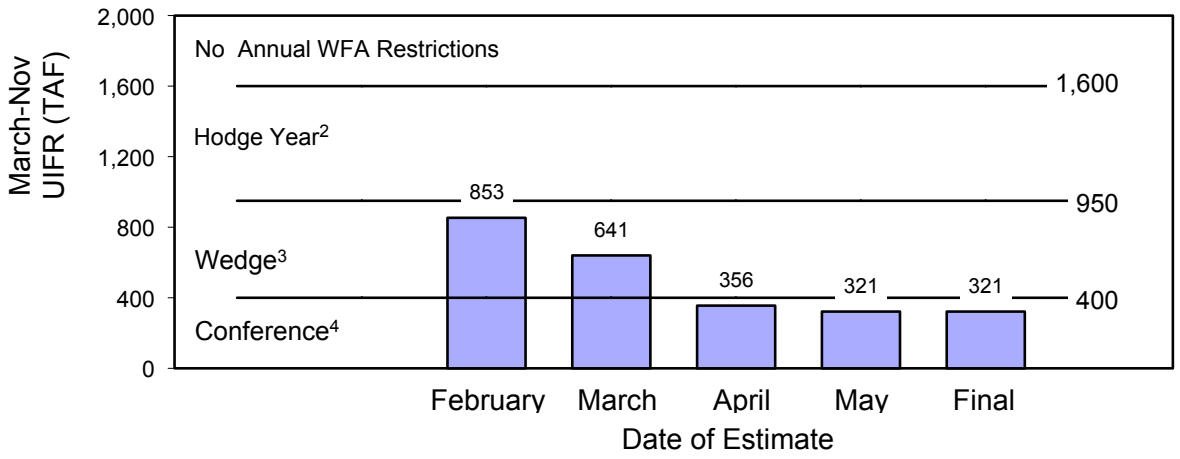
Water Forum Successor Effort

Issuance Date: June 11, 2015

Purpose: This report is issued annually by the Water Forum Successor Effort to project March through November Unimpaired Inflow into Folsom Reservoir (March-Nov UIFR). Per the Water Forum Agreement of 2000, this hydrologic index is monitored every year during the months of February through June (See **Figure 1** and **Table 1**) 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 2015 is 321 TAF.
This level of flow triggers a Conference Year

Figure 1. UIFR Projections and Annual American River Water Allocation[1]



[1]Several factors can affect the allocation of water supply from the American River. When Mar-Nov UIFR is greater than 1.6 MAF then no annual WF restrictions are applied. However, other restrictions could be in effect such as the CVP shortage criteria.

[2]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 11 of the 2000 Water Forum Agreement). This is different than the instaneous "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.

[3]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 11 of the 2000 Water Forum Agreement).

[4] "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 (see footnote #2 on page 11 of the 2000 Water Forum Agreement).

Table 1. Monthly Runoff Values

Month	UIFR Monthly and Total Volumes in TAF				
	February Publication	March Publication	April Publication	May Publication	Final Values
March[1]	250	200	86	86	86
April[1]	240	180	105	80	80
May[1]	225	150	85	80	80
June[1]	65	45	20	15	15
July[1]	10	5	-	-	-
August and September[1]	2	1	-	-	-
October[2]	30	30	30	30	30
November[2]	30	30	30	30	30
Total	**853**	**641**	**356**	**321**	**321**

[1] 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.

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

Significant Post May Events:

Mid-Month storm events in May 2015 did not deviate appreciably from the norm. DWR's post-May runoff updates did not indicate significant changes to the May projection of the March-Nov UIFR. Therefore, no post-May adjustments were made.

USBR American River CVP Municipal and Industrial Contractor Allocation

On February 27, 2015 the CVP announced that Municipal and Industrial (M&I) water service contractors North-of-Delta who are serviced by Folsom Reservoir on the American River are allocated 25 percent of their historic use. (http://www.usbr.gov/newsroom/newsrelease/detail.cfm?RecordID=48986).

Please note that the CVP allocations are administered by the USBR and are not part of the Water Forum Agreement. The CVP information is provided for informational purposes only.