

Dayflow 2015 Water Year Comments

- Dayflow data inputs for 2015 were obtained from the following sources:

Data Input	Source
Sacramento Weir Flow	DWR
Clifton Court Inflows	DWR
Barker Slough	DWR
Miscellaneous Flood Events	DWR
Stockton Fire Station Precipitation	DWR
Byron Bethany Irrigation District	DWR
Mokelumne River at Woodbridge	EBMUD
Delta Cross Channel Gate Operations	USBR
Tracy Pumping Plant	USBR
Rock Slough	USBR
Old River	USBR
Putah Creek & Putah South Canal	USBR
Middle River at Victoria	USBR

- 2015 inputs for the following stations were obtained from the responsible agency's website and are "provisional data" that will be finalized by the responsible agency sometime during the next year.

USGS Site #	Site
11303500	San Joaquin River near Vernalis
11335000	Cosumnes River at Michigan Bar
11336600	Delta Cross Channel near Walnut Grove
11447650	Sacramento River at Freeport
11447903	Georgiana Slough near Sacramento River
11453000	Yolo Bypass near Woodland

USACOE #	Site
NHG	Calaveras River below New Hogan Dam

- Data were missing for station 11447650 on 12/5/2014 and 5/10-5/12/2015 and for station 11453000 on 6/19-6/22/2015. Interpolated values were used for these dates.
- Data were missing for station 11336600 for the following dates: 12/3-12/6/2014, 2/2-2/5/2015, 8/22-8/25/2015, 9/23-9/26/2015, and 9/28-9/30/2015. Station 11447903 had missing data for 12/3-12/6/2014. When data are missing, empirical equations are used to calculate the Delta Cross Channel and Georgiana Slough flow.
- Most questions regarding Dayflow can be found in the "Dayflow Documentation" found here: <http://www.water.ca.gov/dayflow/documentation/>
- Figure 1 shows a comparison of Dayflow estimated outflow to observed USGS flow stations (Dutch Slough at Jersey Island, Sacramento River at Rio Vista, San Joaquin River at Jersey Point, and Threemile Slough at Rio Vista). Dayflow estimated outflow follows the general trend of the USGS observed stations. Dayflow under estimated flow during the months of October and November 2014. For the remainder of the water year, if the variability due to the spring-neap cycle in the observed data were removed, Dayflow would closely track the observed data.

**Figure 1: Water Year 2015 Outflow Comparison: Dayflow Estimate vs. Observed USGS Stations
(Dutch Slough, Sacramento River, San Joaquin River, and Threemile Slough)**

