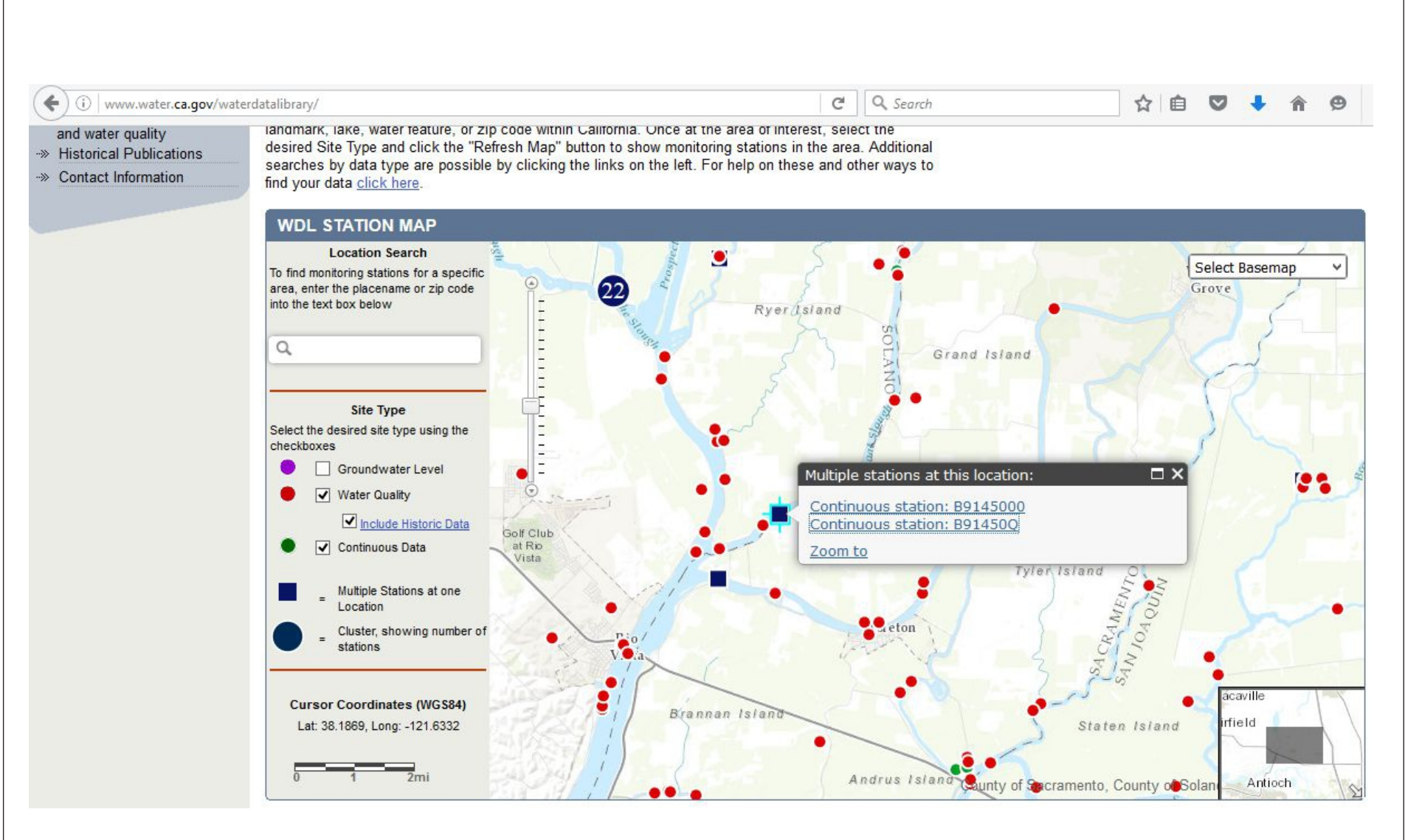
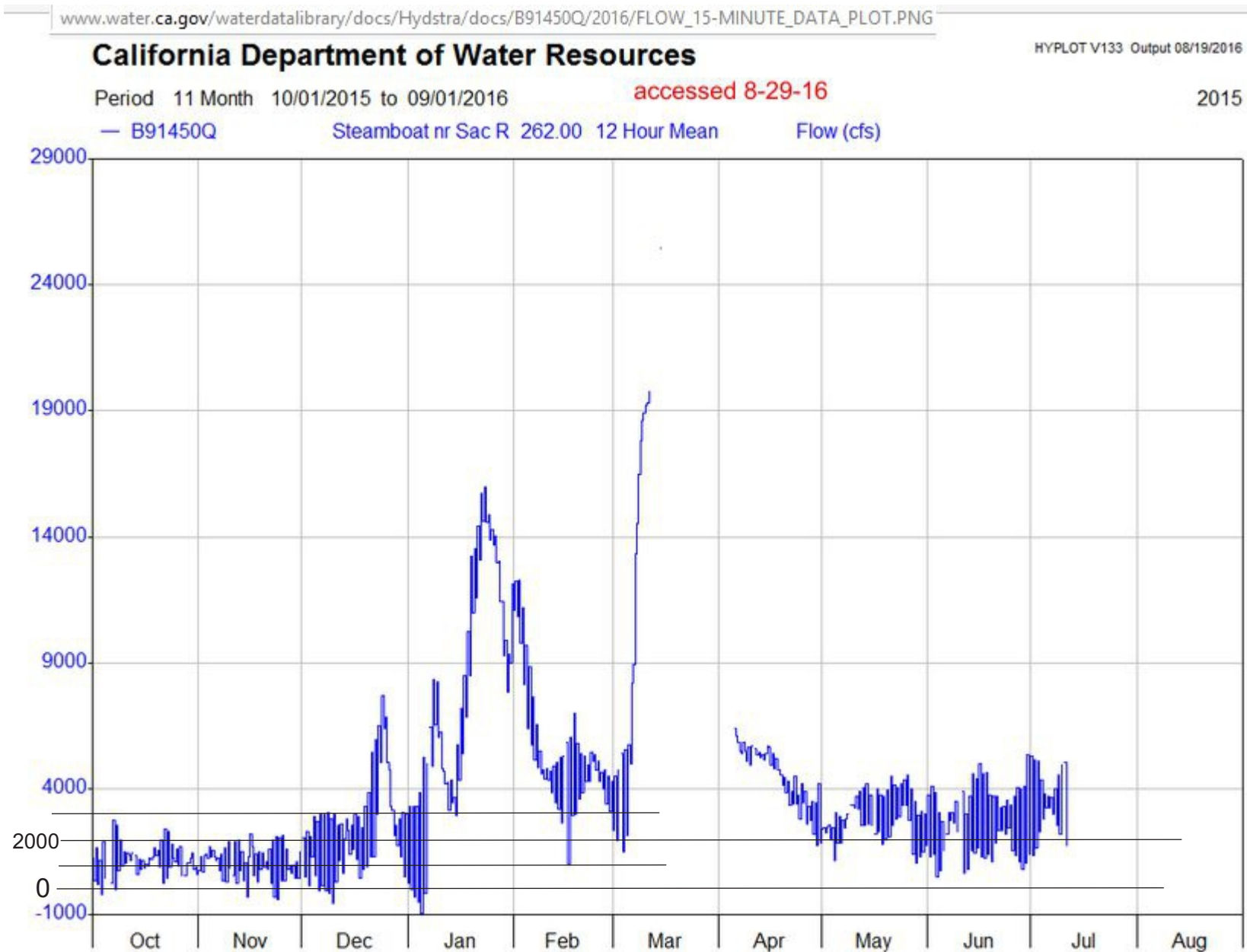


2016 example of gaps in flow data: Steamboat Slough

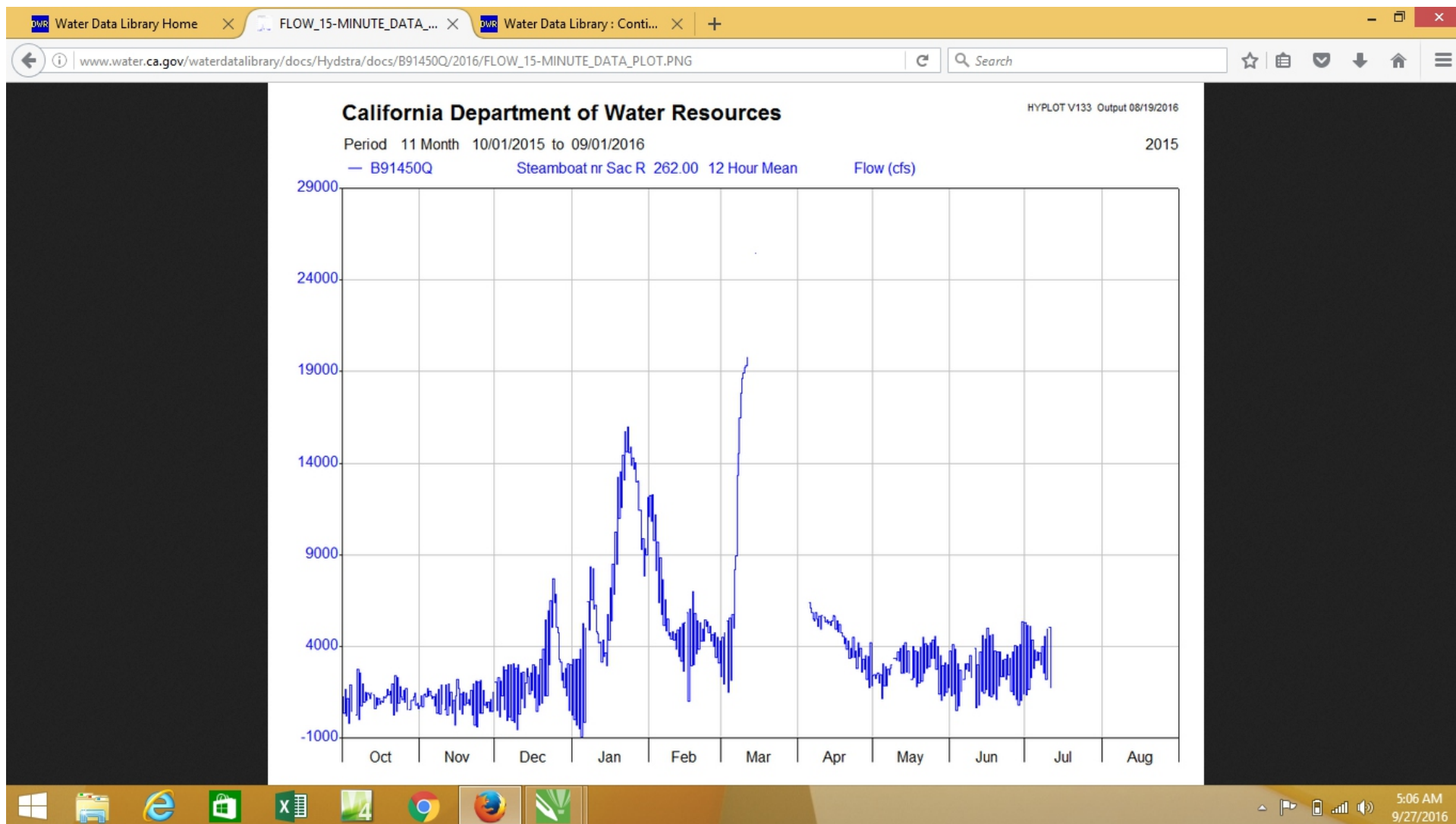


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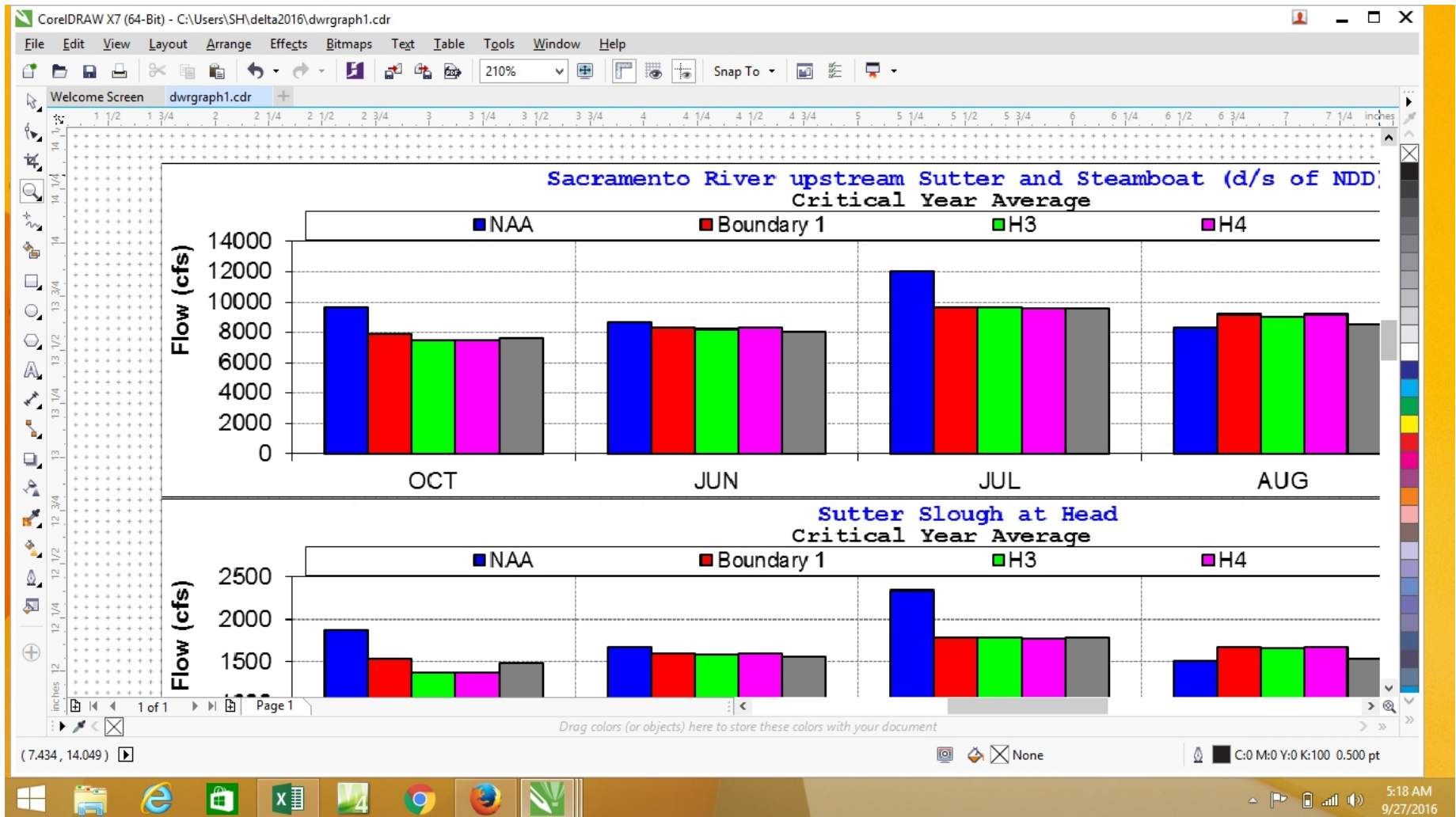
Only slides 1, 2 and 3 are admitted into the evidentiary record as stated in the February 21, 2017 Ruling Letter

Below is the exact screen print, viewed 9/27/16 at 5:09 am Pacific Time:



Only slides 1, 2 and 3 are admitted into the evidentiary record as stated in the February 21, 2017 Ruling Letter

Screen print below shows how DWR graphic was imported to Corel Draw so that a grid background could be utilized to estimate the flow numbers, since DWR refused to provide the data in an excel spreadsheet or other useable form, as originally requested by SHR.



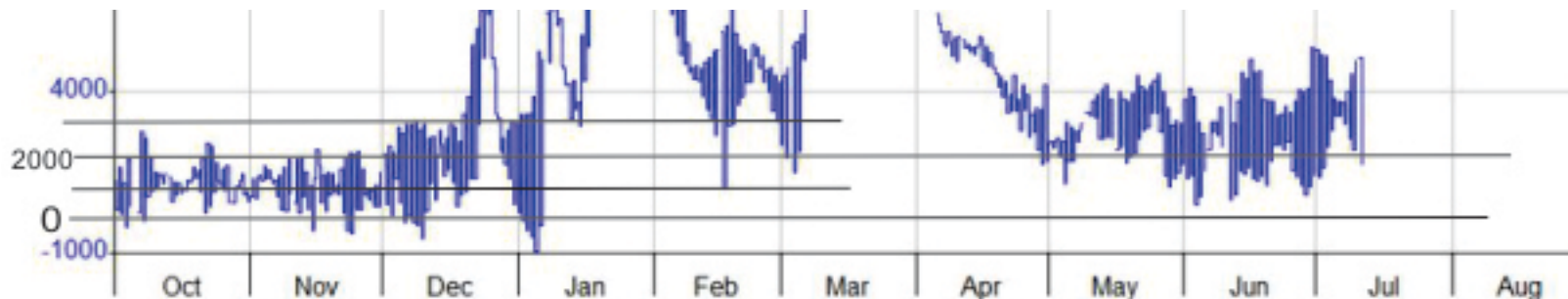


Table below is based upon DWR "critical year" flow graphic provided to SHR, and submitted into evidence for WaterFix hearing during SHR questioning of modeling pannel

monitor location	NAA 1 Critical Year	NAA 1 Critical Year	NAA 1 Critical Year
Month	August	September	October
Sac d/s of NDD	8,100	7,000	9,900
Sutter Slough	1,500	1,250	1,800
Steamboat Sl.**	900	700	1,100
above DCC	5,900	4,900	6,700
DCC	?		?
Georgiana Sl	1,700	1,500	1,900
Sac below Georginan	1,750	1,450	2,200
DICU	?	?	?
Miner Slough	900	750	1,150
Rio Vista	3,700	3,100	5,200

Questions after review of DWR “critical year average” graphic:

1. Note the Disclaimer on DWR graphic: “The information provided represents the monthly average flows at the locations you requested. The actual flows reflecting the effects of natural tide could be significantly different from those shown in the figures”. Please describe possible range of differences. Higher flows? Lower flows?
2. Which computer model was this based upon? Which time period? Is this similar to flows for 2015?
3. How much in-Delta use is accounted for in the flow data? If not included, why not?
4. It appears that currently, from your graphic, in September there is a monthly average flow of between 700 to 800 cfs on Steamboat Slough above the confluence with Sutter Slough. I asked for flows on lower Steamboat Slough by Snug Harbor. Have you modeled lower Steamboat Slough flow and if so, why wasn't it provided? If it wasn't modeled, how can you be sure SHR surface water rights and use of shallow aquifer for fresh drinking water won't be affected by proposed low flows? Have you reviewed the impacts to area drinking water wells from the last 5 years of excessively low flows in the North Delta?
5. Is 700 cfs average flow sufficient to maintain fresh surface and/or aquifer drinking water along Steamboat Slough, in your opinion as an expert in flow modeling? On Steamboat Slough at the lower gage location? Do you know of a better model that could provide this kind of detailed data?