



## Memo to File

## Models and Databases Administrative Record of References

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Client: Sites Project Authority

Project Title: Sites Reservoir Project

Project/Task Number: D3205403

Author: JACOBS  
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Chapter, Section, or Subject: Appendix 5A-7 – Daily Pattern Development for the Estimation of Daily Flows and Weir Spills in CalSim II

Citation: USGS 2020

Reference: United States Geological Survey (USGS). 2020. USGS National Water Information System. Available: <https://waterdata.usgs.gov/nwis/>. Accessed: 2020.

Access Date: 2020

Database or Model and version: <https://waterdata.usgs.gov/nwis/si> (Site Inventory System)

URL: <https://waterdata.usgs.gov/nwis/>

Assumptions: Dates, times, and output are in Pacific Standard Time

Search Fields and Search Terms: Site names and numbers: Yuba River near Grass Valley (11417500), Yuba near Marysville (11421000), Bear River near Wheatland (11424000), Feather River at Oroville (11407000), Thermalito Release to Feather River (11406920), Feather River near Gridley (11407150), Feather River near Nicolaus (11425000), American River at Fair Oaks (11446500), Sacmranot River at Knights Landing (11391000), Fremont Weir Spill (11391021), Sacramento River at Verona (11425500), Sacrameto Wei Spill (11426000), Sacramento River at Freeport (11447650)  
Data Type: Daily Data  
Parameter: Discharge (mean)

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Chapter, Section, or Subject Appendix 5A-7 – Daily Pattern Development for the Estimation of Daily Flows and Weir Spills in CalSim II

Citation USGS 2020

Reference United States Geological Survey (USGS). 2020. USGS National Water Information System. Available: <https://waterdata.usgs.gov/nwis/>. Accessed: 2020.

Access Date 2020

Output format: Tab-separated  
Period: 10/1/1964 (or earliest record available) – 5/14/2020  
Description: Daily gaged flow records

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National Water Information System: Web Interface

USGS Water Resources

Date Category: Surface Water | Download Area: Other States

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- See the [Water Data for the Nation Blog](#) for the latest news and updates.

### USGS Surface-Water Daily Data for the Nation

**Choose Site Selection Criteria**

Choose from the following criteria to constrain the number of sites selected. By default, the "Site-type" criterion is preselected below and will default to surface water on the following page. If no additional site-selection criteria are chosen and no additional specifications are defined on the following page then output will be for all 29,201 surface water sites that have daily values data.

[Surface-water daily data example.](#)

Site -- Location --	Site -- Identifier --	Site -- Attribute --	Data -- Attribute --
<input type="checkbox"/> State/Territory <input type="checkbox"/> Hydrologic Region <input type="checkbox"/> Lac-Long box	<input checked="" type="checkbox"/> Site Name <input checked="" type="checkbox"/> Site Number <input type="checkbox"/> Multiple Site Numbers <input type="checkbox"/> Agency Code <input type="checkbox"/> File of Site Numbers	<input checked="" type="checkbox"/> Site type <input type="checkbox"/> Drainage area	<input type="checkbox"/> Number of observations

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Questions about sites/data? [Feedback on this web site](#) [Automated restrictions](#) [Help](#) [Data Tips](#) [Explanation of terms](#) [Subscribe for system changes](#) [News](#)

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U.S. Department of the Interior | U.S. Geological Survey

Title: USGS Surface-Water Daily Data for the Nation

URL: <https://waterdata.usgs.gov/nwis/dv/>

Page Contact Information: [USGS Water Data Support Team](#)

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1.2 5/29/2012

Filepath to saved results Posted to SharePoint:  
[https://icfonline.sharepoint.com/:f/r/sites/EP/SitesProgram/FEIREIS/Vol%20%20FEIR.EIS%20Appendices/App05A7\\_Daily\\_Patterns/AdminRecord?csf=1&web=1&e=Q9IGH8](https://icfonline.sharepoint.com/:f/r/sites/EP/SitesProgram/FEIREIS/Vol%20%20FEIR.EIS%20Appendices/App05A7_Daily_Patterns/AdminRecord?csf=1&web=1&e=Q9IGH8)

How results were used Daily gaged flow records were used to observe daily flow patterns at various locations in the Sacramento River, Yuba River, Bear River, Feather River, Sutter Bypass, and American River. The historic records were used to simulate daily flows and develop daily flow pattern logic for CalSim II. Further detail on how the data were used is included in Appendix 5A-7.

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