

Memo to File

Models and Databases Administrative Record of References

Client: Sites Project Authority

Project Title: Sites Reservoir Project

Project/Task D3205403

Number:

Author: **JACOBS**

2485 Natomas Park Dr, Sacramento, CA 95833

Email: Chad. Whittington@jacobs.com

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), Sacmraneot 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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Information System. Available: https://waterdata.usgs.gov/nwis/. Accessed:

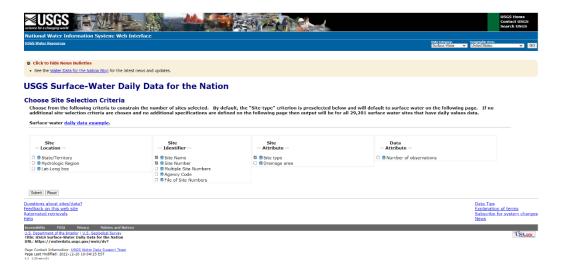
2020.

Access Date 2020

Output format: Tab-separated

Period: 10/1/1964 (or earliest record available) -5/14/2020

Description: Daily gaged flow records



Filepath to saved results

Posted to SharePoint:

https://icfonline.sharepoint.com/:f:/r/sites/EP/SitesProgram/FEIREIS/Vol%202 %20FEIR.EIS%20Appendices/App05A7_Daily_Patterns/AdminRecord?csf=1 &web=1&e=Q9lGH8

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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