



**Models and Databases
Administrative Record of References**

Memo to File

Client: Sites Project Authority
Project Title: Sites Reservoir Project
Project/Task Number: D3205403
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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: CDEC 2020

Reference: California Environmental Data Exchange Center (CDEC). 2020. CDEC Webservice JSON and CSV. Available: <https://cdec.water.ca.gov/dynamicapp/wsSensorData>. Accessed: 2020.

Access Date: 2020

Database or Model and version: <https://cdec.water.ca.gov/queryTools.html>

URL: <https://cdec.water.ca.gov/dynamicapp/wsSensorData>

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

Search Fields and Search Terms: Stations: Yuba River near Smartville (YRS), Yuba River at Parks Bar Ridge (YPB), Feather River above Boyds Landing (FSB), Fremont Weir Spill (FRE)
Parameter: FLOW, RIVER DISCHARGE
Time-step: Hourly
Period: earliest record available – 5/14/2020
Format: CSV
Description: Hourly gaged flow records

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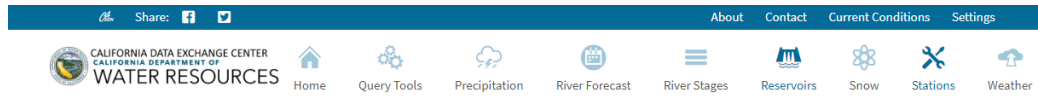
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CDEC Webservice JSON and CSV

General Data Download
Web Service Form for General Data Download * Real-time Data * Daily Data * Monthly Data

To get data in JSON and CSV formats:

1. Fill in the blanks (New feature auto-complete can help select station and Sensor from drop down lists and click "**View JSON Data** or **View CSV Data**".
2. **Single CDEC station or multiple stations are accepted separated by comma** (e.g. ORO, FOL, SHA).
3. In case of Multiple Stations, the drop down list will only show the common sensors:

Station ID(s) comma delimited

Sensor Number:

Start Date: 2022-12-19

End Date: 2022-12-20

General Data

To get data in JSON or Comma-Separated Value (CSV) format:
Fill in a Station ID and click "**View JSON Data**" or "**Download CSV Data Now**".
Leave either date field blank for beginning or end of record.

NOTE: Data is displayed in 4-digit year format.
Dates, times, and output will always be Pacific Standard Time.

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=Q91GH8

How results were used Hourly gaged flow records were converted to daily time-steps to observe daily flow patterns at various locations in the Sacramento River, Yuba River, Bear

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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.
