Preliminary River Cumulative Unimpaired Runoff

Prepared by Jacobs

1/16/2021

California Statewide Hydroclimate

Sierra Precipitation

North 8-Station Index

- 32%
- In. to date: 8.79

San Joaquin 5-Station

- 24%
- In. to date: 4.95

8 River Cumulative Unimpaired Runoff

- 35%
- TAF to date: 1590

Snow Water Content

North

- 24%
- % of April 1: 27

Central

- 23%
- % of April 1: 24

South

- 8%
- % of April 1: 11

6-Day Forecast Precipitation (inches)

- North
- % of April 1: 27
- Central
- % of April 1: 24
- South
- % of April 1: 11

Precipitation and Snowpack still in extremely bad shape to date this year. Still no significant precipitation in the near term forecast.

*Note: Percentages in each plot refers to percent of average for this date. When historic data is unavailable, Snow Water Content Bar plot is not shown. The percent of historic average for each SWC location differs slightly from CDEC's report due to small discrepancies in historical data.
Baseline winter inflows with delta water quality controlling operations. Minimal upstream reservoir releases, with Oroville and Folsom Reservoirs continuing to lose storage (definitely not normal for this time of the year.)

Note: Yesterday’s X-2 Position estimated as 93 km.

Daily Average Flow
As reported on 1/14

Reservoir Storage

Oroville

San Luis SWP & CVP

Shasta

Folsom

Project Operations

Delta Flows & Total Export

Flow (cfs)

Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep

SWP Export

CVP Export

Old and Middle River

SJR at Vernalis

Delta Outflow

Flow (cfs)

0 5000 10000 15000

1-Oct 1-Nov 1-Dec 1-Jan 1-Feb 1-Mar 1-Apr 1-May 1-Jun 1-Jul 1-Aug 1-Sep

Historical Average

Current WY

WY 1983 (Wet)

WY 1977 (Dry)

Capacity

Flood Control Storage

Baseline winter inflows with delta water quality controlling operations. Minimal upstream reservoir releases, with Oroville and Folsom Reservoirs continuing to lose storage (definitely not normal for this time of the year.)

Note: Yesterday’s X-2 Position estimated as 93 km.