

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

API DOCUMENTS FOR DAILY & MONTHLY DATA APPS

VERSION 3.1

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Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

ALLOWED HTTPS REQUESTS

POST: Update resource

GET: Get a resource or list of resources

WEB SERVICES OUTPUT DOWNLOAD FORMATS SUPPORTED

JSON, CSV and EXCEL.

DESCRIPTION OF USUAL SERVER RESPONSES

- 200 **OK** - the request was successful (some API calls may return 201 instead).
- 201 **Created** - the request was successful, and a resource was created.
- 204 **No Content** - the request was successful but there is no representation to return (i.e. the response is empty).
- 400 **Bad Request** - the request could not be understood or was missing required parameters.
- 401 **Unauthorized** - authentication failed or user doesn't have permissions for requested operation.
- 403 **Forbidden** - access denied.
- 404 **Not Found** - resource was not found.
- 405 **Method Not Allowed** - requested method is not supported for resource.
- 500 **Internal Server Error**

NAVIGATION BUTTONS TO SCROLL THROUGH OUTPUT DATA-VIEW

Earlier: To scroll through the hourly data for prior 12 hours with each click. Similarly, 30 days of daily data and 24 months of monthly data.

Later: To scroll back 12 hours of hourly data towards current data with each click. Similarly, 30 days of daily data and 24 months of monthly data.

Latest: shows the most current data.

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OUTPUT DATA-VIEW FOOTER BUTTONS FOR DOWNLOAD OPTIONS

Copy: To copy the data view into clipboard for paste.

Excel: Download data in the excel format for consumption.

CSV: Download data in CSV format for consumption.

PDF: Generate and download a PDF report.

DATA STRUCTURES FOR SPECIFIED DATE RANGE

Parameter start date: The Date starting point, inclusive. Both date and time are used.
Can be null.

Parameter end date: The last date for data to be returned, inclusive. Both date and time are used. Can be null.

Parameter sensorNums: The String list of sensor numbers as a comma delimited string.
Can be null.

Parameter stations: The String list of stations as a comma delimited string values. Can be null.

GET THE MATCHING STATIONS

Parameter stationId The String station ID to match.

Parameter durCode The String DurCode like M or D to match.

Return the List of matching stationData objects.

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QUERYDAILY (DAILY DATA)

<http://cdec.water.ca.gov/dynamicapp/QueryDaily>

This application helps users to query daily data. CDEC stores, maintains and disseminates preliminary data for current climate and hydrology condition. Daily data provides data either received or computed from real-time data received from gauges also called stations. The gauges transmit data via satellite system and have been assigned a CDEC ID (e.g., ORO→ Oroville). Every Station have sensors (e.g., TEMP, ELEVATION, RIV STG) depending on its location (e.g., Reservoir, River, Snow). Application supports auto-complete feature that generates drop down list of possible matches for Station ID for partial user entries.

1. Enter part of a CDEC Station Name or a three-letter CDEC [Station ID](#).
2. Specify two or more letters to search for all Station Names or IDs containing those letters.
3. Specify one letter to search for all Station IDs that begin with that letter.
4. Click the "**Get Data**" button only once.

Screen Captures QueryDaily:

End Date:

Station ID:

➔ Daily Data

1. Enter part of a CDEC Station Name or a three-letter CDEC Station ID.
2. Specify two or more letters to search for all Station Names or IDs containing those letters.
3. Specify one letter to search for all Station IDs that begin with that letter.
4. Click the "Get Data" button only once.

End Date:

Station ID:

O8I (OROVILLE 8 STATION WETNESS INDEX)	data available: [2008-present]
OBB (STANISLAUS R AT ORANGE BLOSSOM BRIDGE)	data available: [1993-present]
OBI (OLD RIVER AT BACON ISLAND (USGS))	data available: [2007-present]
ODA (ORINDA FIRE STATION 43)	data available: [2016-present]
ODL (OAKDALE (CIMIS 194))	data available: [2014-present]
ODM (OLD RIVER AT DELTA MENDOTA CANAL)	data available: [2008-present]
OGC (ORANGE COVE (CIMIS 142))	data available: [2017-present]
OGO (OGO RANGER STATION)	data available: [1987-present]
OH1 (OLD RIVER AT HEAD)	data available: [2007-present]
OHD (OUR HOUSE DAM)	data available: [2006-present]
OKC (OAK CREEK)	data available: [1999-present]

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Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

OROVILLE DAM (ORO)

Elevation: 900.0' · FEATHER R basin · Operator: CA Dept of Water Resources/O&M Oroville Field Division

Station comments:

- 04/16/2019 Transmission equipment repaired. Hourly data is back online as of 4/15/2019 10:00.
Outflow from Oroville includes all releases from the Oroville Dam (i.e.: Hyatt, spillway, low flow outlet), while River Release (RIV REL) pertains to the Oroville Complex as a whole which includes any releases from the Diversion Dam gates and Thermalito Afterbay River Outlet.
- 02/23/2017
- 04/15/2019 Beginning 4/12/2019 16:00, reservoir elevation and storage are not transmitting correctly. Data is being flagged automatically.

Query executed Monday at 14:41:08

Provisional data, subject to change.
Select a sensor type for a plot of data.

DAILY DATA

Earlier

DATE / TIME (PST)	RES ELE FEET	STORAGE AF	RES CHG AF	TOC STO AF	ABV TOC AF	OUTFLOW CFS	INFLOW CFS	EVAP CFS	FNF CFS	PPT INC INCHES	RAIN INCHES	PPTINC4 INCHES
04/13/2019	862.63 r	2,981,377 r	18,425	3,023,688	-42,311	10,372	19,717	56	20,591 r	0.00	42.09	0.00
04/14/2019	863.75 r	2,997,075 r	15,698	3,046,519	-49,444	10,282	18,234	38	18,869 r	0.00	42.09	0.00
04/15/2019	864.91	3,013,399	16,324	3,065,812	-52,414	10,359	18,778	120	20,107 r	0.00	42.09	0.00
04/16/2019	866.03	3,029,216	15,817	3,076,530	-47,313	10,351	18,281	27	19,679 r	0.20	42.29	0.13
04/17/2019	867.07	3,043,955	14,739	3,098,752	-54,797	9,803	17,347	42	18,399 r	0.00	42.29	0.07
04/18/2019	868.13	3,059,030	15,075	3,120,604	-61,574	9,812	17,477	65	18,946 r	0.00	42.29	0.00
04/19/2019	869.45	3,077,876	18,846	3,141,187	-63,311	9,279	18,865	85	20,608 r	0.00	42.29	0.00
04/20/2019	870.89	3,098,529	20,653	3,151,114	-52,586	9,800	20,282	69	22,864	0.34	42.63	0.00
04/21/2019	872.27	3,118,413	19,884	3,172,258	-53,844	9,803	19,874	46	22,004	0.00	42.63	0.34
04/22/2019	873.48	3,135,921	17,508	3,193,315	-57,394	10,727	19,687	132	21,576	0.00	42.63	0.00
04/23/2019	874.51	3,150,881	14,960	3,214,038	-63,157	11,222	18,815	125	21,243	0.00	42.63	0.00
04/24/2019	875.82	3,169,980	19,099	3,234,207	-64,227	11,219	21,023	102	23,121	0.00	42.63	0.00
04/25/2019	877.30	3,191,655	21,675	3,254,294	-62,640	10,853	21,903	122	24,711	0.00	42.63	0.00
04/26/2019	878.79	3,213,583	21,928	3,273,822	-60,240	11,174	22,343	114	25,148	0.00	42.63	0.00
04/27/2019	880.20	3,234,414	20,831	3,293,314	-58,900	11,167	21,701	99	24,257	0.00	42.63	0.00
04/28/2019	881.52	3,254,023	19,609	3,312,516	-58,493	11,149	21,107	72	23,509	0.00	42.63	0.00
04/29/2019	882.61	3,270,279	16,256	3,331,438	-61,160	11,105	19,452	152	21,601	0.00	42.63	0.00
04/30/2019	883.61	3,285,244	14,965	3,348,572	-63,328	11,146	18,787	96	20,986	0.00	42.63	0.00
05/01/2019	884.33	3,296,050	10,806	3,367,005	-70,955	10,966	16,507	93	17,979	0.00	42.63	0.00
05/02/2019	885.11	3,307,784	11,734	3,385,181	-77,397	9,044	15,077	117	15,789	0.00	42.63	0.00
05/03/2019	885.64	3,315,775	7,991	3,403,108	-87,333	11,110	15,260	121	16,171	0.00	42.63	0.00
05/04/2019	886.10	3,322,721	6,946	3,420,792	-98,072	10,999	14,681	104	15,732	0.00	42.63	0.00
05/05/2019	886.55	3,329,526	6,805	3,438,243	-108,716	11,107	14,567	105	15,821	0.00	42.63	0.00
05/06/2019	886.95	3,335,584	6,058	3,454,581	-118,996	11,062	14,331	139	16,110 r	0.00	42.63	0.00
05/07/2019	887.44	3,343,016	7,432	3,471,610	-128,594	11,083	14,812	59	16,418	0.00	42.63	0.00
05/08/2019	887.83	3,348,939	5,923	3,488,424	-139,485	11,063	14,129	80	16,643	0.00	42.63	0.00
05/09/2019	888.22	3,354,869	5,930	3,505,030	-150,160	11,060	14,138	88	16,696	0.00	42.63	0.00
05/10/2019	888.49	3,358,980	4,111	3,521,433	-162,454	11,043	13,318	127	15,246	0.00	42.63	0.00
05/11/2019	888.72	3,362,484	3,504	3,537,640	-175,157	11,031	12,904	106	14,391	0.00	42.63	0.00
05/12/2019	888.88	3,364,923	2,439	3,538,000	-173,077	10,961	12,220	106	--	0.00	42.63	0.00
05/13/2019	--	--	--	--	--	--	--	--	--	--	--	0.00

Showing 1 to 31 of 31 entries

[Copy](#) [Excel](#) [CSV](#) [Print](#) [PDF](#)

Later | Latest

BRT and ART signify discharge at stage below or above available rating table
Warning! This data is preliminary and subject to revision.

[Show ORO Map](#) | [Plot all ORO Sensors](#) | [2 Month ORO Data](#) | [Monthly ORO Data](#) | [Real-Time ORO Data](#) | [ORO Info](#)

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QUERYMONTHLY (MONTHLY DATA)

<http://cdec.water.ca.gov/dynamicapp/QueryMonthly>

This application helps users to query daily data. CDEC stores, maintains and disseminates preliminary data for current climate and hydrology conditions. Monthly data provides data either received or computed from daily data from gauges also called stations. The gauges transmit data via satellite system and have been assigned a CDEC ID (e.g., ORO → Oroville). Every Station have sensors (e.g., TEMP, ELEVATION, RIV STG) depending on its location (e.g., Reservoir, River, Snow). Application supports auto-complete feature that generates drop down list of possible matches for Station ID for partial user entries.

1. Enter part of a CDEC Station Name or a three-letter CDEC [Station ID](#).
2. Specify two or more letters to search for all Station IDs and Names containing those letters.
3. Specify one letter to search for all Station IDs that begin with that letter.
4. Click the "Get Data" button only once.

Screen Captures QueryMonthly:

End Date
2019-05

Station ID:

→ Monthly Data

1. Enter part of a CDEC Station Name or a three-letter CDEC [Station ID](#).
2. Specify two or more letters to search for all Station IDs and Names containing those letters.
3. Specify one letter to search for all Station IDs that begin with that letter.
4. Click the "Get Data" button only once.

End Date
2019-05

Station ID:

<input type="radio"/> OEM (OLD ENTERPRISE MILL)	data available: [1937-present]
<input type="radio"/> OKC (OAKDALE CANAL)	data available: [1985-present]
<input type="radio"/> OLS (KLAMATH RIVER AT ORLEANS)	data available: [1905-present]
<input type="radio"/> ONF (ONEILL FOREBAY)	data available: [1966-present]
<input type="radio"/> ONN (ONION CREEK)	data available: [1937-present]
<input type="radio"/> ORL (ORLAND)	data available: [1905-present]
<input type="radio"/> ORO (OROVILLE DAM)	data available: [1967-present]
<input type="radio"/> ORT (OROVILLE-THERMALITO COMPLEX)	data available: [1985-present]
<input type="radio"/> OSM (OCEANSIDE MARINA)	data available: [1996-present]

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Screen Capture Data View QueryMonthly:

OROVILLE DAM (ORO)

Elevation: 900.0' - FEATHER R basin - Operator: CA Dept of Water Resources/O&M Oroville Field Division

Station comments:

- 04/16/2019** Transmission equipment repaired. Hourly data is back online as of 4/15/2019 10:00.
- 02/23/2017** Outflow from Oroville includes all releases from the Oroville Dam (i.e.: Hyatt, spillway, low flow outlet), while River Release (RIV REL) pertains to the Oroville Complex as a whole which includes any releases from the Diversion Dam gates and Thermalito Afterbay River Outlet.
- 04/15/2019** Beginning 4/12/2019 16:00, reservoir elevation and storage are not transmitting correctly. Data is being flagged automatically.

Query executed Monday at 14:56:39

Provisional data, subject to change.
Select a sensor type for a plot of data.

MONTHLY DATA

[Earlier](#)

DATE	STORAGE AF
05/2017	2,465,532
06/2017	2,331,494
07/2017	2,111,246
08/2017	1,704,000
09/2017	1,331,591
10/2017	1,217,912 r
11/2017	1,268,268
12/2017	1,230,752
01/2018	1,408,227
02/2018	1,460,064
03/2018	2,093,173
04/2018	2,432,967
05/2018	2,409,544
06/2018	2,253,033
07/2018	1,943,932
08/2018	1,596,780
09/2018	1,364,688
10/2018	1,178,891
11/2018	1,029,870
12/2018	1,031,666
01/2019	1,403,938
02/2019	2,188,476
03/2019	2,849,335
04/2019	3,285,244
05/2019	--

Showing 1 to 25 of 25 entries

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[Later](#) | [Latest](#)

BRT and ART signify discharge at stage below or above available rating table
Warning! This data is preliminary and subject to revision.

[Show ORO Map](#) | [Plot all ORO Sensors](#) | [Daily ORO Data](#) | [Real-Time ORO Data](#) | [5 Years ORO Data](#) | [ORO Info](#)

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GROUP OF DAILY STATIONS

<http://cdec.water.ca.gov/dynamicapp/queryGroupD>

This application helps users to query data using sensor group id. A sensor group comprises of a group of similar sensors across various stations. In this application all sensors are daily data sensors. CDEC stores, maintains and disseminates preliminary data for current climate and hydrology condition. The gauges transmit data via satellite system or data exchange server. CDEC sensor groups have been assigned GROUP IDs (e.g., OR1 → Oroville Precip #1).

1. Enter a three-letter CDEC Group ID and click the "Get Data" button only once.
2. Or, select a Group ID from the list below.
3. For a list of all daily groups, leave Group ID blank and check box for all daily groups.

Group ID:

List All Daily Groups

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DAILY DATA BY MONTH

<http://cdec.water.ca.gov/dynamicapp/QueryMM>

QueryMM application allows users to view and download daily data by month for a desired span of water years. A Water Year starts on October 1st and ends on September 30th. For example water year 2020 will start on October 1st, 2019 and ends on September 30th, 2020.

➔ Historical Data Selector



Daily Data by Month

1. Enter part of a CDEC Station Name or a three-letter CDEC [Station ID](#).
Specify four or more letters to search for all Station Names containing the letters.
Specify one or two letters to retrieve Station IDs that begin with what you specify.
2. Specify a Sensor Number. Leave blank for a list of [sensors](#) for a particular station.
3. Enter a Date in MM/YYYY format. (Ex. 10/2004)
Leave Date blank to retrieve records up to present.
4. Enter a Span. (Ex. 18months) Span is measured backward from Date entered.
Leave Span blank for a span of 12 months.
5. Click the "View Data" button only once.

Station ID(s):

Sensor Number:

End Date:

Span:

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MONTHLY DATA BY WATER YEAR

<http://cdec.water.ca.gov/dynamicapp/QueryWY>

QueryWY web application facilitates the monthly data for water year. Users can select a desired span of water years starting from the end date as entered by users. The data view is downloadable in PDF, CSV and Excel formats.

Historical Data Selector



Monthly Data by Water Year

1. Enter part of a CDEC Station Name or a three-letter CDEC [Station ID](#).
Or specify one letter to retrieve Station IDs that begin with that letter.
2. Specify a Sensor Number. Leave blank for a list of [sensors](#) for a particular station.
3. Enter an End Date. Leave End Date blank to retrieve records up to present.
4. Enter a Span. (Ex. 12years) Span is measured backward from End Date entered. Leave Span blank for a span of 7 years.
5. Click the "View Data" button only once.
6. For reference, check the [Station Information](#) page for lists of Real-Time Stations, Daily Stations, or Monthly Stations.

Station ID(s)

Sensor Number:

End Date:

Span:

Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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DAILY STATION PLOTS

To plot all sensors for a Daily Station:

http://cdec.water.ca.gov/dynamicapp/sensorplots?dur_code=D

1. Specify a three-letter CDEC [Station ID](#). Specify four or more letters to search for all Station Names containing the letters. Specify one or two letters to retrieve Station IDs that begin with what you specify.
2. Case is not significant.
3. Click the "**Attempt to Plot**" button only once.

Station ID:

GROUP OF DAILY SENSORS PLOTS

To plot data for a Group of Daily Sensors:

http://cdec.water.ca.gov/dynamicapp/groupplots?dur_code=D

1. Specify a three-letter CDEC [Group ID](#).
2. Case is not significant.
3. Click the "**Attempt to Plot**" button only once.

Group ID:

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HISTORICAL SNOW SENSOR DATA SELECTOR

[HTTP://CDEC.WATER.CA.GOV/DYNAMICAPP/SELECTSNOW](http://cdec.water.ca.gov/dynamicapp/selectsnow)

	<p style="text-align: center;">HTML Data View</p> <p>To retrieve historical Snow Sensor Data for web display * Daily Data</p> <ol style="list-style-type: none">1. Please use auto complete form to select Station ID2. Enter a Start Date or an End Date. Leave Start Date blank for one month back of records. Leave End Date blank to retrieve records up to present.3. Click the "View Data" button only once. <p>Station ID <input type="text" value="MB3"/></p> <p>Start Date <input type="text" value="2019-04-14"/> <input type="button" value="x"/> <input type="button" value="calendar"/></p> <p>End Date <input type="text" value="2019-05-14"/> <input type="button" value="x"/> <input type="button" value="calendar"/></p> <p style="text-align: right;"><input type="button" value="View Data"/></p>
<p>General Data Download</p>	<p>To get data in JSON or Comma-Separated Value (CSV) format: Please use the form: Webservice JSON and CSV 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.</p> <p>NOTE: Times in the output rows will reflect the current local time (California/Los Angeles). Since it is currently daylight savings time, all the data rows returned will be shown as PDT</p>

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Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

 **MIDDLE BOULDER 3 (MB3)**

Elevation	6200 ft
River Basin	SCOTT R
Cooperator	US Bureau of Reclamation
Aspect	NORTH
Exposure	GRASSY MEADOW AND LOW BRUSH SURROUNDED BY TIMBER
April 1 Average	28.3
Station ID	MB3

DAILY DATA

[Earlier](#)

<i>Date</i>	<i>Depth</i>	<i>W.C.</i>	<i>Density</i>
04/14/2019	83.0	41.9	51%
04/15/2019	81.6	40.4	49%
04/16/2019	87.4	39.5	45%
04/17/2019	80.6	39.0	48%
04/18/2019	79.0	38.5	49%
04/19/2019	76.2	37.8	50%
04/20/2019	73.0	37.3	51%
04/21/2019	71.4	34.6	48%
04/22/2019	69.2	32.6	47%
04/23/2019	67.6	28.9	43%
04/24/2019	64.8	23.9	37%
04/25/2019	62.0	20.8	34%
04/26/2019	59.2	19.2	32%
04/27/2019	55.8	17.9	32%
04/28/2019	53.6	17.6	33%
04/29/2019	51.8	16.5	32%
04/30/2019	48.8	14.7	30%
05/01/2019	47.6	13.8	29%
05/02/2019	46.2	13.0	28%
05/03/2019	44.0	12.4	28%
05/04/2019	41.2	11.2	27%
05/05/2019	39.4	10.3	26%
05/06/2019	36.8	9.5	26%
05/07/2019	35.0	8.3	24%
05/08/2019	31.4	6.9	22%
05/09/2019	29.0	5.5	19%
05/10/2019	25.8	4.4	17%
05/11/2019	23.0	3.4	15%
05/12/2019	18.2	2.9	16%
05/13/2019	16.2	2.7	17%

Showing 1 to 30 of 30 entries

[Later](#) | [Latest](#)

Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

DAILY STATEWIDE SUMMARY SNOW WATER CONTENT

[HTTP://CDEC.WATER.CA.GOV/SNOWAPP/SWEQ.ACTION](http://cdec.water.ca.gov/snowapp/sweq.action)

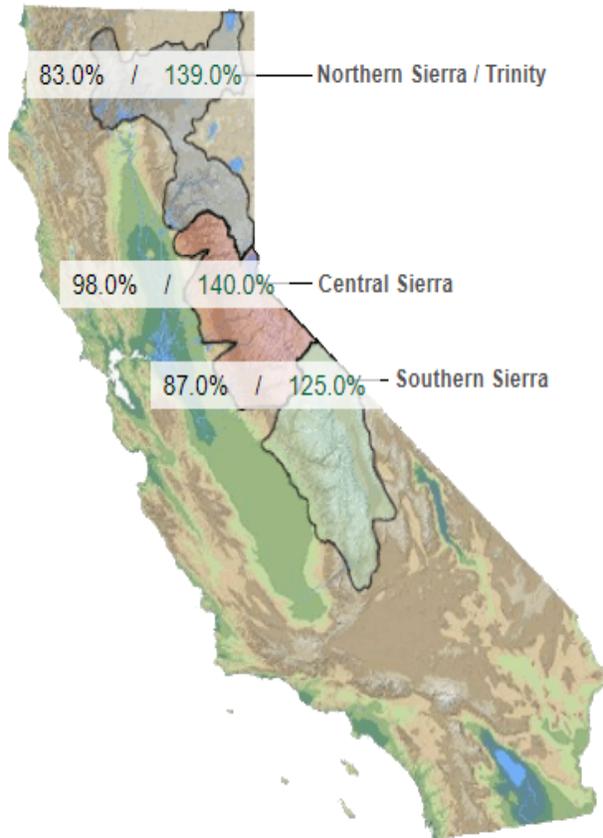
Screen Shot:

→ Snow Water Equivalents (inches)

Provided by the California Cooperative Snow Surveys

Data For: 08-May-2019

% Apr 1 Avg. / % Normal for this Date



Change Date :



08-May-2019

NORTH

Data For: 08-May-2019

Number of Stations Reporting	27
Average snow water equivalent	24.7"
Percent of April 1 Average	83%
Percent of normal for this date	139%

CENTRAL

Data For: 08-May-2019

Number of Stations Reporting	40
Average snow water equivalent	28.3"
Percent of April 1 Average	98%
Percent of normal for this date	140%

SOUTH

Data For: 08-May-2019

Number of Stations Reporting	26
Average snow water equivalent	21.5"
Percent of April 1 Average	87%
Percent of normal for this date	125%

STATEWIDE SUMMARY

Data For: 08-May-2019

Number of Stations Reporting	93
Average snow water equivalent	25.3"
Percent of April 1 Average	91%
Percent of normal for this date	135%

Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

DAILY REGIONAL SNOWPACK PLOTS FROM SNOW SENSORS

SWC GRAPH: Choose water years to graph snow water content as % of April 1 average:

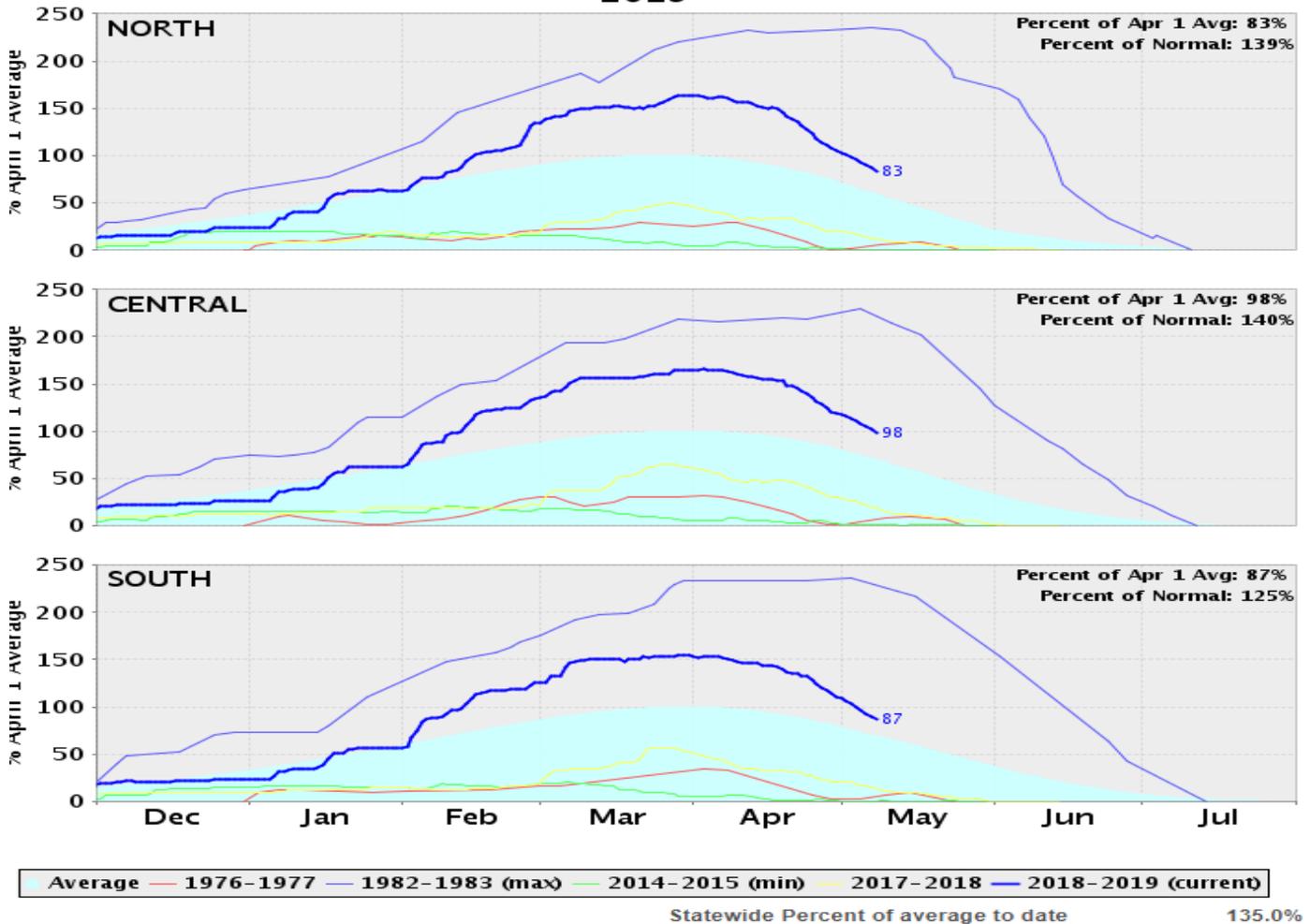
<http://cdec.water.ca.gov/snowapp/swcchart.action>

SWC Graph: Choose water years to graph snow water content as % of April 1 average:

- | | | | | |
|--|------------------------------------|---|------------------------------------|---|
| <input checked="" type="checkbox"/> 1976-1977 | <input type="checkbox"/> 2001-2002 | <input type="checkbox"/> 2005-2006 | <input type="checkbox"/> 2009-2010 | <input type="checkbox"/> 2013-2014 |
| <input checked="" type="checkbox"/> 1982-1983(max) | <input type="checkbox"/> 2002-2003 | <input type="checkbox"/> 2006-2007 | <input type="checkbox"/> 2010-2011 | <input checked="" type="checkbox"/> 2014-2015 (min) |
| <input type="checkbox"/> 1997-1998 | <input type="checkbox"/> 2003-2004 | <input type="checkbox"/> 2007-2008 | <input type="checkbox"/> 2011-2012 | <input type="checkbox"/> 2015-2016 |
| <input type="checkbox"/> 2000-2001 | <input type="checkbox"/> 2004-2005 | <input checked="" type="checkbox"/> 2008-2009 | <input type="checkbox"/> 2012-2013 | <input type="checkbox"/> 2016-2017 |
| | | | | <input checked="" type="checkbox"/> 2017-2018 |
| | | | | <input checked="" type="checkbox"/> 2018-2019 (current) |

(chart legend appears at bottom)

California Snow Water Content - Percent of April 1 Average For: 08-May-2019



Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

SNOW COURSE HISTORICAL DATA

To get data values for a particular Snow Course Number:

<http://cdec.water.ca.gov/dynamicapp/snowQuery>

1. Specify a *Snow Course Number*. A CDEC three-letter *Station ID* may also be used.
2. Select the *month* of measurement. All months may be selected.
3. Enter a *Starting Year* or an *Ending Year*. Leave either blank for begin/end of records.
4. For non-HTML results, check the "*comma-delimited output*" box.
5. Click the "**Retrieve Data**" button only once.

Snow Course Number: Month: Starting year: Ending year:

Get Data

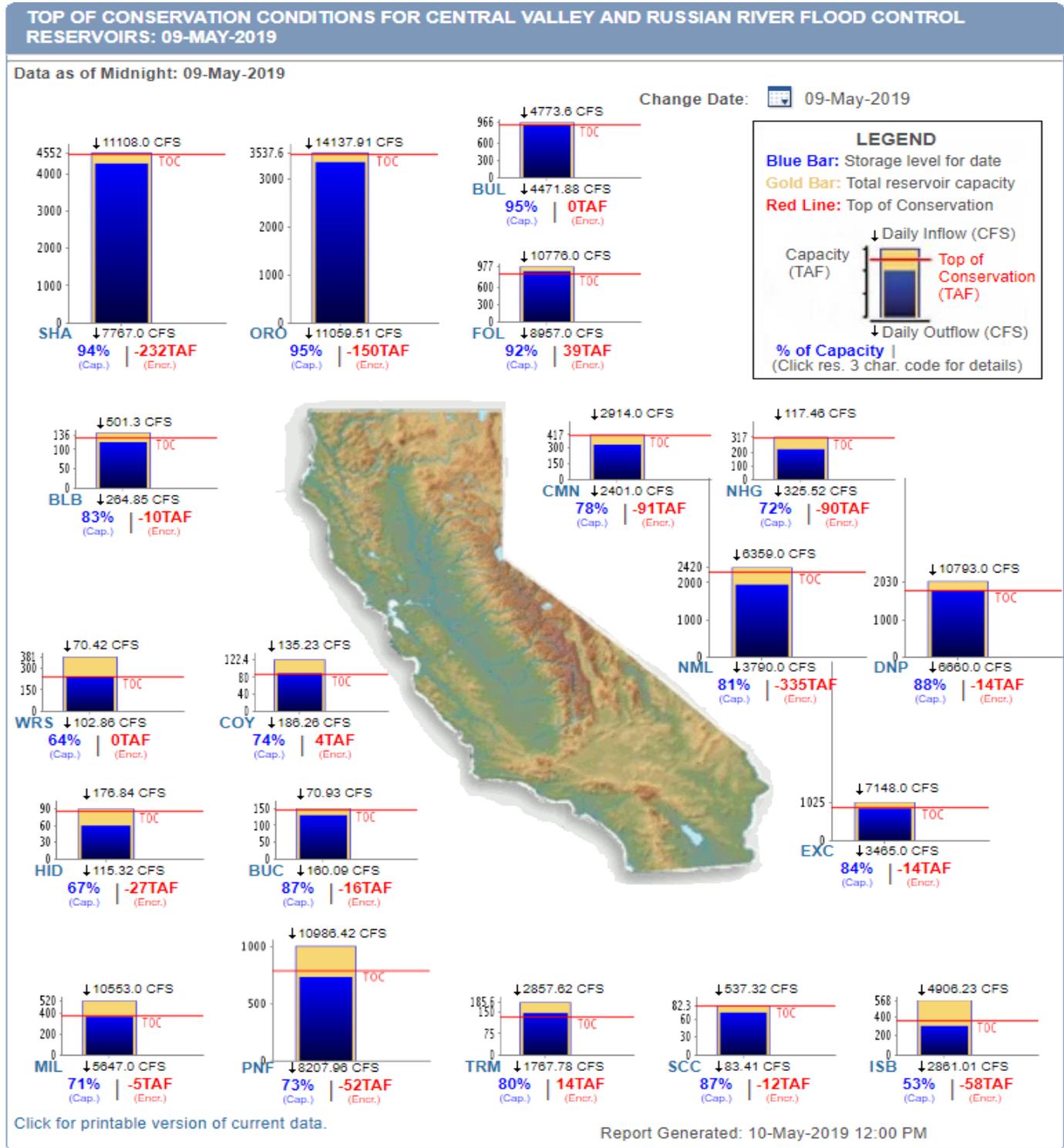
Snow Course Number	Station ID	Station Name	Elevation	Basin Name	Data Available
1	PRK	PARKS CREEK	6700	SHASTA R	1936 - Present
2	LSH	LITTLE SHASTA	6200	SHASTA R	1946 - Present
3	SWT	SWEETWATER	5850	SHASTA R	1936 - Present
4	ETN	ETNA MOUNTAIN	5900	SCOTT R	1951 - Present
5	MBL	MIDDLE BOULDER 1	6600	SCOTT R	1946 - Present
7	LOG	LOG LAKE	5300	SCOTT R	1951 - 1978
8	7UP	SEVEN UP	7400	TRINITY R	1947 - 1987
9	DDF	DEADFALL LAKES	7200	TRINITY R	1946 - Present
10	RRM	RED ROCK MOUNTAIN	6700	TRINITY R	1946 - Present
11	BBS	BEAR BASIN	6500	TRINITY R	1947 - Present
12	SHM	SHIMMY LAKE	6400	TRINITY R	1947 - Present
13	WLC	WOLFORD CABIN	6150	TRINITY R	1949 - Present
14	WHN	WHALAN	5400	TRINITY R	1940 - Present
15	MUM	MUMBO BASIN	5650	TRINITY R	1947 - Present
16	HIG	HIGHLAND LAKES	6030	TRINITY R	1947 - Present
17	BFT	BIG FLAT (COURSE)	5100	TRINITY R	1946 - Present
18	MSH	MOUNT SHASTA	7900	SACRAMENTO R	1930 - Present
19	SFT	SAND FLAT (COURSE)	6800	SACRAMENTO R	1945 - Present
20	NFS	NORTH FORK SACRAMENTO R	6900	SACRAMENTO R	1936 - Present
21	GYR	GRAY ROCK LAKES	6200	SACRAMENTO R	1941 - Present
22	SLT	SLATE CREEK	5700	SACRAMENTO R	1945 - Present
23	BWR	BREWER CREEK	6250	MC CLOUD R	1945 - Present
24	BUK	BUCK MOUNTAIN	5550	MC CLOUD R	1938 - 1977
25	STM	STOUTS MEADOW	5400	MC CLOUD R	1945 - Present
26	ASH	ASH CREEK	5000	MC CLOUD R	1945 - Present
27	DHC	DEAD HORSE CANYON	4500	MC CLOUD R	1945 - Present
28	BLU	BLUE LAKE RANCH	6800	PIT R	1940 - Present
29	EGP	EAGLE PEAK	7200	PIT R	1930 - 1983
30	CDP	CEDAR PASS	7100	PIT R	1930 - Present
31	BMN	BLACKS MOUNTAIN	6700	PIT R	1945 - Present
32	MDC	MEDICINE LAKE	6700	PIT R	1938 - Present
33	THL	THOUSAND LAKES	6500	PIT R	1946 - Present
34	SMT	SNOW MOUNTAIN	6050	PIT R	1930 - Present
35	ADI	ADIN MOUNTAIN	6200	PIT R	1930 - Present
36	OMN	MANZANITA LAKE (OLD)	6000	PIT R	1936 - 1955
37	MCP	MCELROY PASS	5300	PIT R	1939 - Present
39	HLF	HALLS FLAT	5600	PIT R	1945 - 1957
41	BNS	BURNEY SPRINGS	4700	PIT R	1945 - Present
45	SVR	SILVER LAKE MEADOWS	6450	SUSAN R	1940 - Present
46	NRF	NORVELL FLAT	5700	SUSAN R	1940 - Present
47	LLP	LOWER LASSEN PEAK	8250	FEATHER R	1930 - Present
48	MDY	MOUNT DYER 1	7100	FEATHER R	1930 - Present
49	LTT	LETTERBOX	5600	FEATHER R	1940 - Present
50	FP1	FREDONYER PASS 1	5750	FEATHER R	1930 - 1983

Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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TOP OF CONSERVATION CONDITIONS FOR FLOOD CONTROL RESERVOIRS

<http://cdec.water.ca.gov/resapp/RescondTopMain>

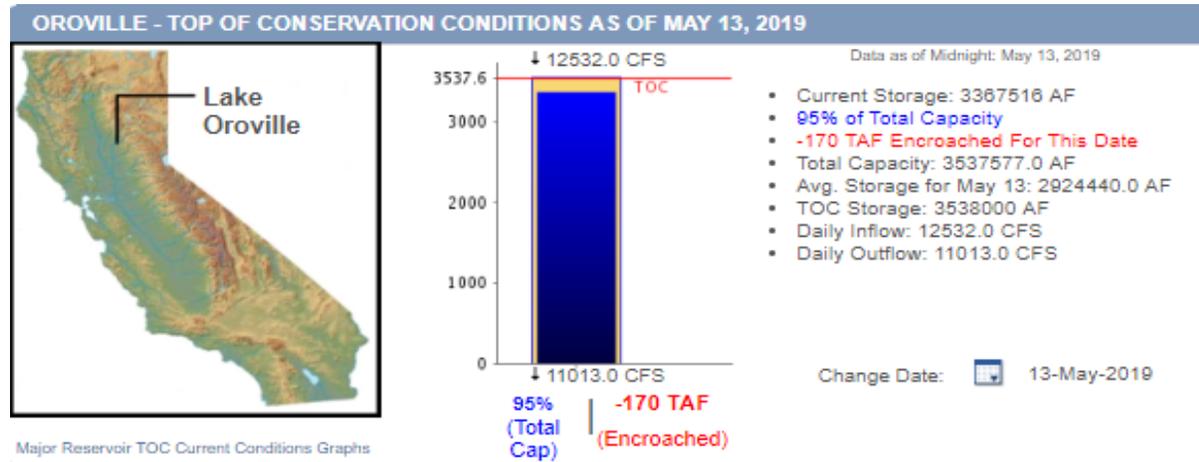


Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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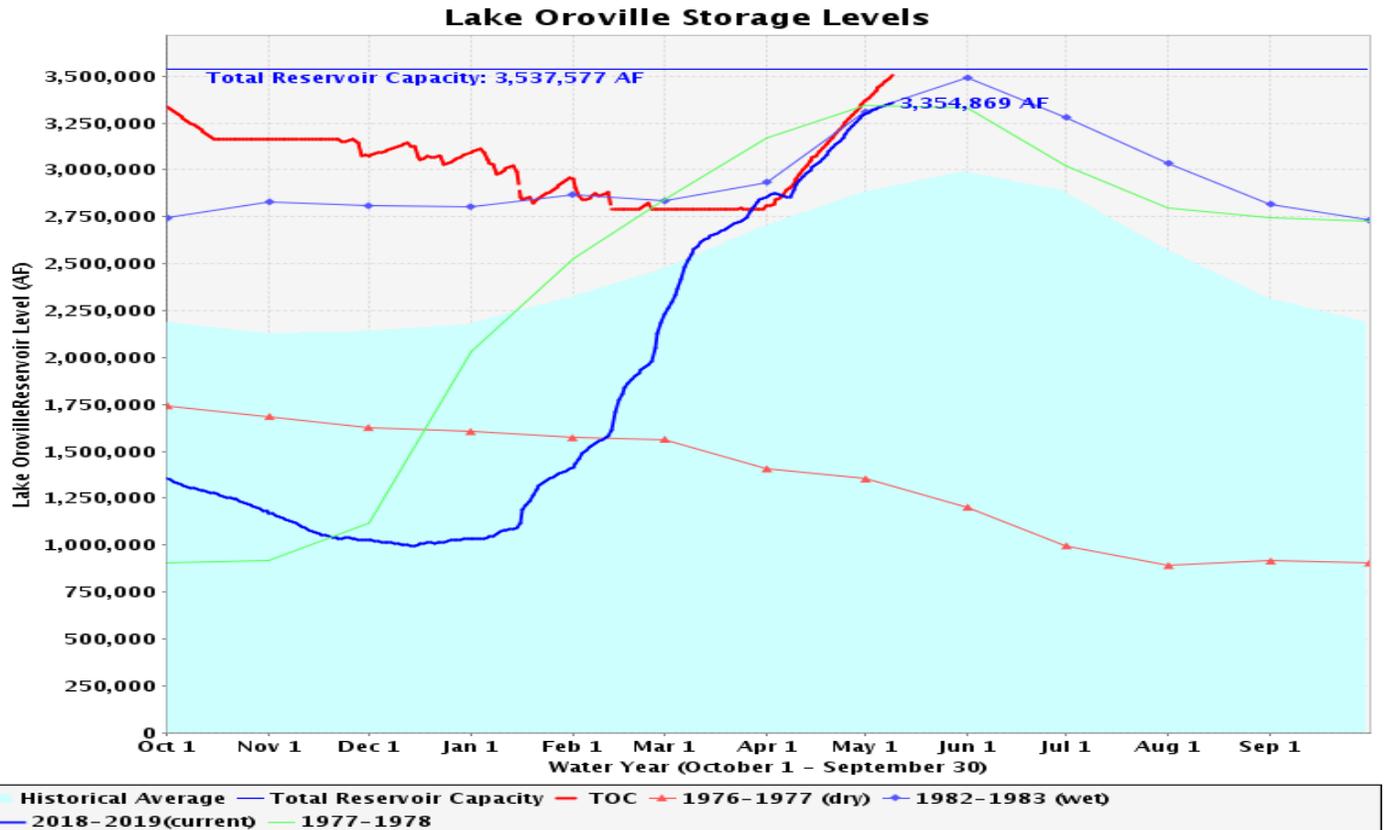
RESERVOIR STORAGE CONDITIONS – LAKE OROVILLE

<http://cdec.water.ca.gov/resapp/ResDetailTop?resid=ORO>



Oroville Storage Level Graph: choose water years to plot:

- 1976-1977 (dry)
 - 1977-1978
 - 1982-1983 (wet)
 - 1988-1989
 - 1989-1990
 - 1990-1991
- (ctrl+click for multiple selections)

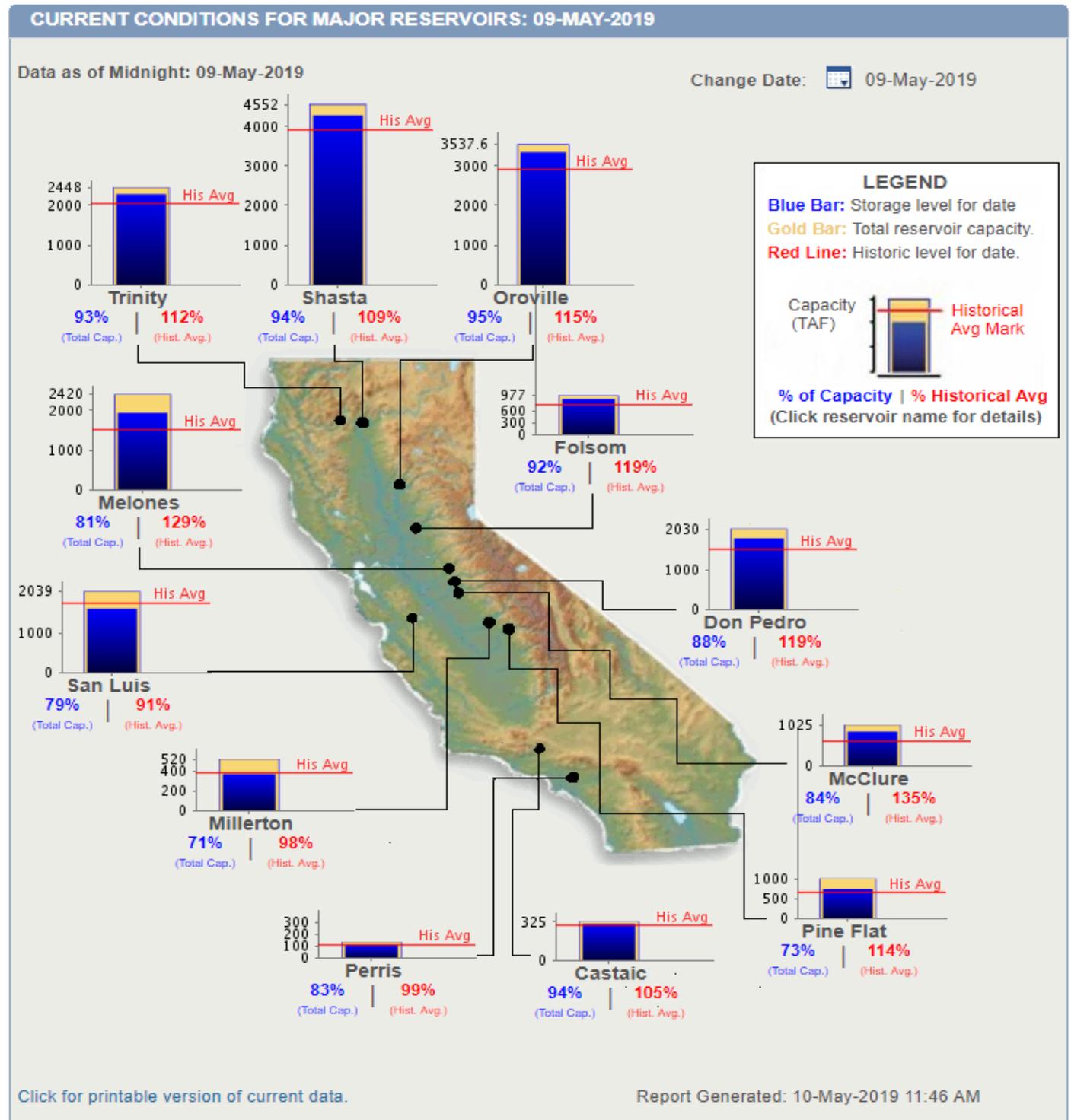


Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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CURRENT CONDITIONS FOR WATER SUPPLY MAJOR RESERVOIRS

<http://cdec.water.ca.gov/resapp/RescondMain>

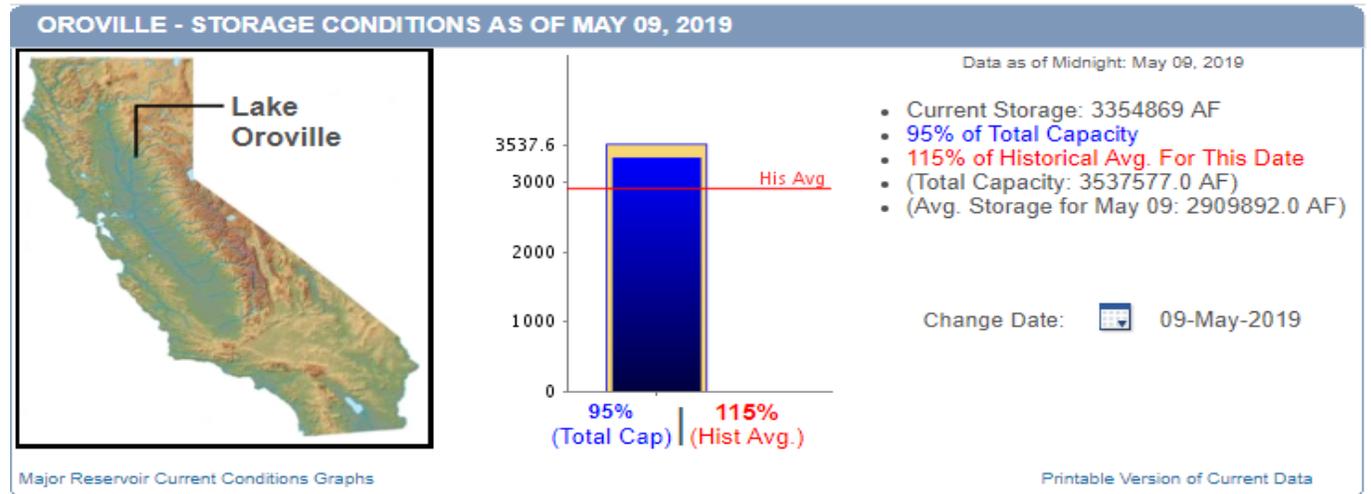


Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

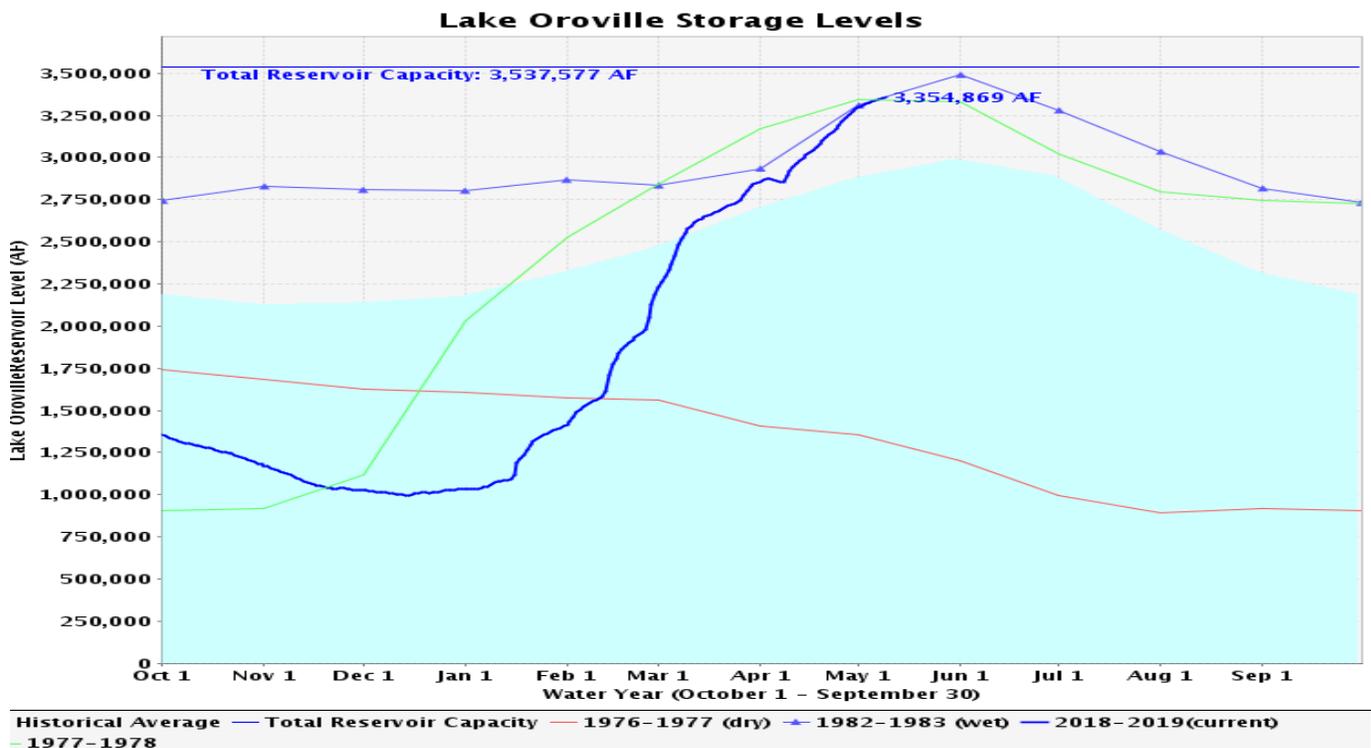
STORAGE CONDITIONS – OROVILLE

<http://cdec.water.ca.gov/resapp/ResDetail?resid=ORO>



Oroville Storage Level Graph: Choose water years to plot:

- 1976-1977 (dry)
 - 1977-1978
 - 1982-1983 (wet)
 - 1988-1989
 - 1989-1990
 - 1990-1991
- (ctrl+click for multiple selections)



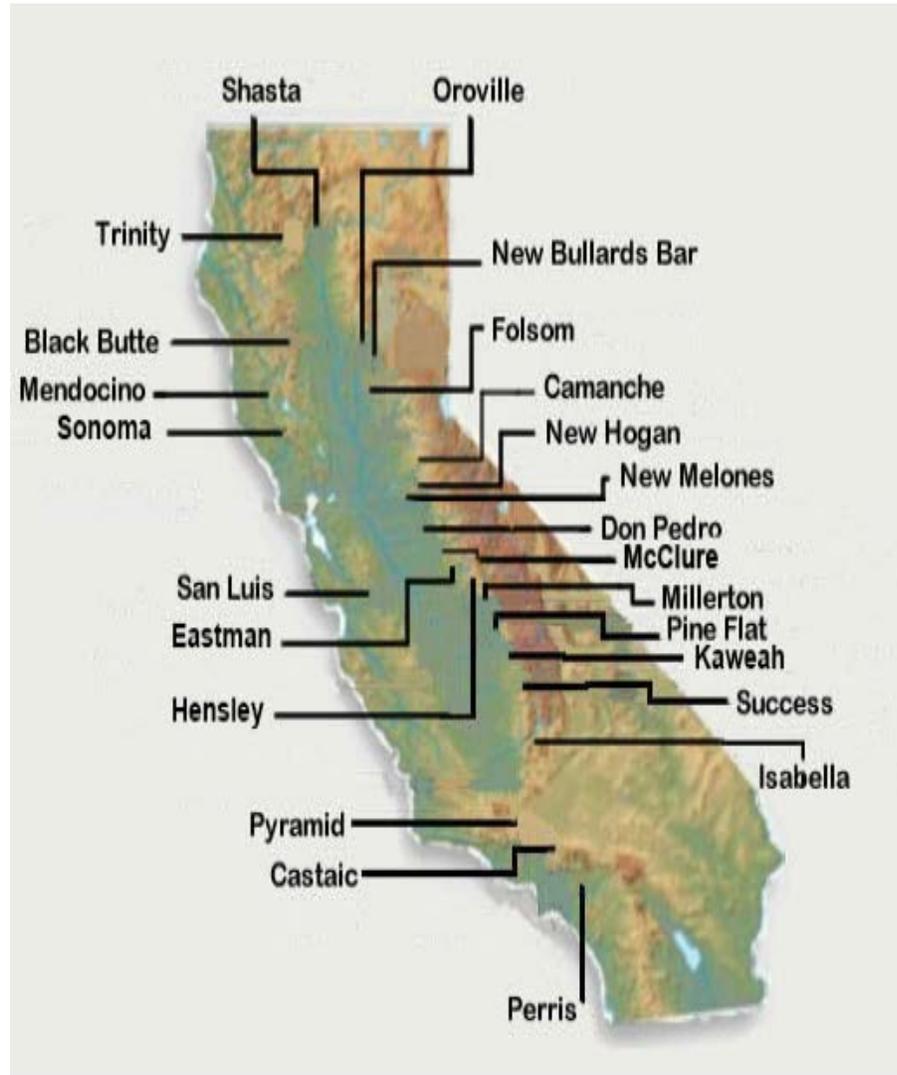
Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

SELECTED RESERVOIRS CURRENT CONDITIONS GRAPH

http://cdec.water.ca.gov/reservoir_map.html

CURRENT CONDITIONS FOR SELECTED RESERVOIRS



- » [Lake Shasta \(Interactive\) | \(PDF\)](#)
- » [Trinity Lake \(Interactive\) | \(PDF\)](#)
- » [Black Butte Lake \(Interactive\) | \(PDF\)](#)
- » [Lake Oroville \(Interactive\) | \(PDF\)](#)
- » [New Bullards Bar Reservoir \(Interactive\) | \(PDF\)](#)
- » [Folsom Lake \(Interactive\) | \(PDF\)](#)
- » [Camanche Reservoir \(Interactive\) | \(PDF\)](#)
- » [New Hogan Lake \(Interactive\) | \(PDF\)](#)
- » [New Melones Lake \(Interactive\) | \(PDF\)](#)
- » [Don Pedro Reservoir \(Interactive\) | \(PDF\)](#)
- » [Lake McClure \(Interactive\) | \(PDF\)](#)
- » [San Luis Reservoir \(Interactive\) | \(PDF\)](#)
- » [Eastman Lake \(Interactive\) | \(PDF\)](#)
- » [Hensley Lake \(Interactive\) | \(PDF\)](#)
- » [Millerton Lake \(Interactive\) | \(PDF\)](#)
- » [Pine Flat Reservoir \(Interactive\) | \(PDF\)](#)
- » [Lake Kaweah \(Interactive\) | \(PDF\)](#)
- » [Success Lake \(Interactive\) | \(PDF\)](#)
- » [Isabella Lake \(Interactive\) | \(PDF\)](#)
- » [Lake Mendocino \(Interactive\) | \(PDF\)](#)
- » [Lake Sonoma \(Interactive\) | \(PDF\)](#)
- » [Pyramid Lake \(Interactive\) | \(PDF\)](#)
- » [Castaic Lake \(Interactive\) | \(PDF\)](#)
- » [Lake Perris \(Interactive\) | \(PDF\)](#)

Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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NORTHERN SIERRA PRECIPITATION 8-STATION INDEX

Choose water years to plot 8 station precipitation index:

<http://cdec.water.ca.gov/precipapp/get8SIPrecipIndex.action>

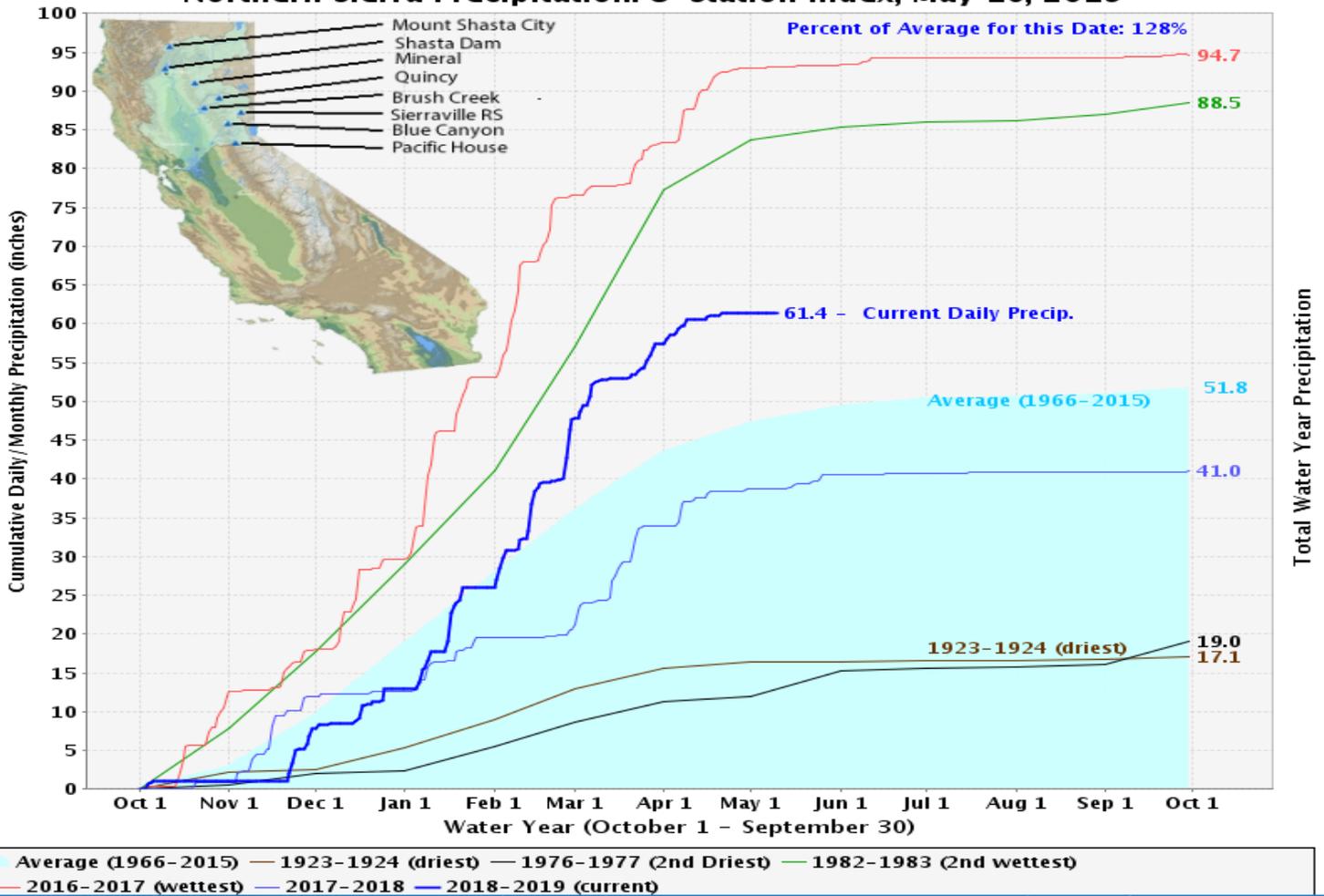
NORTHERN SIERRA PRECIPITATION 8-STATION INDEX

Choose water years to plot 8 station precipitation index:

<input checked="" type="checkbox"/> 1923-1924 (driest)	<input type="checkbox"/> 2005-2006	<input type="checkbox"/> 2012-2013
<input checked="" type="checkbox"/> 1976-1977 (2nd driest)	<input type="checkbox"/> 2006-2007	<input type="checkbox"/> 2013-2014
<input checked="" type="checkbox"/> 1982-1983 (2nd wettest)	<input type="checkbox"/> 2007-2008	<input type="checkbox"/> 2014-2015
<input type="checkbox"/> 2000-2001	<input type="checkbox"/> 2008-2009	<input type="checkbox"/> 2015-2016
<input type="checkbox"/> 2001-2002	<input type="checkbox"/> 2009-2010	<input checked="" type="checkbox"/> 2016-2017 (wettest)
<input type="checkbox"/> 2002-2003	<input type="checkbox"/> 2010-2011	<input checked="" type="checkbox"/> 2017-2018
	<input type="checkbox"/> 2011-2012	<input checked="" type="checkbox"/> 2018-2019 (current)

(chart legend appears at bottom)

Northern Sierra Precipitation: 8-Station Index, May 10, 2019



Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

SAN JOAQUIN BASIN PRECIPITATION 5-STATION INDEX

Choose water years to plot 5 station precipitation index:

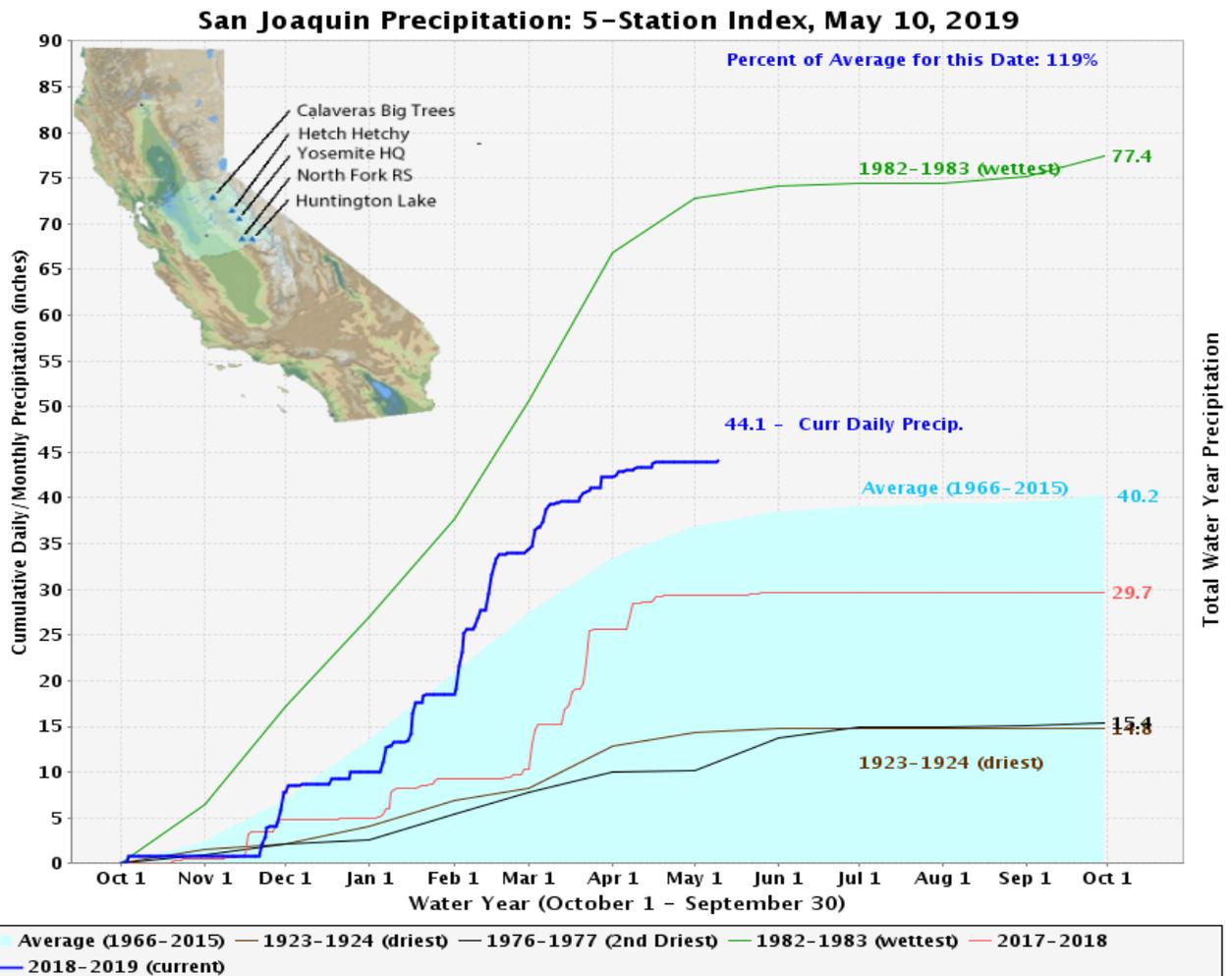
<http://cdec.water.ca.gov/precipapp/get5SIPreciIndex.action>

SAN JOAQUIN BASIN PRECIPITATION 5-STATION INDEX

Choose water years to plot 5 station precipitation index:

<input checked="" type="checkbox"/> 1923-1924 (driest)	<input type="checkbox"/> 2006-2007	<input type="checkbox"/> 2010-2011	<input type="checkbox"/> 2014-2015	<input type="button" value="Draw Chart"/> (chart legend appears at bottom)
<input checked="" type="checkbox"/> 1976-1977 (2nd driest)	<input type="checkbox"/> 2007-2008	<input type="checkbox"/> 2011-2012	<input type="checkbox"/> 2015-2016	
<input checked="" type="checkbox"/> 1982-1983 (wettest)	<input type="checkbox"/> 2008-2009	<input type="checkbox"/> 2012-2013	<input type="checkbox"/> 2016-2017	
<input type="checkbox"/> 2005-2006	<input type="checkbox"/> 2009-2010	<input type="checkbox"/> 2013-2014	<input checked="" type="checkbox"/> 2017-2018	
			<input checked="" type="checkbox"/> 2018-2019 (current)	

[Printable Version of Current Data](#)



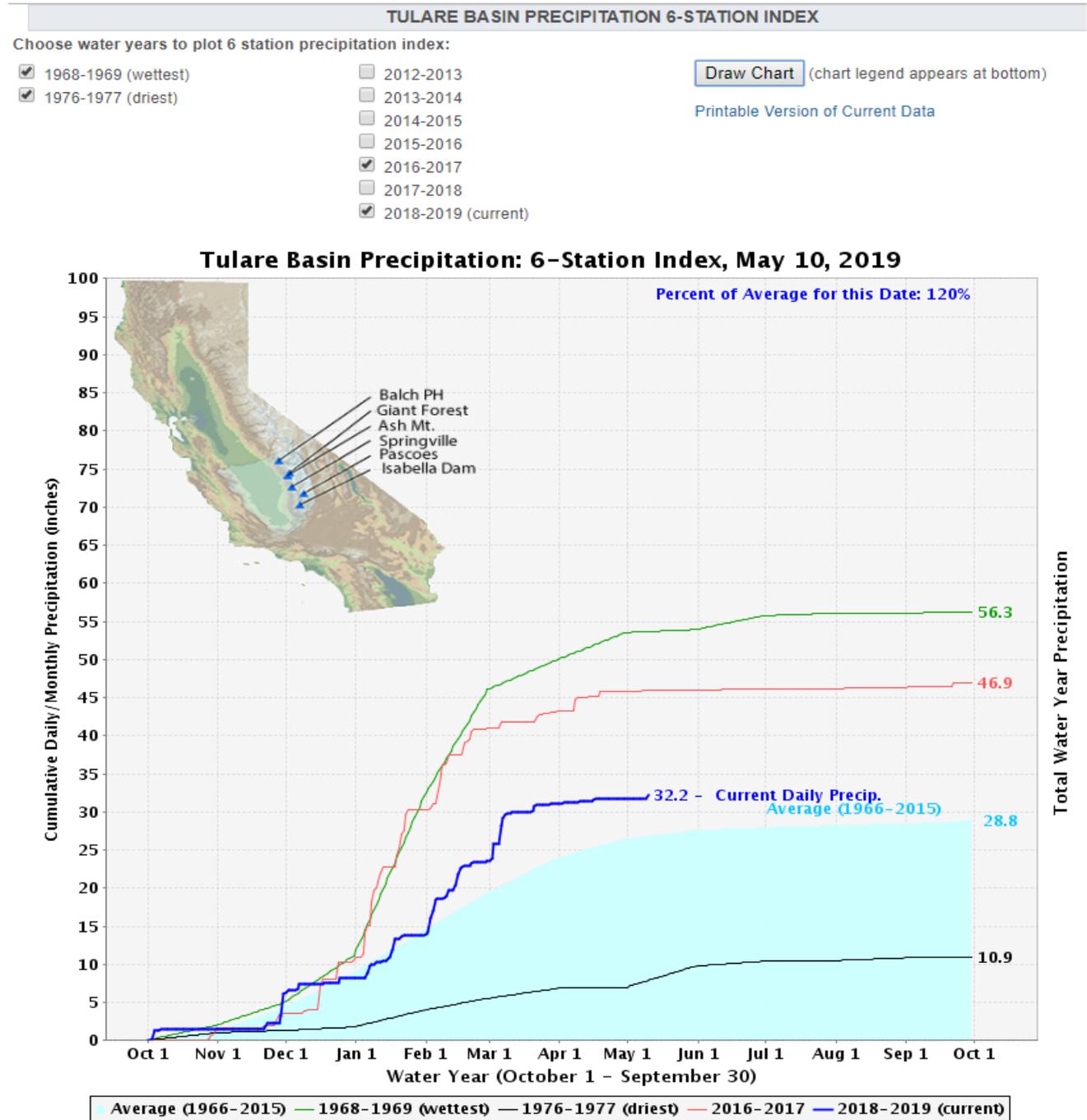
Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

TULARE BASIN PRECIPITATION 6-STATION INDEX

Choose water years to plot 6 station precipitation index:

<http://cdec.water.ca.gov/precipapp/get6SIPrecipIndex.action>



Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

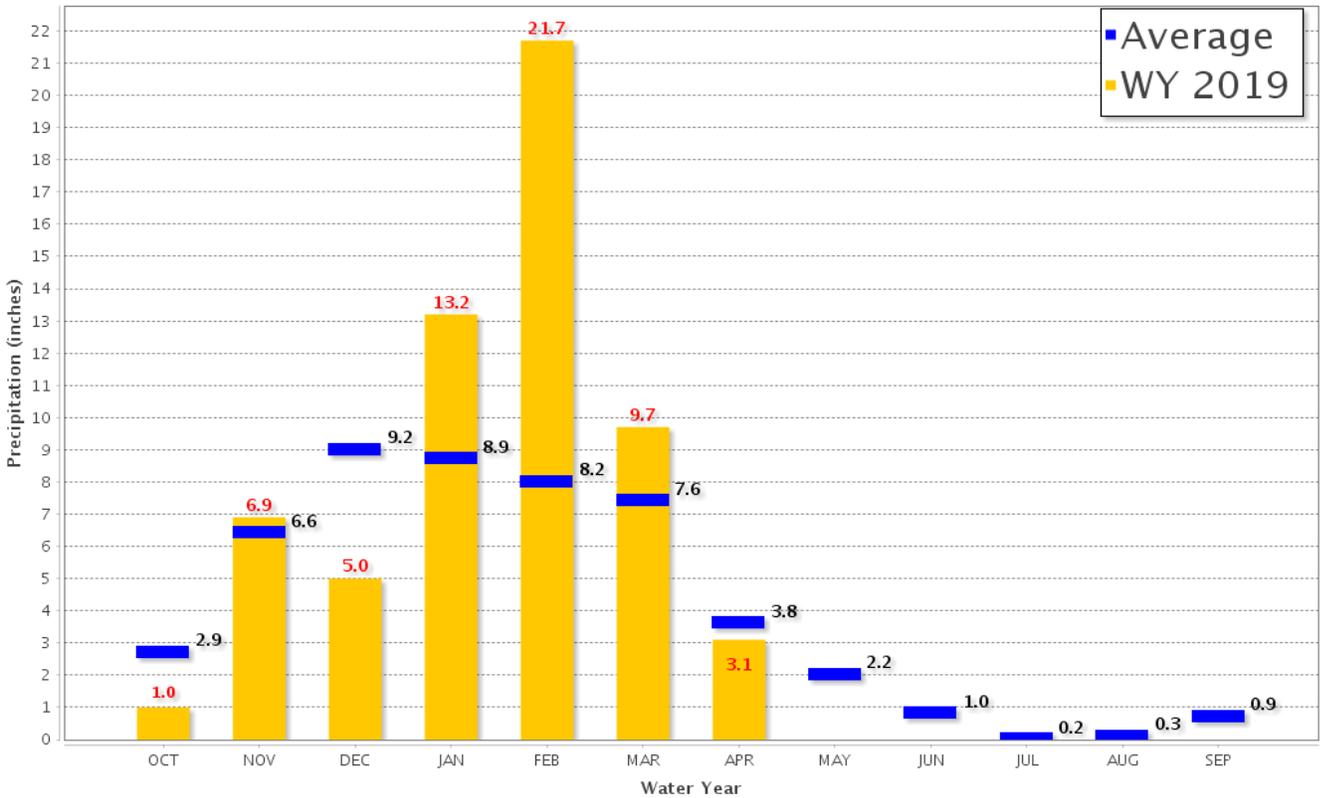
NORTHERN SIERRA 8-STATION PRECIPITATION INDEX CHART

http://cdec.water.ca.gov/images/WYPrecip/BAR_ESI.PNG



Northern Sierra 8-Station Precipitation Index for Water Year 2019 - Updated on April 11, 2019 03:48 PM

Note: Monthly totals may not add up to seasonal total because of rounding
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

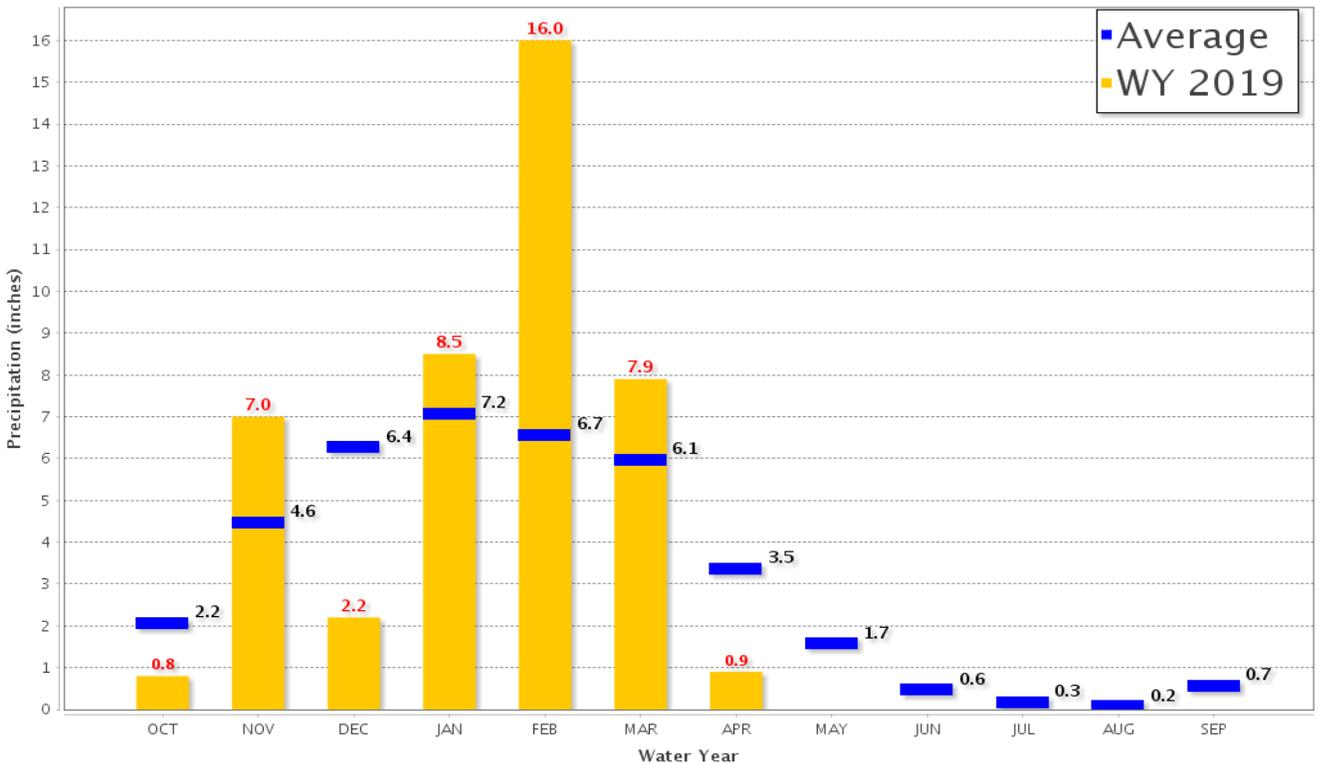
SAN JOAQUIN 5-STATION PRECIPITATION INDEX CHART

http://cdec.water.ca.gov/images/WYPrecip/BAR_FSI.PNG



San Joaquin 5-Station Precipitation Index for Water Year 2019 - Updated on April 11, 2019 03:48 PM

Note: Monthly totals may not add up to seasonal total because of rounding
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

Interactive Web Applications that accept user input for Station ID(s), Group ID(s) support **AUTO-COMPLETE** feature that generates a drop-down list of possible matches for partial user entries.

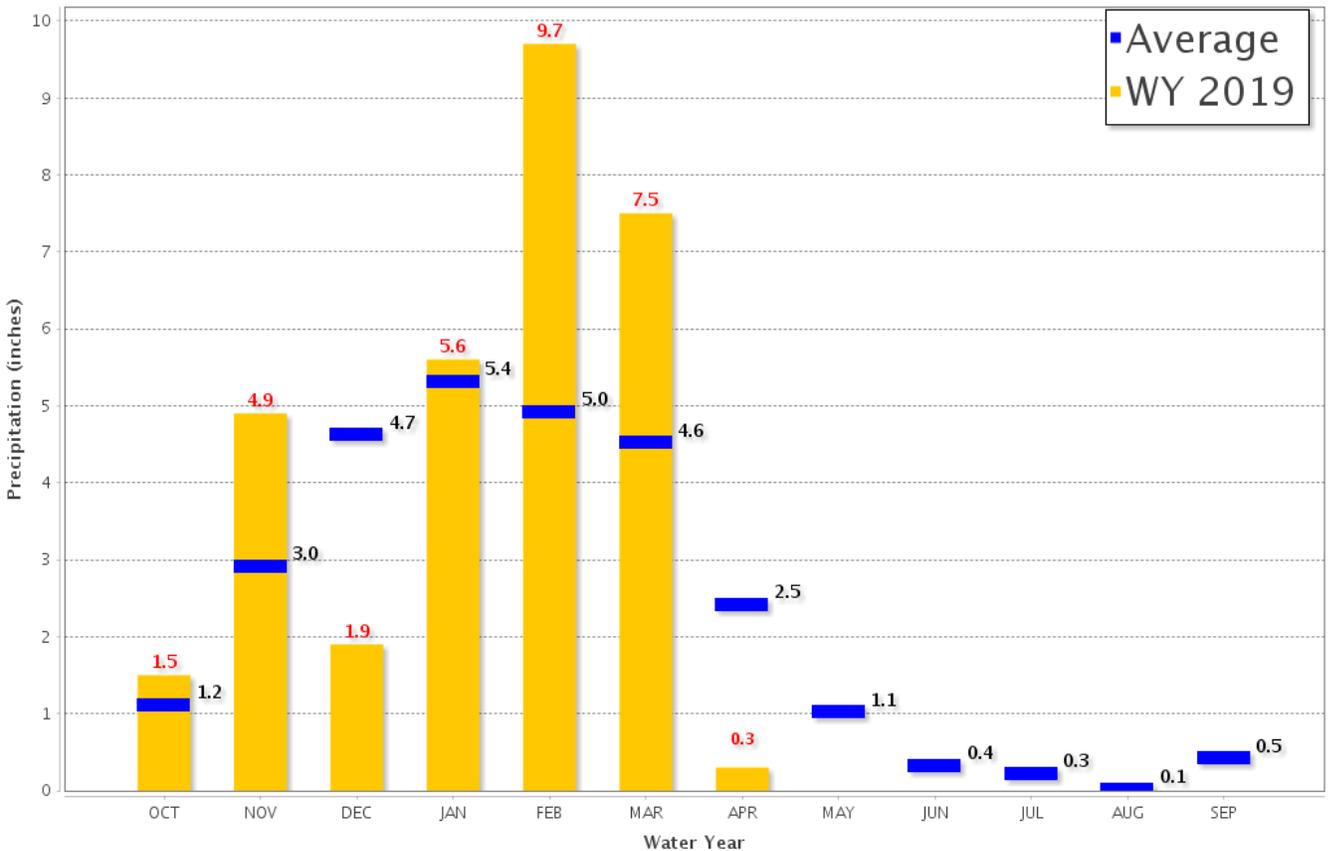
TULARE BASIN 6-STATION PRECIPITATION INDEX CHART

http://cdec.water.ca.gov/images/WYPrecip/BAR_TSI.PNG



Tulare Basin 6-Station Precipitation Index for Water Year 2019 - Updated on April 11, 2019 03:48 PM

Note: Monthly totals may not add up to seasonal total because of rounding
Water Year Monthly totals are calculated based on Daily precipitation data from 12am to 12am PST



Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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NORTHERN SIERRA 8-STATION PRECIPITATION TABULAR PRODUCT

http://cdec.water.ca.gov/reportapp/javareports?name=TAB_ESI.pdf

Northern Sierra 8-Station Precipitation (inches)

Water Year 2019

Friday, May 10, 2019

Month	Average (Inches)	Observed (Inches)	Observed (as Percent of Avg)
October-2018	2.9"	1.0"	34%
November-2018	6.6"	6.9"	104%
December-2018	9.2"	5.0"	54%
January-2019	8.9"	13.2"	148%
February-2019	8.2"	21.7"	264%
March-2019	7.6"	9.7"	127%
April-2019	3.8"	3.9"	102%
May-2019	2.2"	0.0"	0%
June-2019	1.0"		
July-2019	0.2"		
August-2019	0.3"		
September-2019	0.9"		

Total precipitation since Thursday, May 09, 2019, 0400 PST: 0.0"

Total precipitation for past 7 days, 0400 - 0400 PST: 0.0"

(Monthly totals may not add up to seasonal total because of rounding)

Seasonal Total to Date (Inches)	Seasonal Avg to Date (Inches)	Percent of Seasonal Avg to Date	
61.4"	47.9"	128%	
Water Year Average (Inches)		Percent of an Average Water Year	
51.8"		118%	
Driest Water Years	Precipitation (inches)	Wettest Water Years	Precipitation (inches)
1924	17.1"	2017	94.7"
1977	19.0"	1983	88.5"
1939	27.7"	1995	85.4"
1931	28.0"	1982	84.8"
1976	28.3"	1998	82.4"
1987	28.6"	2006	80.2"
1929	29.4"	1974	78.6"
2014	31.4"	1938	75.6"

Notes:	Precipitation (inches)	Percent of Average
Last Year Seasonal Total to Date	38.8"	81%
Last Year May-2018 Total	1.8"	82%

Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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SAN JOAQUIN 5-STATION PRECIPITATION TABULAR PRODUCT

http://cdec.water.ca.gov/reportapp/javareports?name=TAB_FSI.pdf

San Joaquin 5-Station Precipitation (inches)

Water Year 2019

Friday, May 10, 2019

Month	Average (Inches)	Observed (Inches)	Observed (as Percent of Avg)
October-2018	2.2"	0.8"	36%
November-2018	4.6"	7.0"	152%
December-2018	6.4"	2.2"	34%
January-2019	7.2"	8.5"	118%
February-2019	6.7"	16.0"	238%
March-2019	6.1"	7.9"	129%
April-2019	3.5"	1.6"	45%
May-2019	1.7"	0.1"	5%
June-2019	0.6"		
July-2019	0.3"		
August-2019	0.2"		
September-2019	0.7"		

Total precipitation since Thursday, May 09, 2019, 0400 PST: 0.1"

Total precipitation for past 7 days, 0400 - 0400 PST: 0.1"

(Monthly totals may not add up to seasonal total because of rounding)

Seasonal Total to Date (Inches)	Seasonal Avg to Date (Inches)	Percent of Seasonal Avg to Date	
44.1"	37.2"	118%	
Water Year Average (Inches)		Percent of an Average Water Year	
40.2"		109%	
Driest Water Years	Precipitation (inches)	Wettest Water Years	Precipitation (inches)
1924	14.6"	1983	77.4"
1977	15.4"	2017	72.7"
2015	19.0"	1995	70.0"
2014	20.4"	1969	67.9"
1987	20.4"	1982	67.5"
1931	22.3"	2011	65.4"
1968	23.6"	1998	65.3"

Notes:	Precipitation (inches)	Percent of Average
Last Year Seasonal Total to Date	29.4"	79%
Last Year May-2018 Total	0.3"	18%
Last Year April-2018	3.7"	105%

Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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TULARE BASIN 6-STATION PRECIPITATION TABULAR PRODUCT

http://cdec.water.ca.gov/reportapp/javareports?name=TAB_TSI.pdf

Tulare Basin 6-Station Precipitation (inches)

Water Year 2019

Friday, May 10, 2019

Month	Average (Inches)	Observed (Inches)	Observed (as Percent of Avg)
October-2018	1.2"	1.5"	125%
November-2018	3.0"	4.9"	163%
December-2018	4.7"	1.9"	40%
January-2019	5.4"	5.6"	103%
February-2019	5.0"	9.7"	193%
March-2019	4.6"	7.5"	163%
April-2019	2.5"	0.6"	24%
May-2019	1.1"	0.5"	45%
June-2019	0.4"		
July-2019	0.3"		
August-2019	0.1"		
September-2019	0.5"		

Total precipitation since Thursday, May 09, 2019, 0400 PST: 0.5"

Total precipitation for past 7 days, 0400 - 0400 PST: 0.5"

(Monthly totals may not add up to seasonal total because of rounding)

Seasonal Total to Date (Inches)	Seasonal Avg to Date (Inches)	Percent of Seasonal Avg to Date	
32.2"	26.8"	120%	
Water Year Average (Inches)		Percent of an Average Water Year	
28.8"		111%	
Driest Water Years	Precipitation (inches)	Wettest Water Years	Precipitation (inches)
1977	10.9"	1969	56.3"
1924	11.8"	1983	56.2"
1959	13.4"	1998	54.2"
2015	13.5"	1967	50.1"
2014	14.2"	1978	49.9"
1961	15.7"	1938	47.6"
1934	16.0"	2017	46.8"

Notes:	Precipitation (inches)	Percent of Average
Last Year Seasonal Total to Date	17.4"	65%
Last Year May-2018 Total	0.2"	18%

Note: All Tabular data views support PDF, CSV and Excel downloads. Screen captures in this document show partial data which may not be current.

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<http://cdec.water.ca.gov/dynamicapp/selectFNF>

Daily Total Unimpaired Runoff

To get data values for daily total unimpaired runoff:

1. Enter a *date*. *Example*: 10/31/1998
2. Enter a *span* of time. *Example*: 30days
The span is measured backward from the date entered.
3. Click the "Retrieve Data" button only once.

End Date:

2019-05-15  

Span in days: 

Screen capture data-view

Daily Total Unimpaired Runoff

Full Natural Flow values in Thousand Acre Feet (TAF). Values in **red** are NEGATIVE values.

Data from 04/15/2019 to 05/15/2019. Query executed Wed May 15,2019 at 09:31:19

Earlier

Station ID	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14
CLE	8.64	7.87	13.44	15.63	16.28	13.62	12.59	15.33	19.57	20.09	18.08	15.95	14.45	13.57	13.70	11.24	8.89	8.84	9.74	11.21	12.15	12.49	12.96	12.81	12.27	11.69	12.08	11.27	---
BND	57.78	49.68	47.19	48.40	46.53	45.41	43.11	45.63	42.33	44.24	44.76	41.41	39.31	39.77	34.08	35.99	32.37	31.36	27.82	26.21	26.01	28.16	28.21	30.58	30.72	23.30	26.57	24.58	---
SHA	37.46	33.63	32.69	33.26	33.08	31.47	31.03	30.55	31.45	31.26	30.60	29.30	26.90	24.91	24.48	22.66	20.78	20.72	20.05	17.80	18.87	19.55	19.88	19.73	19.75	18.26	17.03	15.97	16.43
WHI	2.03	1.84	1.75	1.71	1.66	1.56	1.42	1.42	1.27	1.34	1.18	1.19	1.11	1.10	0.96	0.91	0.86	0.88	0.88	0.92	0.75	0.76	0.72	0.82	0.71	0.69	0.72	0.69	0.54
ORO	39.03	36.49	37.58	40.88	45.35	43.64	42.80	42.14	45.86	49.01	49.88	48.11	46.63	42.85	41.63	35.66	31.32	32.08	31.20	31.38	31.95	32.57	33.01	33.12	30.24	28.54	28.66	---	---
YRS	16.67	15.03	16.45	19.33	20.44	19.87	18.85	19.27	22.82	25.63	25.76	23.92	23.95	21.11	20.33	17.33	15.85	15.61	16.47	16.84	20.93	18.56	19.56	21.79	18.73	18.28	18.65	---	---
FOL	20.29	18.33	18.98	28.91	28.67	24.12	23.12	24.78	29.46	33.64	35.57	31.48	28.92	25.23	23.00	20.83	18.41	20.03	20.23	19.86	20.69	21.49	21.66	22.42	23.31	20.81	21.28	22.96	---
MHB	4.21	4.04	3.79	3.91	4.06	3.95	3.75	3.61	3.66	3.82	3.97	3.86	3.69	3.46	3.24	3.01	2.69	2.58	2.53	2.50	2.45	2.43	2.41	2.43	2.37	2.26	2.18	2.11	---
MKM	7.15	5.56	6.52	8.39	9.33	8.44	7.98	7.37	9.96	11.88	12.59	11.90	11.24	9.83	6.41	6.61	6.65	7.42	7.45	7.43	12.53	9.61	9.64	10.43	9.31	8.55	9.41	10.04	10.50
NHG	0.74	0.68	0.65	0.58	0.46	0.50	0.52	0.53	0.53	0.44	0.38	0.44	0.41	0.37	0.36	0.33	0.37	0.34	0.29	0.32	0.25	0.29	0.31	0.23	0.31	0.24	0.24	0.25	---
GDW	10.10	8.66	11.42	10.83	15.43	11.95	12.37	11.38	17.01	18.73	18.88	17.87	16.88	15.33	14.57	12.51	12.02	12.49	12.52	13.48	13.80	15.32	15.00	16.45	14.13	14.10	14.85	---	---
NML	8.26	7.97	8.44	9.57	9.99	9.31	9.37	9.94	11.29	13.37	13.85	12.98	12.56	11.65	11.18	10.02	9.52	9.61	9.49	10.23	10.86	11.41	11.83	12.58	10.94	11.18	11.40	12.61	12.65
TLG	13.68	11.60	11.11	15.69	17.85	16.23	16.17	17.09	18.80	22.37	26.39	27.31	24.94	22.39	20.32	18.21	16.94	16.12	18.89	20.04	19.69	21.50	21.89	25.92	22.39	19.51	21.04	23.80	24.60
MRC	5.65	7.09	7.25	9.08	9.58	8.60	8.89	10.01	12.53	14.72	15.62	16.18	14.16	13.62	13.09	10.59	10.43	11.61	12.28	12.76	12.81	14.46	14.46	14.18	12.77	12.38	13.92	---	---
MIL	11.61	10.29	11.71	12.09	15.23	14.83	13.12	15.59	17.37	22.18	24.46	23.80	23.00	21.75	20.75	18.47	17.34	18.34	19.55	20.69	21.66	21.74	23.32	24.71	22.07	19.31	21.90	24.40	25.08
PNF	9.48	8.81	10.63	13.33	14.56	14.17	12.73	15.04	18.25	21.82	25.51	25.66	24.53	22.51	20.12	19.12	17.23	18.85	20.39	22.91	21.28	21.64	25.20	24.69	22.63	21.08	22.14	24.47	26.35
TRM	3.15	2.64	3.27	3.74	4.46	3.91	3.57	4.19	4.77	5.74	6.81	6.39	6.27	5.94	5.38	4.96	4.96	5.01	5.45	5.55	5.51	4.94	5.32	5.67	6.21	5.02	5.10	5.63	---
SCC	1.16	1.10	1.08	1.20	1.31	1.28	1.22	1.18	1.25	1.42	1.59	1.64	1.51	1.47	1.26	1.20	1.13	1.09	1.12	1.11	1.10	1.02	1.05	1.07	1.41	1.19	1.12	1.10	---
ISB	6.33	6.42	6.37	7.12	7.64	8.02	8.11	7.79	8.32	9.14	10.30	10.91	11.07	10.75	10.24	9.42	8.98	8.77	8.93	9.17	9.14	9.00	9.03	9.73	11.47	10.20	8.92	9.15	---

Later | Latest

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LOOKUP TABLES AND URL REFERENCES

FOR MORE LISTING REPORTS PLEASE REFER TO STATIONS PAGE

<http://cdec.water.ca.gov/staInfo.html>

DATA FLAG DEFINITIONS

<http://cdec.water.ca.gov/reportapp/javareports?name=FlagList>



Data Flag Definitions

July 22, 2019

Report generated: July 23, 2019 16:04

DATA FLAG DEFINITIONS SORTED BY DATA FLAG	
DATA FLAG	FLAG DESCRIPTION
	No Flag
A	Precipitation accumulation
L	Waiting for observer response
N	Error in data
e	Estimated
q	New rating table
r	Revised
s	New shift started
t	Trace of precipitation
v	Out of Valid Range

Sensor Definitions

<http://cdec.water.ca.gov/reportapp/javareports?name=SensList>

Reservoirs Information

<http://cdec.water.ca.gov/reportapp/javareports?name=ResInfo>

Active Daily Reporting Stations

<http://cdec.water.ca.gov/reportapp/javareports?name=DailyStations>

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Active Monthly Unimpaired Flow Stations

<http://cdec.water.ca.gov/reportapp/javareports?name=MonthlyFNF>

Active Snow Depth sensors in California

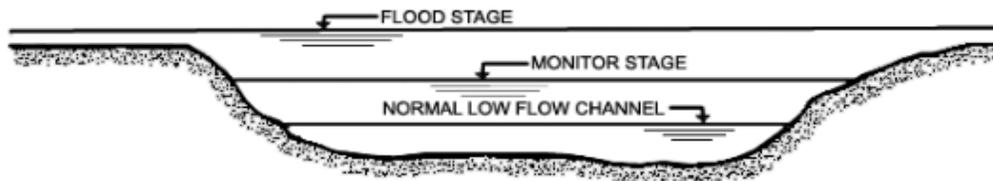
<http://cdec.water.ca.gov/reportapp/javareports?name=SnowDepth>

River Stage Definitions

<http://cdec.water.ca.gov/stageInfo.html>

➔ River Stage Definitions

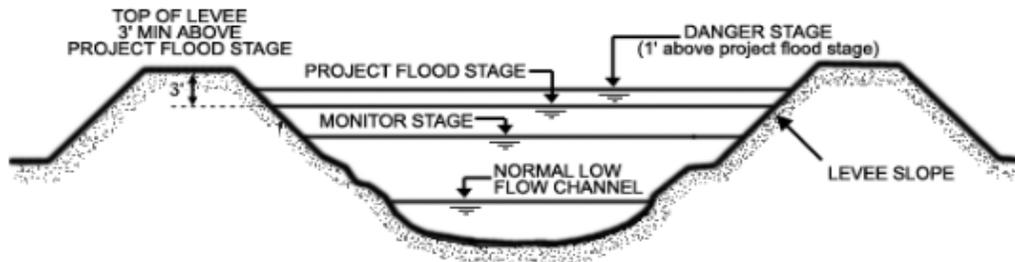
MONITOR - FLOOD - DANGER STAGES



CROSS SECTION - TYPICAL NON-LEVEED STREAM

MONITOR STAGE - The Stage at which initial action must be taken by concerned interests (livestock warning, removal of equipment from lowest overflow areas, or simply general surveillance of the situation). This level may produce overbank flows sufficient to cause minor flooding of low-lying lands and local roads.

FLOOD STAGE - The Stage at which overbank flows are of sufficient magnitude to cause considerable inundation of land and roads and/or threat of significant hazard to life and property.



CROSS SECTION-TYPICAL LEVEED STREAM

MONITOR STAGE - The Stage at which patrol of flood control project levees by the responsible levee maintaining agency becomes mandatory, or the Stage at which flow occurs into bypass areas from project overflow weirs.

PROJECT FLOOD STAGE - The Stage at which the flow in a flood control project is at maximum design capacity (U.S. Corps of Engineers "Project Flood Plane"). At this level there is a minimum freeboard of 3 feet to the top of levees.

DANGER STAGE - The Stage at which the flow in a flood control project is greater than maximum design capacity and where there is extreme danger with threat of significant hazard to life and property in the event of levee failure. This is generally 1 foot above project flood stage.

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