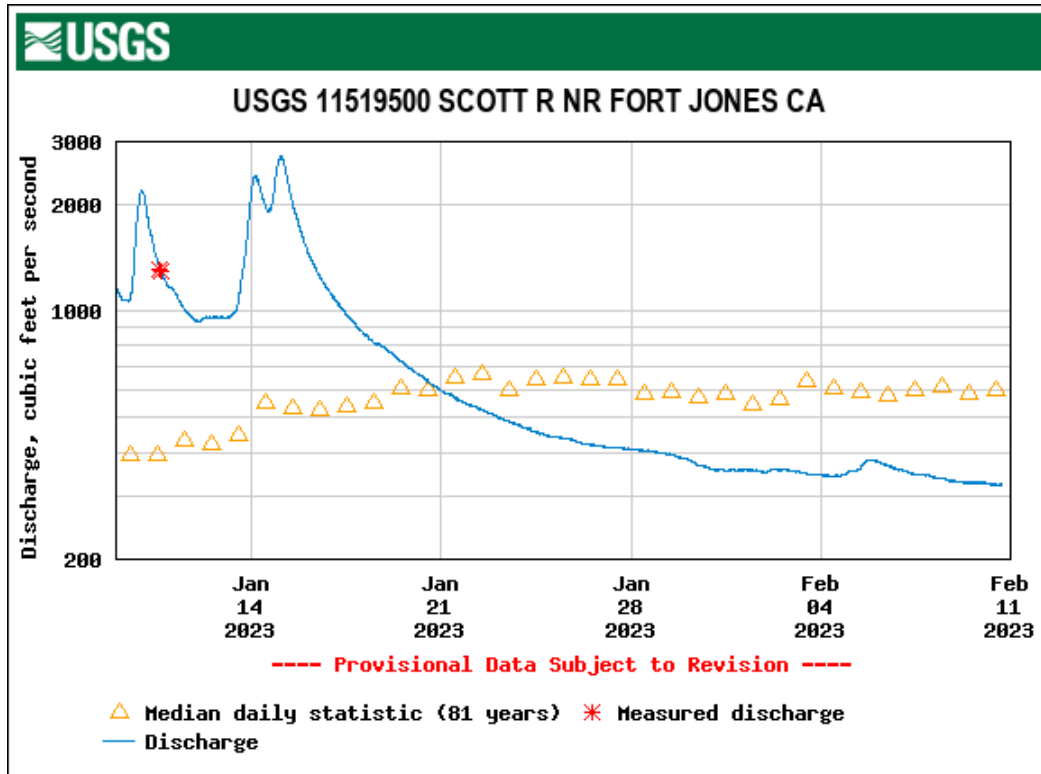


SCOTT RIVER WATERSHED CONDITIONS

Water Year 2023 (10/1/22 to 9/30/23)

WEEK OF FEB. 10, 2023

SCOTT RIVER FLOW: 324 cubic feet per second (cfs) as of 2/10 /23



TODAY'S STATISTICAL DATA – 2/10/23

Daily discharge, cubic feet per second -- statistics for Feb 10 based on 81 water years of record [more](#)

Min (1977)	Most Recent Instantaneous Value Feb 10	25th percentile	Median	Mean	75th percentile	Max (2017)
101	324	329	601	1110	1390	13200

Median is a measurement indicating that ½ of the flows recorded for that date were above this level, while ½ were below. In comparison, **mean** flow indicates the average figure for the date, which can be skewed by historic extreme high and low discharge events.

SCOTT RIVER WATERSHED CONDITIONS

Water Year 2023 (10/1/22 to 9/30/23)

WEEK OF FEB. 10, 2023

PRECIPITATION: California Data Exchange Center (CDEC)

Oct. 1, 2022 through Jan. 30, 2023 Period - By Month

Note that the south end of the valley is above average for precipitation while the north end is below average for this period.

KLAMATH RIVER			OCT	NOV	DEC	JAN	OCT-JAN
CALLAHAN	3185' CAL	Precip	0.00	1.41	9.03	7.91	18.35
		Average	1.36	2.32	3.95	3.46	11.09
		%-avg	0%	61%	229%	229%	165%
FORT JONES RS	2725' FJN	Precip	0.04	1.21	4.85	4.33	10.43
		Average	1.22	2.43	4.16	3.79	11.60
		%-avg	3%	50%	117%	114%	90%

<https://cdec.water.ca.gov/reportapp/javareports?name=PRECIPOUT>

FEBRUARY 2023 Precipitation by Week: Drought.gov

<https://www.drought.gov/location/96027,%20Etna,%20California>

Total 7-day precipitation for Etna: 1.30 in.

Total 7-day precipitation for Fort Jones: 1.03 in.

Data Valid: 2/9/2023

<https://cdec.water.ca.gov/reportapp/javareports?name=DLYPCP>

Scott Mtn 31.53" precip to date

SNOW WATER CONTENT: California Data Exchange Center (CDEC)

US FOREST SERVICE – KLAMATH NATIONAL FOREST – Feb. 1st Snow Survey

California Cooperative Snow Survey <http://cdec.water.ca.gov/snow/current/snow/index.html>

Snow Course	Elevation	Snow Water Equivalent		
		Measured	Ave. for Feb. 1	% of Average
Middle Boulder 1	6600'	33.1"	19.0"	174%
Middle Boulder 3	6200'	27.0"	17.4"	155%
Dynamite Meadow	5700'	17.0"	12.1"	140%
Swampy John	5500'	14.2"	18.8"	76%
Scott Mountain	5900'	13.5"	13.7"	99%
Total Average			129%	

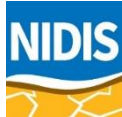
SCOTT RIVER WATERSHED CONDITIONS

Water Year 2023 (10/1/22 to 9/30/23)

WEEK OF FEB. 10, 2023

Note that the lowest elevation site – Swampy John at 5500 ft. elevation – is the only one below average in snow water content (with data back to 1986).

DROUGHT CONDITION



National Integrated Drought Information System
[Drought.gov](https://drought.gov)

U.S. Drought Monitor Conditions Improved for Etna, California

Scott Valley remains in **Severe Drought (D2)**. Drought remains but improves.

Etna has been in drought for the past 153 week(s), since March 03, 2020.

6th driest year to date over the past 128 years (January-December 2022) for Siskiyou County.

The state has had four periods of persistent drought this century — 2001-04, 2007-09, 2012-16 and the current one. Between each of these droughts there were only a few years of wet weather.

https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?fips_06093

"California has been in dry conditions for much of the last 10 years, with only two years of wet,"
Jeff Mount, senior fellow at the Public Policy Institute of California Water Policy Center.

"The past three years have been the driest three-year period on record [dating back to 1895.]
That just beats the driest three-year period on record from 2013 to 2015. And both of these
three-year periods have been the hottest on record." ----Newsweek 1/24/23

TEMPERATURE

Avg. 7-day max temperature at Etna: 54° F

<https://www.drought.gov/location/96027,%20Etna,%20California>

WEATHER GRAPHICS

Center for Western Weather and Water Extremes – U.C. San Diego, Scripps Institute of Oceanography

https://cw3e.ucsd.edu/DSMaps/DS_intro.html

<https://cw3e.ucsd.edu/Projects/QPF/QPF.html>

FISH POPULATION ESTIMATES – no updates this week

2022 ADULT SALMON SPAWNERS: Data from CDFW Fish Counting Facility

The Scott River station was operational on September 29, 2022 and 72 adult Chinook Salmon and 236 Coho Salmon have been observed through December 26, 2022 (when video weir was

SCOTT RIVER WATERSHED CONDITIONS

Water Year 2023 (10/1/22 to 9/30/23)

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removed due to high flows). The Scott River station is 18 miles upstream of the confluence with the Klamath River. During Fall 2022, a significant number of Chinook Salmon spawned downstream of the counting station and were estimated during spawning ground surveys. This in-season update doesn't report the spawning escapement that is observed downstream of the Scott River adult fish counting station. Final reports detailing the total escapement to the Scott River will be available when the data is finalized.

2023 JUVENILE SALMONID OUTMIGRANTS – CDFW installed traps near mouth this week