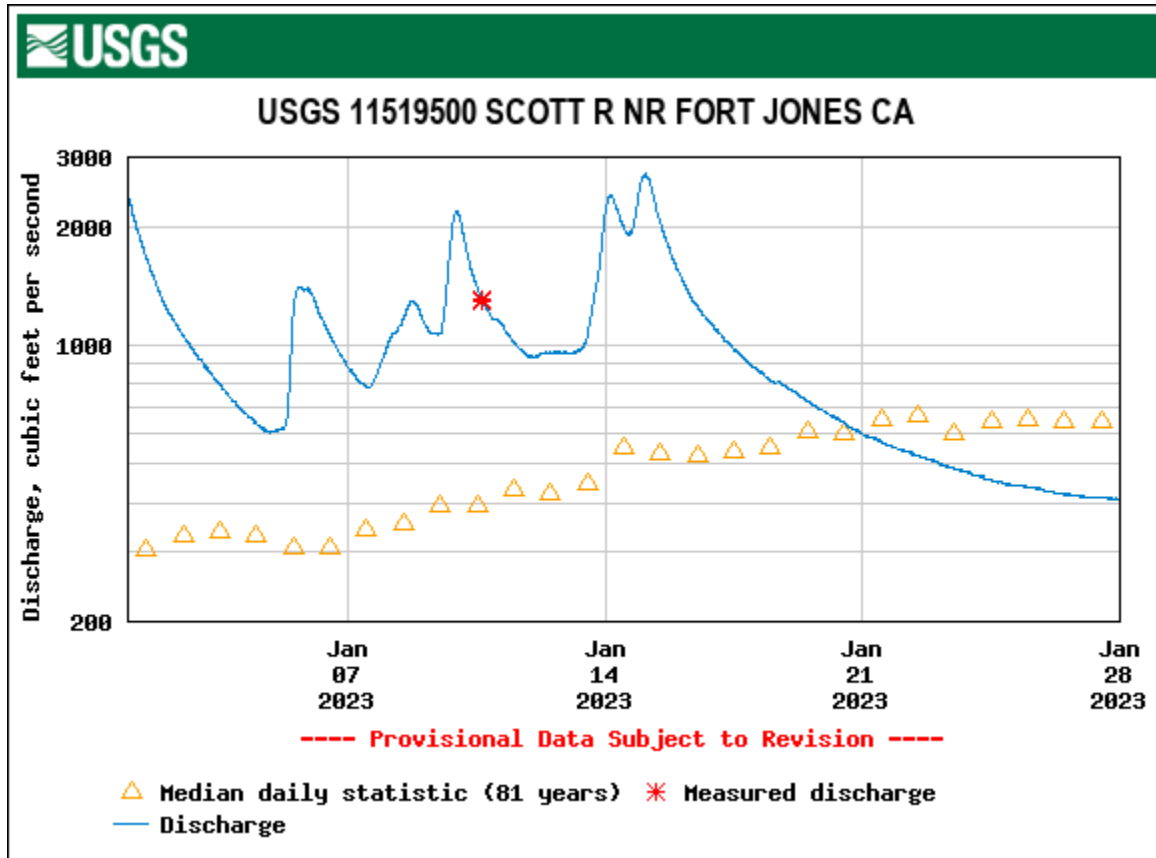


SCOTT RIVER WATERSHED CONDITIONS

Water Year 2023 (Oct. 1 to Sept. 30)

WEEK OF JAN. 27, 2023

SCOTT RIVER FLOW: 410 cubic feet per second (cfs) as of 1/27/23



TODAY'S STATISTICAL DATA – table to be added again next week on 2/3/23

Week of Jan. 27th -- Note that flow has now dropped below the median flow of over 600 cfs for this time period, based on the gage's long-term record since 1941. **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.

PRECIPITATION: California Data Exchange Center (CDEC)

Oct. 1 – Dec. 31, 2022 Period [January to be added soon]

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

SCOTT RIVER WATERSHED CONDITIONS

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WEEK OF JAN. 27, 2023

KLAMATH RIVER			OCT	NOV	DEC	OCT-DEC	Water Year
CALLAHAN	3185' CAL	Precip	0.00	1.41	9.03	10.44	
		Average	1.36	2.32	3.95	7.63	20.95
		%-avg	0%	61%	229%	137%	50%
FORT JONES	2725' RS	Precip	0.04	1.21	4.85	6.10	
		Average	1.22	2.43	4.16	7.81	20.40
		%-avg	3%	50%	117%	78%	30%

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

JANUARY 2023 Precipitation by Week: Drought.gov

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

Total 7-day precipitation for Etna: 0.01 in. Decrease of 100% since last week.

Data Valid: 01/28/2023

Total 7-day precipitation for Fort Jones: 0.02 in. Decrease of 99% since last week.

Data Valid: 01/28/2023

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

SCOTT MOUNTAIN - 5900 ft. elev. 6.79" month to date 28.34" WY to date

SNOW WATER CONTENT: California Data Exchange Center (CDEC)

SCOTT MOUNTAIN – 18.6" (19" one week ago); 91% of April average of 20.5"

<https://cdec.water.ca.gov/reportapp/javareports?name=PAGE6>

DROUGHT CONDITION



National Integrated Drought Information System
Drought.gov

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

Scott Valley remains in **Severe Drought (D2)**, improved from Extreme Drought (D3).

Etna has been in drought for the past 151 week(s), since March 03, 2020.

3rd driest year to date over the past 128 years (Jan-Nov 2022); 16.92 inches from normal
According to the U.S. Drought Monitor, 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 — often extremely wet weather, like the kind occurring now.

SCOTT RIVER WATERSHED CONDITIONS

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WEEK OF JAN. 27, 2023

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. Decrease of 42% since last week.

Data Valid: 01/28/2023

<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 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.