

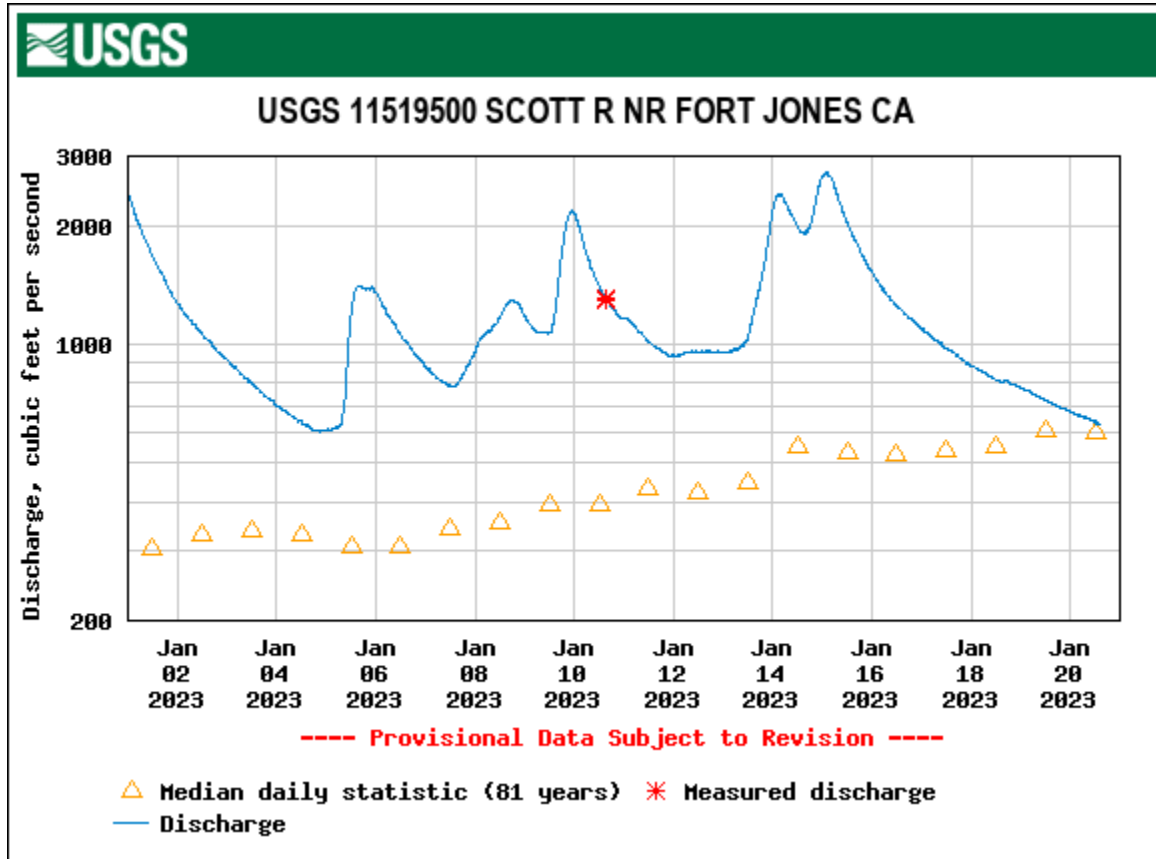
SCOTT RIVER WATERSHED CONDITIONS

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

WEEK OF JAN. 20, 2023

SCOTT RIVER FLOW: 627 cubic feet per second (cfs) as of 1/20

https://waterdata.usgs.gov/nwis/uv?cb_00060=on&cb_00065=on&format=gif_stats&site_no=11519500&legacy=1&period=&begin_date=2023-01-01&end_date=2023-01-20



TODAY'S STATISTICAL DATA

Daily Streamflow, ft³/s for **Fri Jan 20 2023** based on 81 years of data.

Latest Value	Lowest Value (2014)	25th Percentile	Median	75th Percentile	Mean	Highest Value (1953)
627	56.9	317	599	1400	1160	10000

PRECIPITATION: California Data Exchange Center (CDEC)

Oct. 1 – Dec. 31, 2022 Period

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

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KLAMATH RIVER			OCT	NOV	DEC	OCT-DEC	Water Year
CALLAHAN CAL	3185'	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 RS	2725'	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

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

Total 7-day precipitation at Etna: 1.57 in.

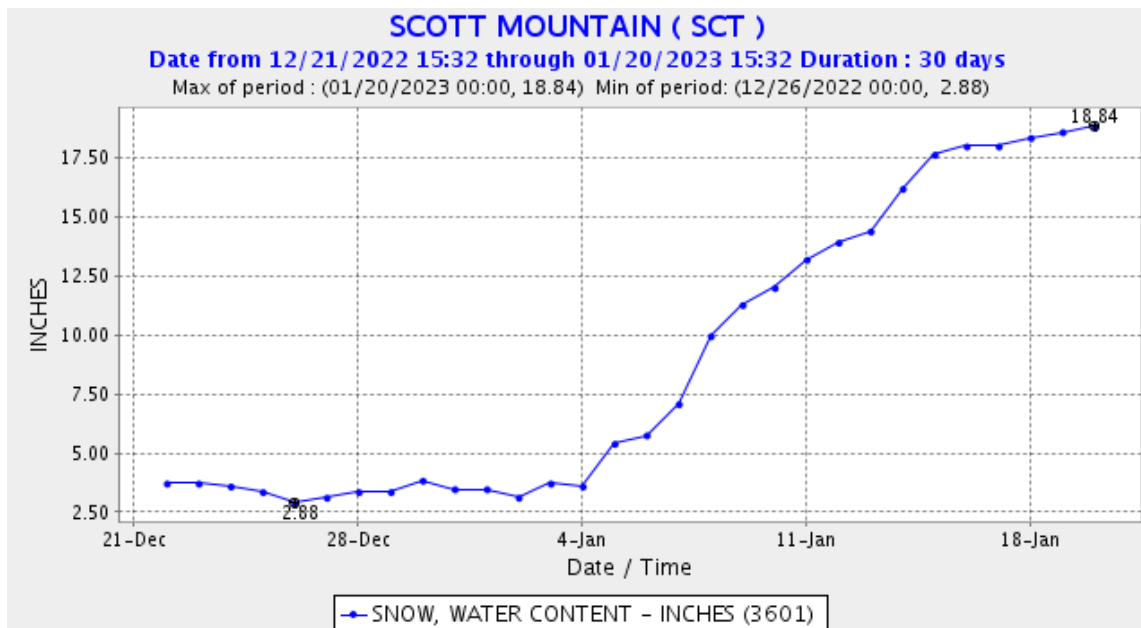
Decrease of **70%** since last week. Data Valid: 01/18/2023

Total 7-day precipitation in Fort Jones: 1.18 in. Decrease of 72% since last week.

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

SCOTT MOUNTAIN - 5900 ft. elev. 6.13" month to date 27.68" WY to date

SNOW WATER CONTENT: California Data Exchange Center (CDEC)



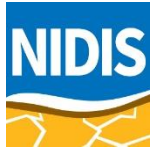
https://cdec.water.ca.gov/jspplot/jspPlotServlet.jsp?sensor_no=3601&end=&geom=small&interval=30&cookies=cdec01

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DROUGHT CONDITION



National Integrated Drought Information System
Drought.gov

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

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

Etna has been in drought for the past 150 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.

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

TEMPERATURE

Avg. 7-day max temperature: 52° F.

Decrease of 48% since last week.

Data Valid: 01/17/2023

<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.