Idaho Drought Update

April
Water Supply
Meeting

David Hoekema

4/15/2022

Current Drought Conditions

U.S. Drought Monitor
Idaho

April 12, 2022
(Released Thursday, Apr. 14, 2022)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.87	93.13	82.40	67.00	4.45	0.00
Last Week *04-05-2022*	6.95	93.05	82.39	67.00	4.45	0.00
3 Months Ago *01-11-2022*	0.00	100.00	84.34	36.65	3.78	0.00
Start of Calendar Year *01-04-2022*	0.00	100.00	88.51	41.09	3.78	0.00
Start of Water Year *09-28-2021*	0.00	100.00	100.00	91.10	62.80	23.62
One Year Ago *04-13-2021*	24.90	75.10	36.31	5.48	0.85	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:
Richard Tinker
CPC/NOAA/NWS/NCEP

droughtmonitor.unl.edu

Drought is due to Precipitation/Snow Deficit and Dry Reservoirs

Water Year to Date Precipitation Deficit

Calendar Year to Date Precipitation Deficit

First 13-days of April—Precipitation

Salmon Tract Basin Analysis

Snowpack Conditions

- Typical Peak is 17.6”
- 2022 Peak is 14.8” or (84%)
- Typical Peak date 4/4
- 2022 Peak date 3/24

Salmon Falls Creek Runoff

Salmon Falls Reservoir

Salmon Falls Water Supply

Water Supply 70% Exceedance Forecast = 62,000 ac-ft (18,000 ac-ft storage & 44,000 runoff)

Salmon Falls Water Supply

Water Supply 30% Exceedance Forecast = 65,000 ac-ft (24,000 ac-ft storage & 41,000 runoff)

Water Supply Forecasts

SALMON FALLS CREEK - NR SAN JACINTO

Period APR to SEP -- Water Year 2022

Most Recent Forecast for ESP10: Issued Date 04/14/2022

Plot Created 04/14/2022 04:25 PDT

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Idaho Drought Committee

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Photo credit: Idaho Fish and Game