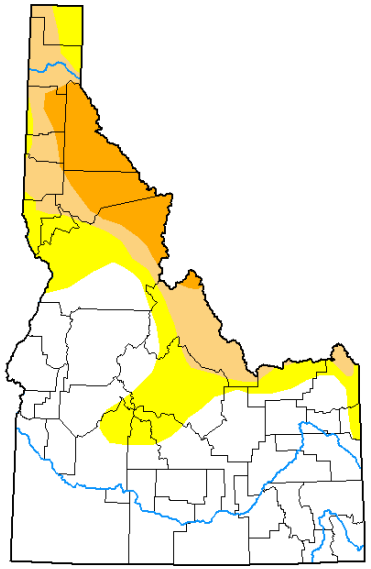
April Water Supply Meeting

David Hoekema
Idaho Department of Water Resources

U.S. Drought Monitor
Idaho



April 9, 2024
(Released Thursday, Apr. 11, 2024)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	63.06	36.94	20.72	8.75	0.00	0.00
Last Week *04-02-2024*	52.56	47.44	25.04	8.75	0.00	0.00
3 Months Ago *01-09-2024*	45.90	54.10	33.81	7.95	0.00	0.00
Start of Calendar Year *01-02-2024*	55.32	44.68	18.73	5.13	0.00	0.00
Start of Water Year *09-26-2023*	74.49	25.51	20.13	11.45	0.04	0.00
One Year Ago *04-11-2023*	28.49	71.51	23.93	0.45	0.00	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

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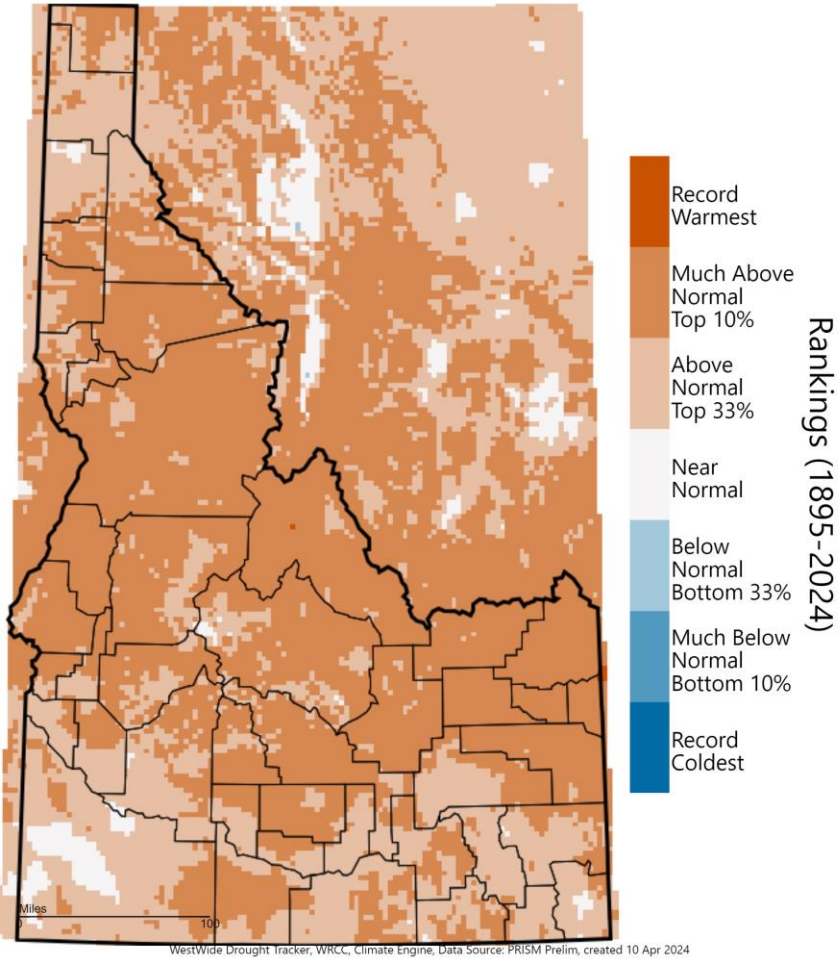
CPC/NOAA

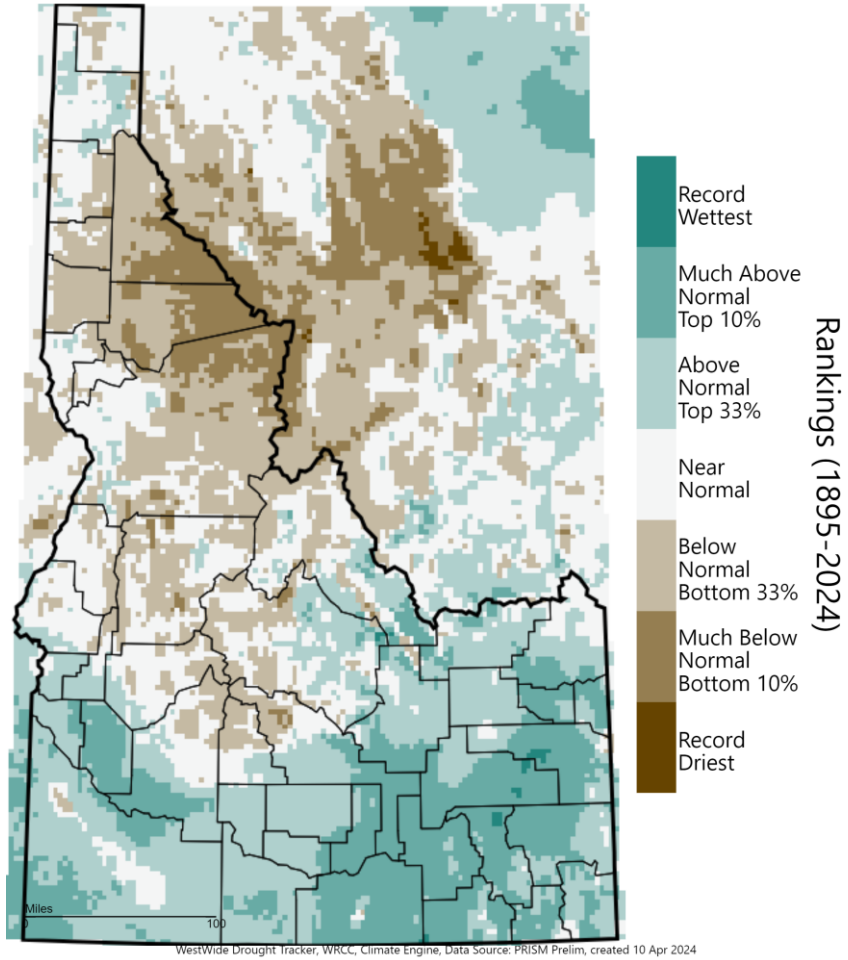
droughtmonitor.unl.edu

Water-Year 2024: Temperature & Precipitation

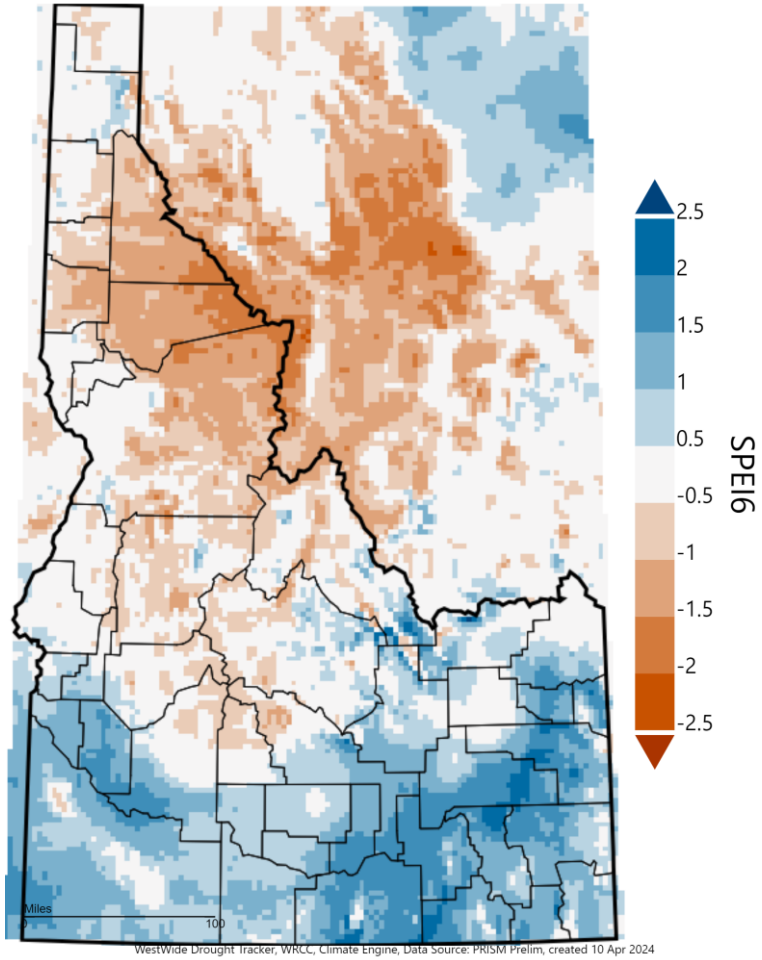
Idaho - Mean Temperature
October 2023 - March 2024, Percentile



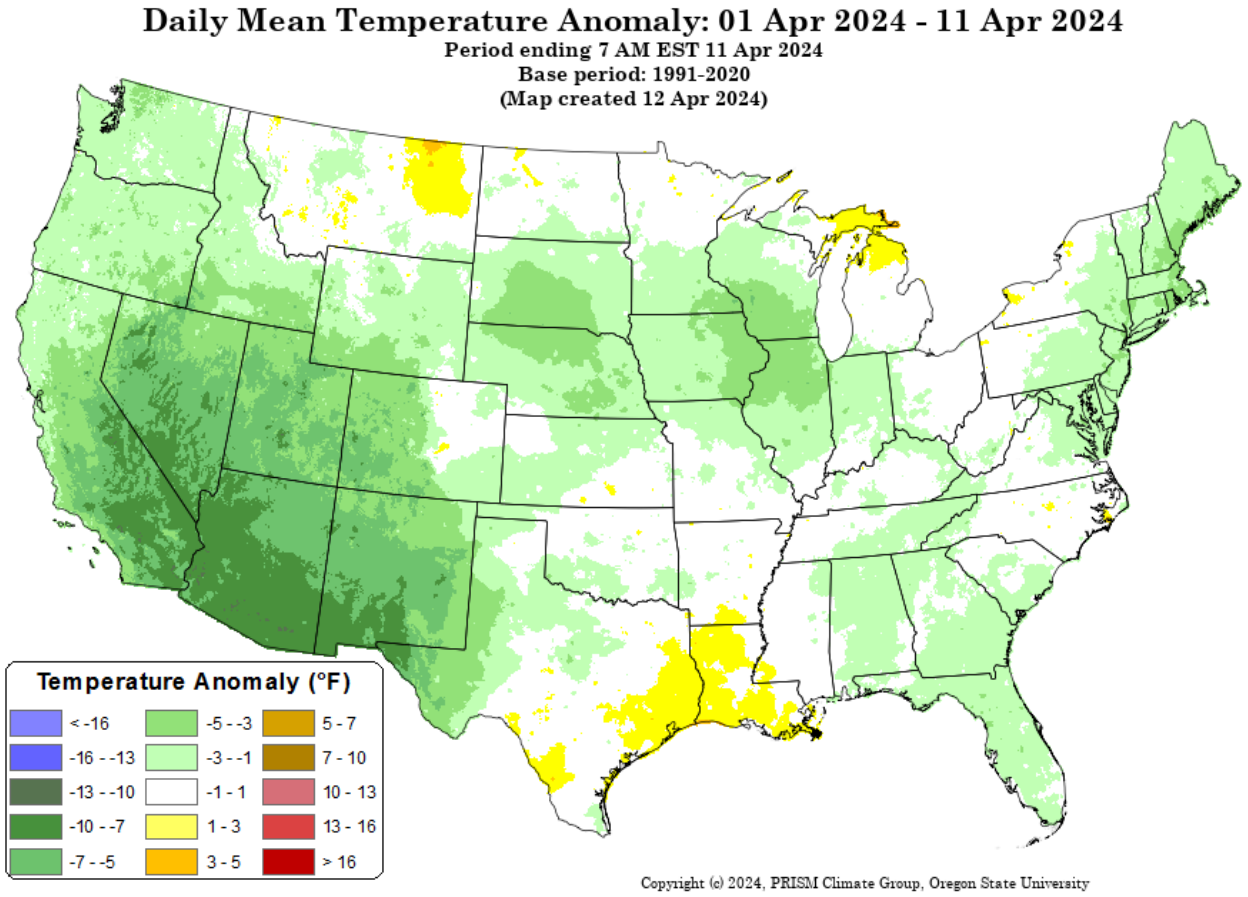
Idaho - Precipitation
October 2023 - March 2024, Percentile

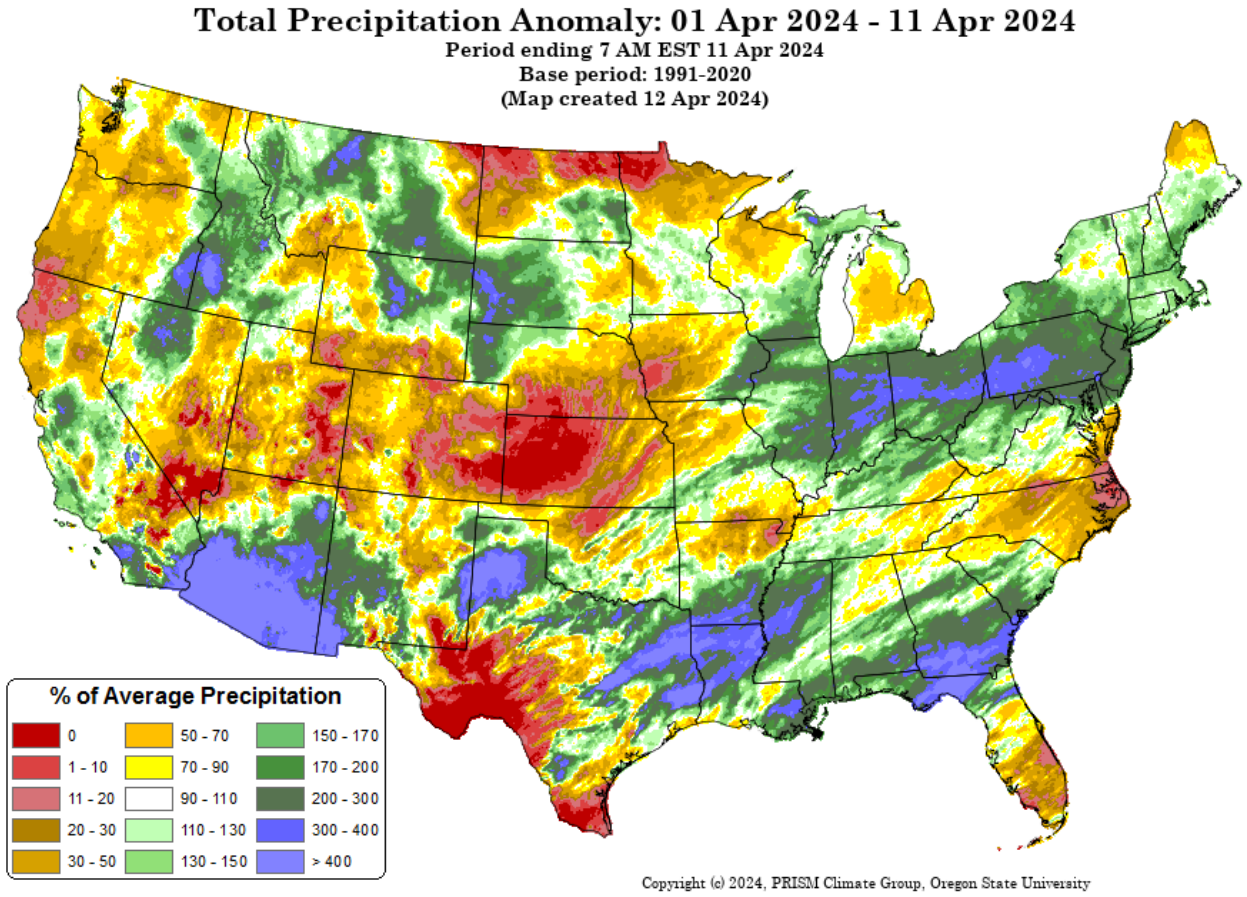


Idaho - 6 Month SPEI
March 2024



February 2024: Temperature & Precipitation





Weekly Snow Update for 2024 by Percentiles

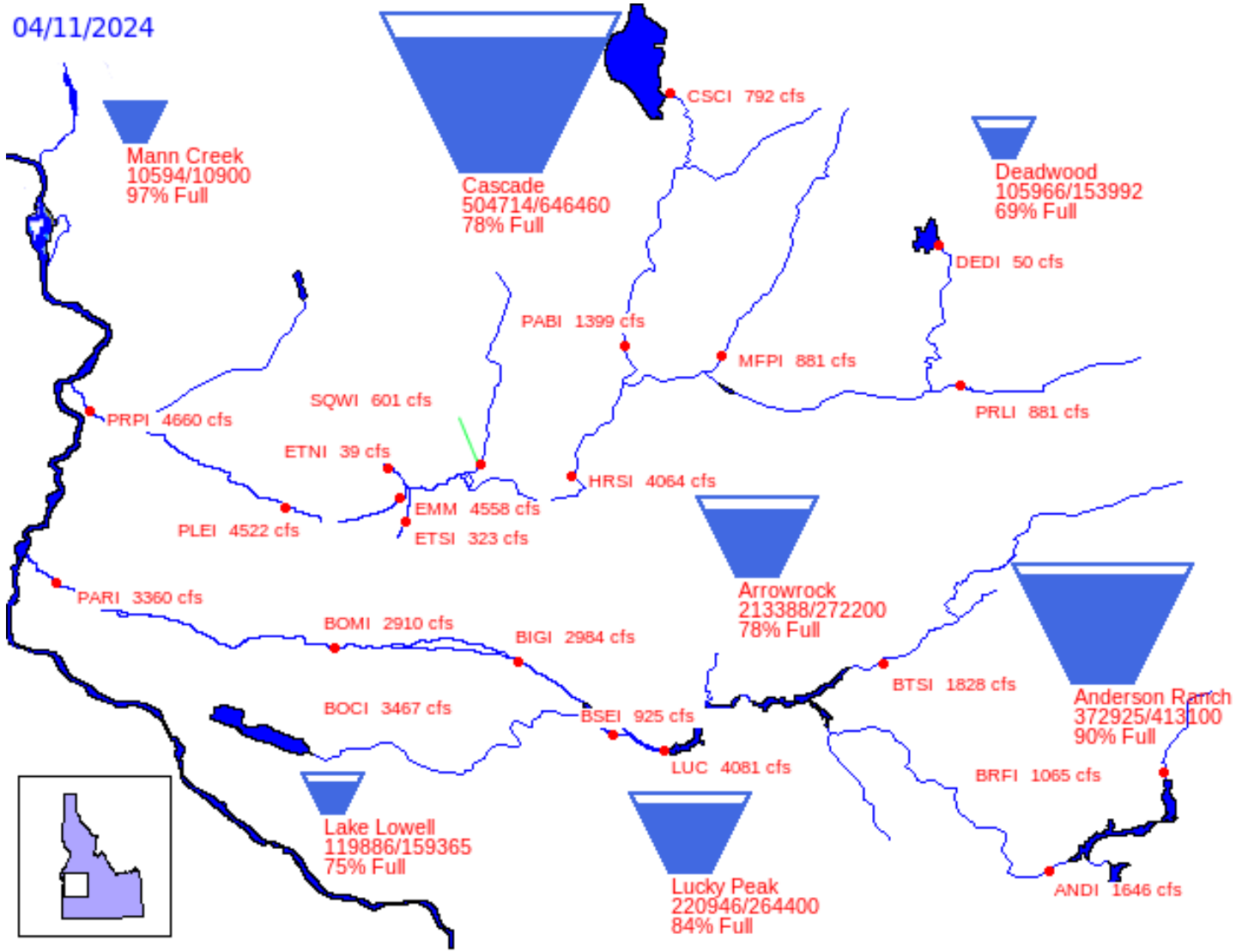
	1-Jan	8-Jan	15-Jan	22-Jan	29-Jan	5-Feb	12-Feb	19-Feb	26-Feb	5-Mar	13-Mar	18-Mar	25-Mar	1-Apr
Kootenai	2	2	8	10	10	12	8	10	12	25	38	33	25	27
Pend Oreille	0	0	2	2	2	0	5	5	5	11	14	11	11	7
Priest	0	0	2	5	5	5	2	5	7	17	20	15	15	12
Spokane	0	0	2	2	5	0	2	5	5	12	10	10	10	10
Clearwater	0	0	0	3	3	0	0	0	3	10	10	10	10	10
Salmon	2	0	5	10	7	10	12	14	12	24	31	26	21	31
Weiser	5	5	7	17	12	10	17	17	17	34	39	34	22	29
Payette	2	0	2	12	10	10	7	7	12	29	36	31	24	31
Boise	2	0	17	29	31	29	33	40	36	50	52	45	48	45
Big Wood	7	5	20	18	15	22	40	40	38	55	55	52	45	43
Little Wood	12	7	12	17	14	29	38	43	38	64	64	55	50	52
Big Lost	14	7	14	14	12	23	35	33	33	58	60	49	44	49
Little Lost	2	2	7	14	12	19	31	26	17	48	52	48	45	48
Birch to Camas	0	0	0	5	2	5	19	21	14	31	36	31	29	38
Henrys Fork	5	0	7	12	7	12	14	19	19	52	57	48	43	52
Snake River	0	0	5	14	12	12	16	28	28	47	47	44	40	49
Willow Creek	17	12	39	56	39	49	54	66	59	88	88	85	85	93
Blackfoot	23	28	53	65	60	67	67	84	72	88	88	91	88	93
Portneuf	59	51	64	67	67	64	69	82	77	85	90	90	82	87
Oakley	31	56	74	79	81	81	81	81	79	84	91	88	84	86
Salmon Falls	33	47	70	77	72	72	74	79	74	81	86	86	81	84
Bruneau	29	40	67	69	64	69	71	73	71	89	91	89	80	84
Owyhee	44	53	70	74	74	74	79	84	84	91	95	95	91	91

Monday
4/12/2024

Table 1 Reservoir Conditions in Idaho

% full	Acre-feet	
95	85,827	Henry's Lake
88	170,086	Magic Reservoir
80	24,106	Little Wood
60	26,680	Mackay Reservoir
89	3,612,962	Upper Snake System
71	293,530	Blackfoot Reservoir (End of February)
43	32,643	Oakley Reservoir (End of February)
30	55,620	Salmon Falls Dam nr Rogerson
95	677,001	Owyhee Reservoir
99	10,796	Mann Creek Reservoir
76	604,640	Payette System
85	802,980	Boise System
74	117,660	Dear Flat Reservoir
74	1,052,191	Bear Lake

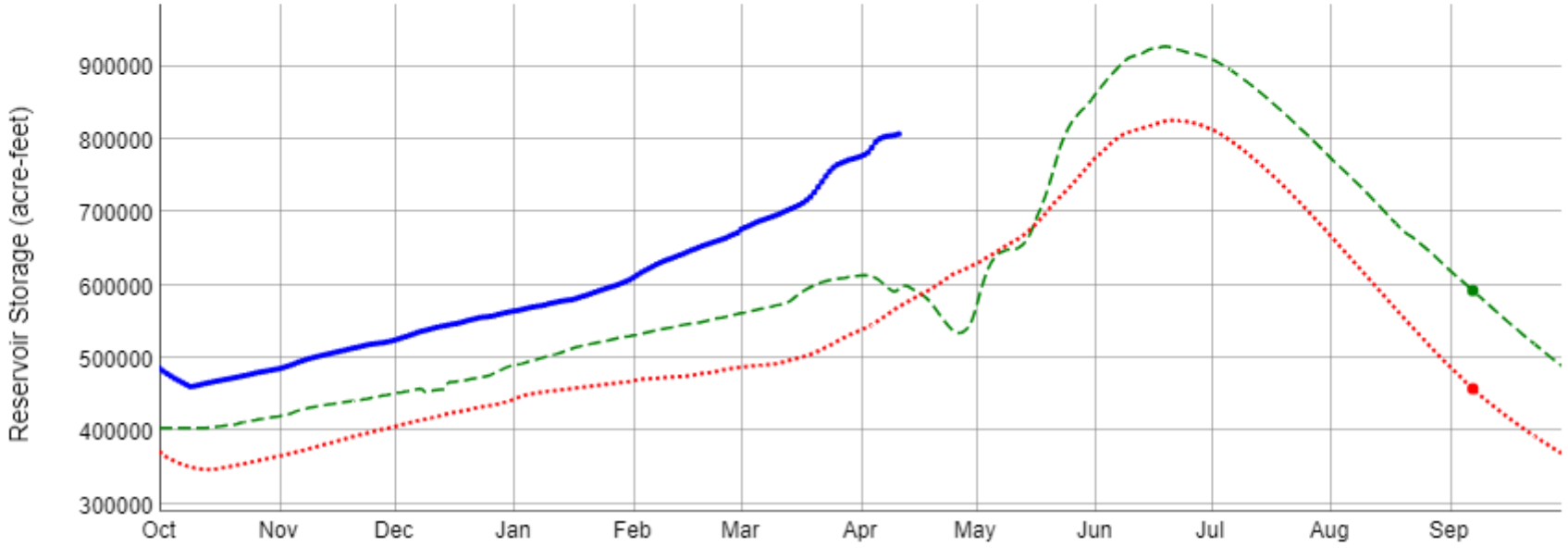
7,566,722 Total


04/11/2024
Mann Creek
10594/10900
97% Full
Cascade
504714/646460
78% Full
CSCI 792 cfs
Deadwood
105966/153992
69% Full
DEDI 50 cfs
PABI 1399 cfs
MFPI 881 cfs
PRLI 881 cfs
SQWI 601 cfs
PRPI 4660 cfs
ETNI 39 cfs
HRSI 4064 cfs
EMM 4558 cfs
ETSI 323 cfs
PLEI 4522 cfs
Arrowrock
213388/272200
78% Full
PARI 3360 cfs
BOMI 2910 cfs
BIGI 2984 cfs
BTSI 1828 cfs
Anderson Ranch
372925/413100
90% Full
BOCI 3467 cfs
BSEI 925 cfs
LUC 4081 cfs
BRFI 1065 cfs
Lake Lowell
119886/159365
75% Full
Lucky Peak
220946/264400
84% Full
ANDI 1646 cfs

Water Year Graph

Sep:
Previous Year: 592603.84
Average: 458088.5

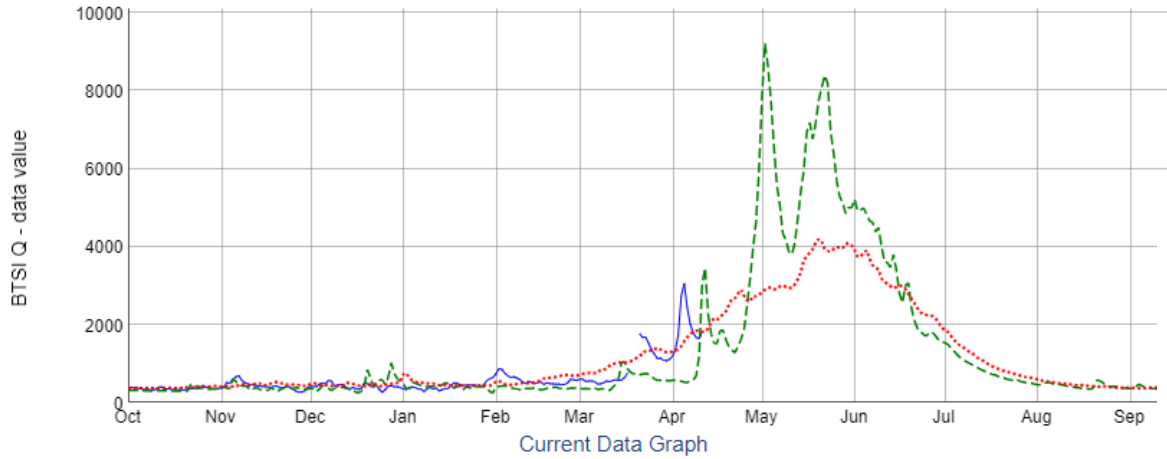
Boise River Reservoir System



Water Year Graph

— Current Year
-- Previous Year
··· Average

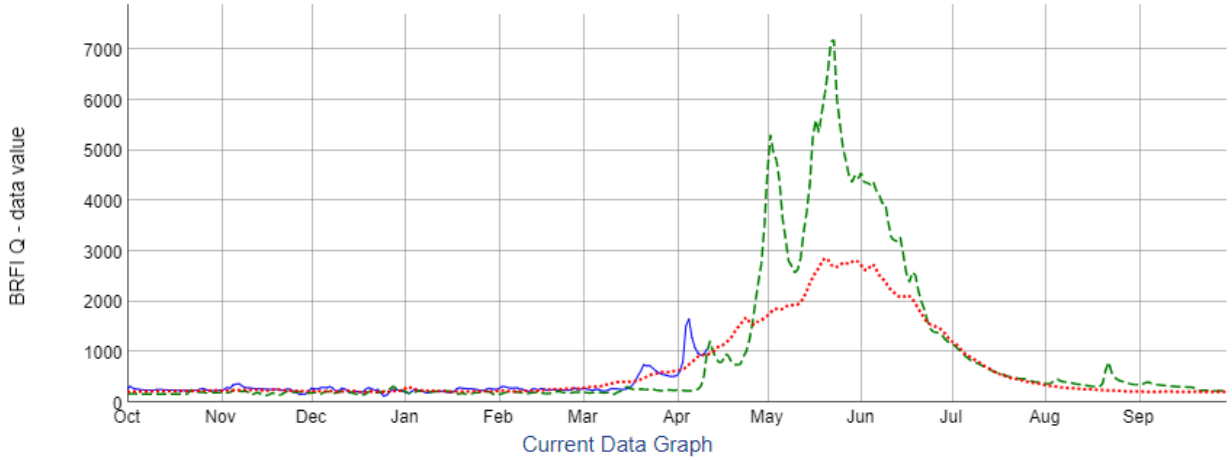
Boise River Twin Springs



Water Year Graph

— Current Year
-- Previous Year
··· Average

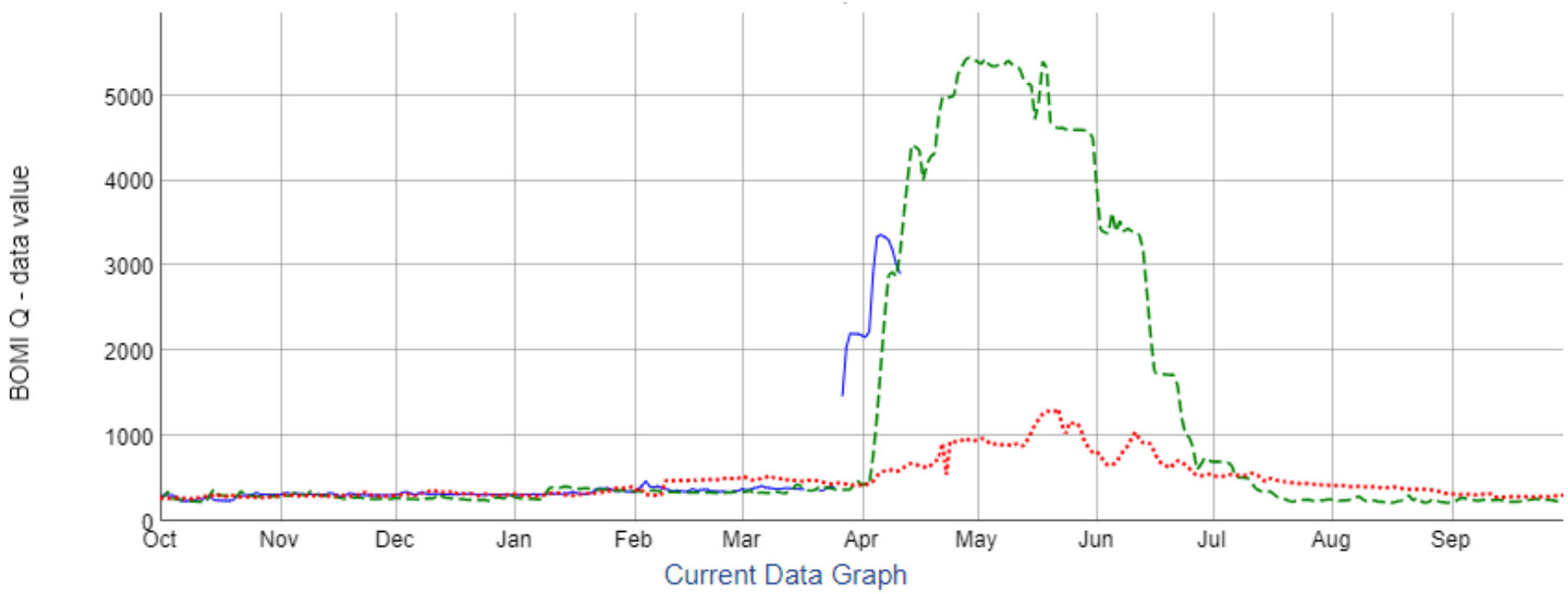
Boise River Featherville

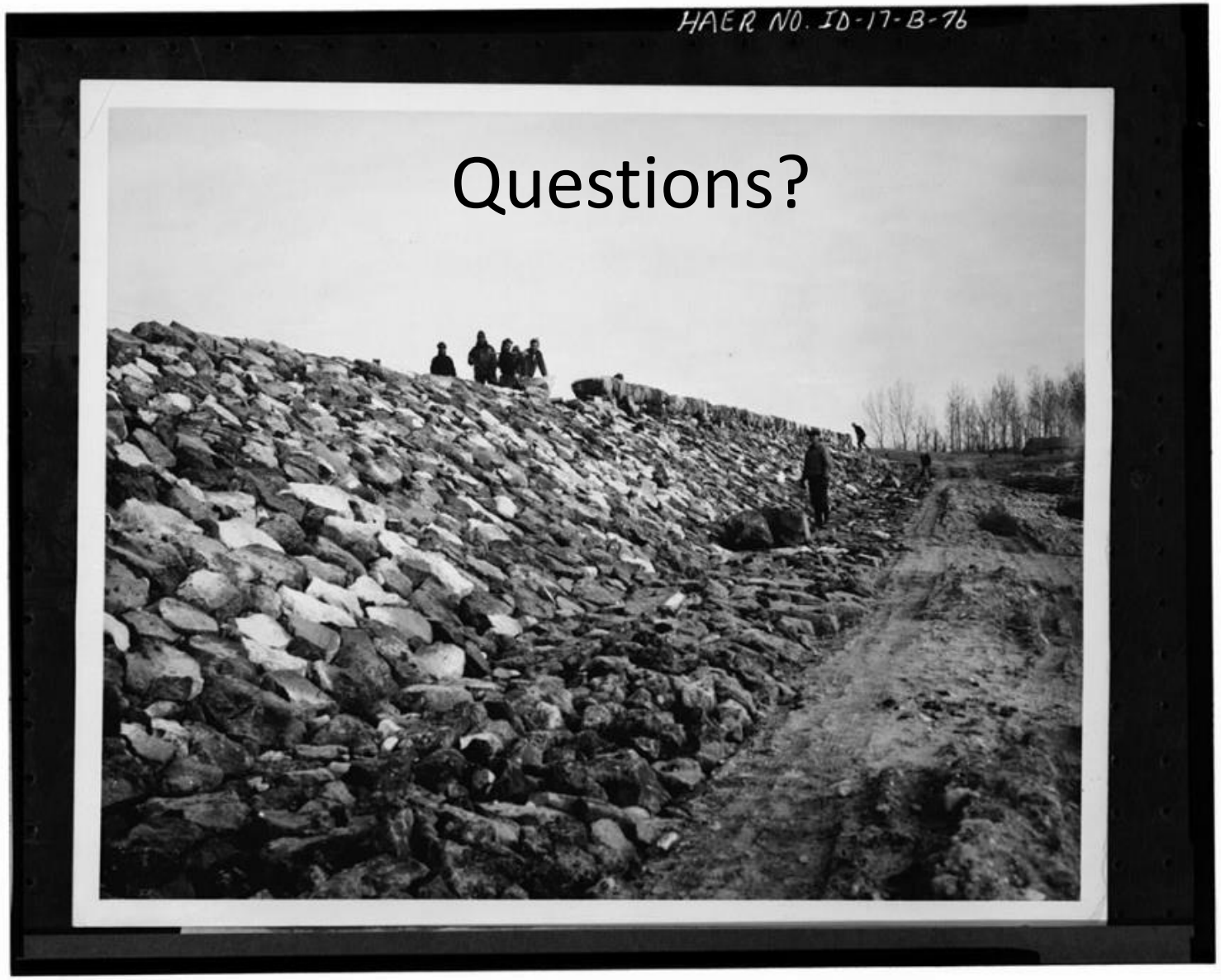


Water Year Graph

— Current Year
- - Previous Year
··· Average

Boise River at Middleton





Questions?

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