NWW USACE Water Management Outlook

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Water Management Team

Mores Creek above Lucky Peak Reservoir
February 2024

U.S. ARMY

US Army Corps of Engineers®

SNAKE RIVER BASIN FLOOD RISK

Risk Increase Factors	Risk Decrease Factors
+ Above-average reservoir storage	- Average to below-average snowpack and runoff volume forecasts in many places
	- Low risk short-term forecasts

- Overall Snake River Basin short-term flood risk is NORMAL for this time of year.
- Flood risk management releases starting in many locations over the next month to manage refill

BOISE SYSTEM

- 200 KAF more stored water in the reservoirs than 11 Mar average.
- Flood Risk Management releases from Lucky Peak Dam likely starting 3rd week in March to 1st week in April
  - Email Update / Press Release will be issued prior to the start of releases
  - Initial Target: 2,000cfs – 6,000cfs at Glenwood Bridge USGS Gage

DATE	COORDINATED DATE – JUL RUNOFF VOLUME FORECAST
JANUARY 1	1,150 KAF / 73% Avg
FEBRUARY 1	1,200 KAF / 80% Avg
MARCH 1	1,300 KAF / 92% Avg
APRIL 1	

DWORSHAK DAM

- Below-average snowpack
- 95% probability of refill
- Reservoir elevation: 1532ft
  - 31 March Requirement: 1574.0ft
- Very low chance of FRM releases for the near future

DATE	OFFICIAL APR – JUL RUNOFF VOLUME FORECAST
JANUARY 4	1,881 KAF / 76% Avg
FEBRUARY 5	1,740 KAF / 70% Avg
MARCH 5	1,894 KAF / 77% Avg
APRIL 3	

ESP10
Mar 5, 2024

MAX:	2629
10%:	2417
25%:	2067
50%:	1894
75%:	1737
90%:	1585
MIN:	1275

TAKEAWAYS

- Reservoir carryover is generally above-average throughout the basin
    - Reduced reservoir space increases the likelihood of FRM releases

- Flood risk management releases likely starting out of Lucky Peak Dam as well as other reservoirs throughout the Snake River Basin over the next few weeks

QUESTIONS & DISCUSSION

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