NWW USACE Water Management Outlook

8 May 2024

Jon Roberts, PE, PMP

Water Management Team Lead

South Fork of Boise River
May 2024

U.S. ARMY

US Army Corps of Engineers®

BOISE SYSTEM CONDITIONS

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	1,100 KAF / 89% Avg
May 1	**725 KAF / 79% Avg**

- Reservoir system is 89% full
- Spring runoff is in full swing

Boise System Flows and Storage
USBR Hydromet 8 May 2024

BOISE SYSTEM OPERATIONS

- Flood Risk Management releases started 25 March
- Currently have reduced flows through town to ~2,000cfs at Glenwood Bridge for FRM
- Lucky Peak is ~3047ft, about 7 feet from full

Snowline verification flight is being conducted this Friday to determine when the system can conduct final fill!!

DWORSHAK DAM

- Project will refill!!
- Snowflight to be completed late May
- Reservoir elevation: ~1,577 ft
- Outflows to slightly increase from minimum over the next week to manage final refill

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	1,865 KAF / 75% Avg
May 3	1,677 KAF / 68% Avg

TAKEAWAYS

- Lucky Peak/Boise River flows will continue to fluctuate over the coming weeks

- Looking to be in the top 5ft at Lucky Peak by Memorial Day

- Looking to be in the top 10ft at Dworshak by Memorial Day

- Many reservoirs through Idaho are actively managing refill

QUESTIONS & DISCUSSION

Middle Snake Regulator
Grant Bell, EIT
grant.s.bell@usace.army.mil
(509) 527-7619

Water Management Team Lead
Jon Roberts, P.E., PMP
jonathan.m.roberts@usace.army.mil
(509) 527-7518

24-hour line: (509) 527-7283
reservior.regulation@usace.army.mil
https://www.nww.usace.army.mil/Missions/Water-Management/
**This is where the snowflight photos will be!!