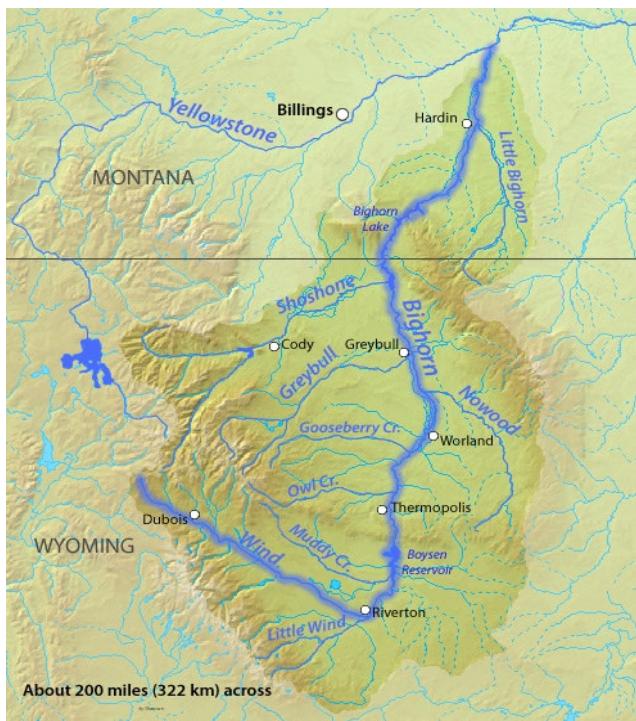


Yellowtail Dam Water Supply and Projected Operations



— BUREAU OF —
RECLAMATION

January 2026



Bighorn River Basin Map Source: DEMIS Mapserver

January Operating Range			
Forecast	Minimum	Median	Maximum
Monthly Average Inflow (cfs)	1,275	1,380	1,490
Monthly Average River Release (cfs)	2,100	2,100	2,100
End of January Elevation (feet)	3622.3	3623.2	3624.1

April - July 2026		
Inflow Forecast (kaf)		
April - July Volume	1,307	
Percent of Average	105	
Water Year	Historical Inflow	Rank
2025	715	20
2024	1,135	15
2023	2,000	4
2022	990	19
30 Year Average	1,250	

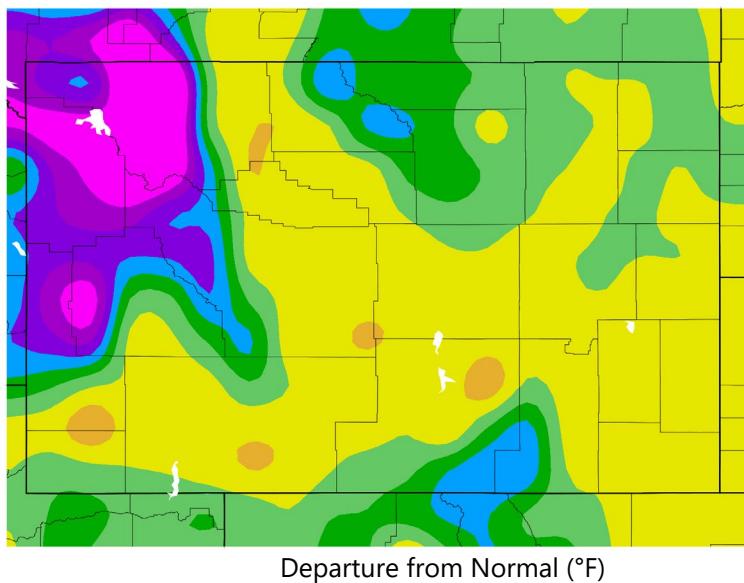


Climate Departure from Normal

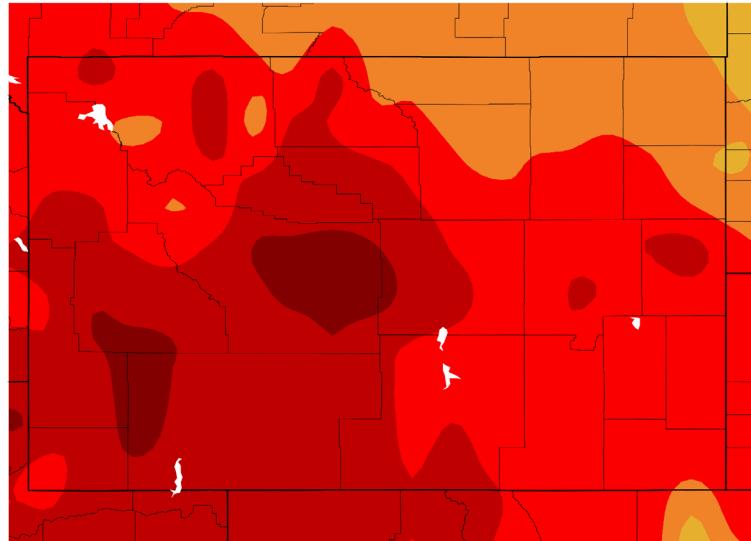
December 1 through December 31, 2025

Precipitation

Departure from Normal (inches)



Temperature



HPRCC using provisional data from NOAA Regional Climate Centers

CLIMATE SUMMARY

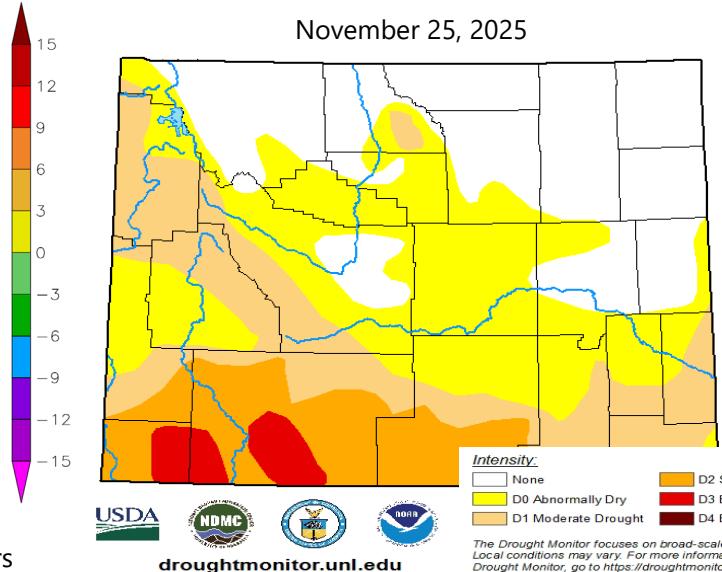
Precipitation in the Bighorn River basin above Yellowtail Dam was below average during December in the valleys and above average in the higher elevations and the upper portion of the basin. The average temperature for December was above average for the basin.

Based on the climate outlook for January, there is a 40-60% chance that precipitation will be above average for the basin. There is a 33 to 40 percent chance the temperature will be above average in the upper Bighorn River basin. There is an equal chance that temperature will be above, below, or near average in the lower portion of the basin.

Drought conditions in the Bighorn River basin range from none to moderate.

Wyoming Drought Monitor Map

November 25, 2025



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>

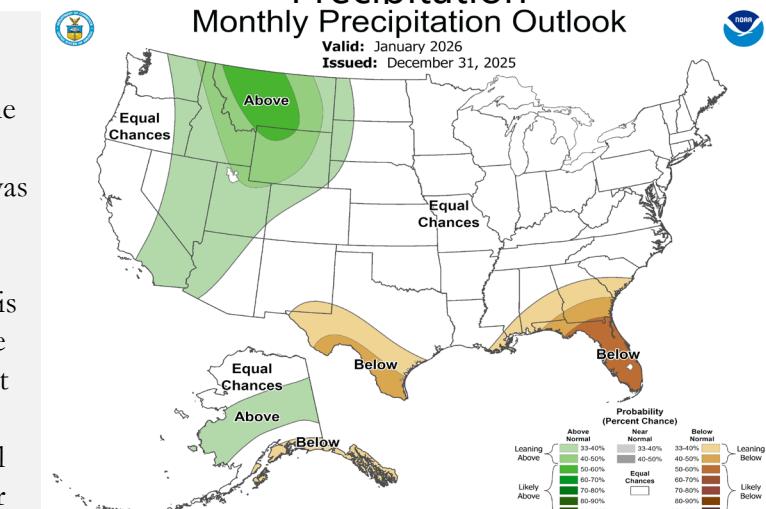
January Climate Outlook

Precipitation

Monthly Precipitation Outlook

Valid: January 2026

Issued: December 31, 2025

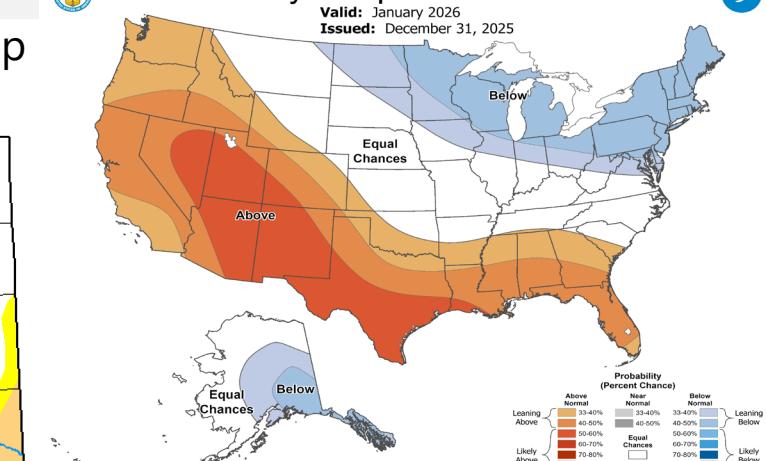


Temperature

Monthly Temperature Outlook

Valid: January 2026

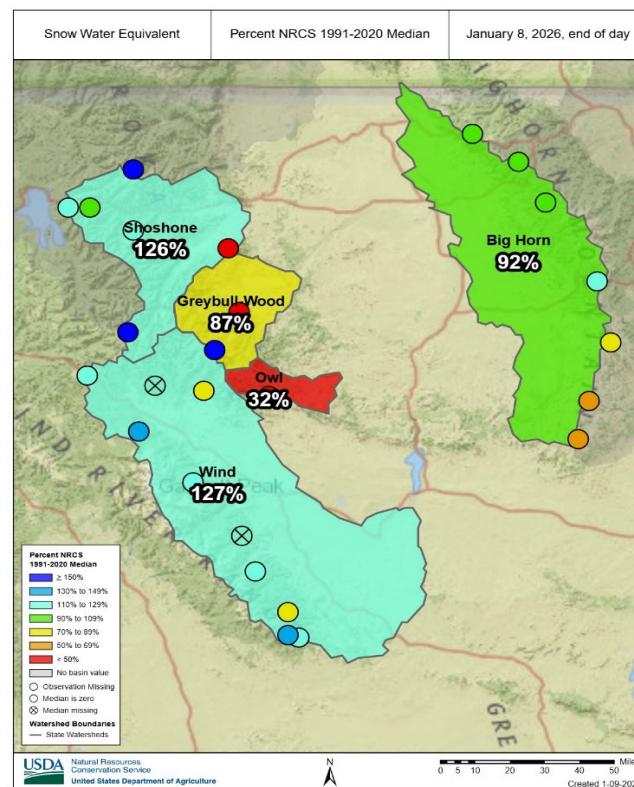
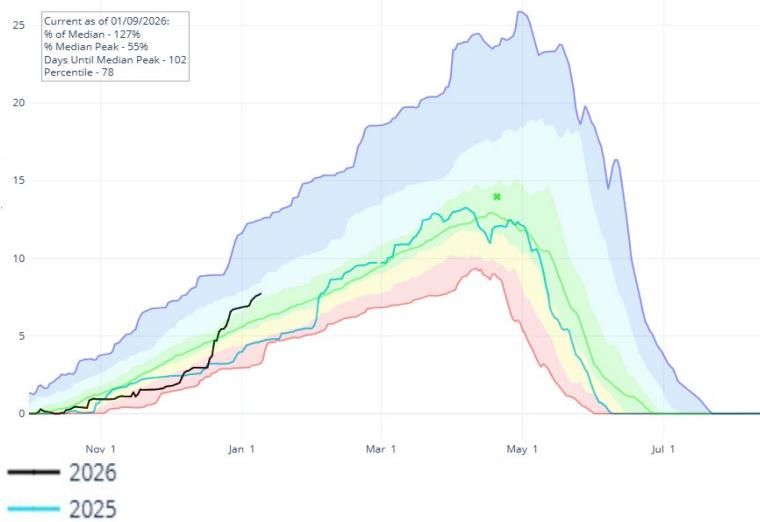
Issued: December 31, 2025



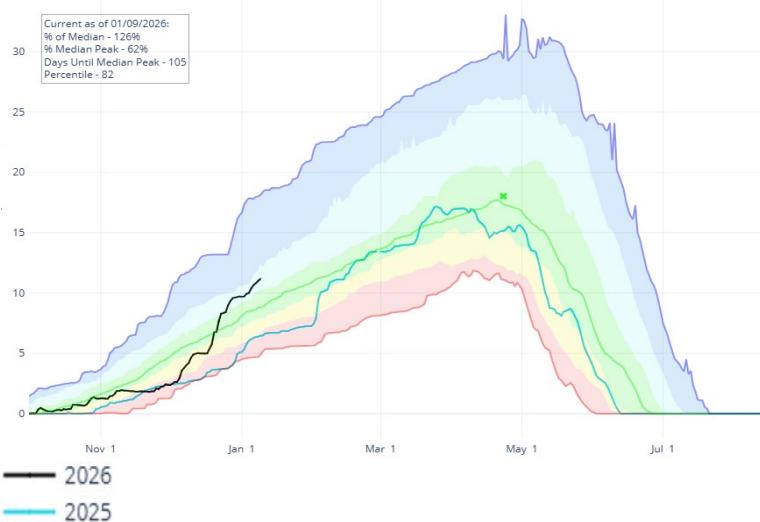
SNOWPACK SUMMARY

The snow water equivalent (SWE) graphs are a composite of SNOTEL sites within the Bighorn River Basin managed by the Natural Resources Conservation Service (NRCS).

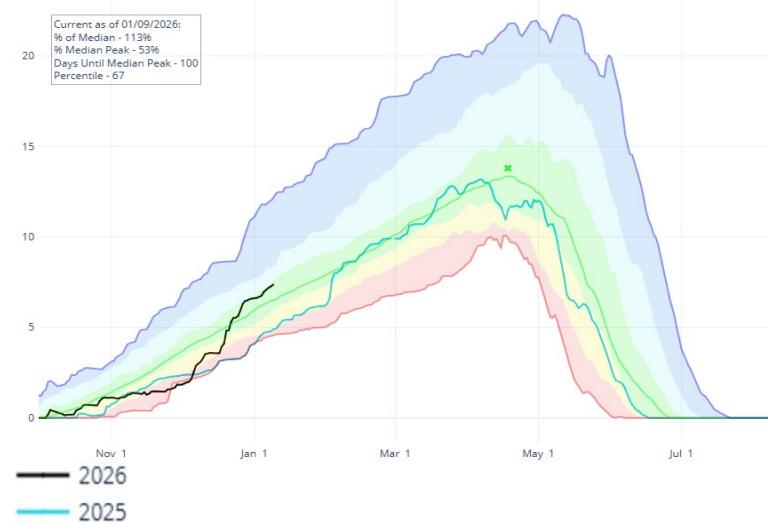
Wind River



Shoshone River



Bighorn River



NRCS Montana Snow Survey Website: <https://www.nrcs.usda.gov/wps/portal/nrcs/mt/snow/>

Statistical shading breaks at 10th, 30th, 50th, 70th, and 90th Percentiles
 Normal ('91-'20) – Official median calculated from 1991-2020 data
 Normal (POR) – Unofficial mean calculated from Period of Record data

- ✖ Median Peak SWE
- Max
- Median ('91-'20)
- Min
- Stats. Shading

FORECAST SUMMARY

NRCS SNOTEL data, streamflow data, climate data, and planned releases from Boysen and Buffalo Bill Reservoirs are used to compute an inflow forecast for Bighorn Lake. Actual December inflows were greater than the maximum inflow forecast.

December Forecast Review				
	Median Forecast (kaf)	Actual (kaf)	Difference (kaf)	Actual (% of Avg)
December Inflow	80.5	88.1	7.6	81
Bighorn Lake Inflow Water Year 2026				
Oct	160	170	10	105
Nov	100	120	20	105
Dec	80	100	20	105
Jan	80	100	20	105
Feb	80	100	20	105
Mar	100	150	50	105
Apr	120	180	60	105
May	150	320	170	105
Jun	630	880	250	105
Jul	260	270	10	105
Aug	120	150	30	105
Sep	150	160	10	105
April through July Inflow Forecast for January 1				
	Median Forecast (kaf)	% of Average	Minimum Forecast (kaf)	Maximum Forecast (kaf)
April through July Inflow	1,307	105	508	2,279
Historic Maximum (2017)	2,953 kaf	Historic Minimum (2004)	392 kaf	Average
				1,250
Bighorn Lake Inflow April through July Forecast				
Jan 1	1300	1300	500	2300
Feb 1	1300	1300	500	2300
Mar 1	1300	1300	500	2300
Apr 1	1300	1300	500	2300
May 1	1300	1300	500	2300
Jun 1	1300	1300	500	2300
Jul 1	1300	1300	500	2300
				30 Year Average
				2026 Actual April through July Inflows

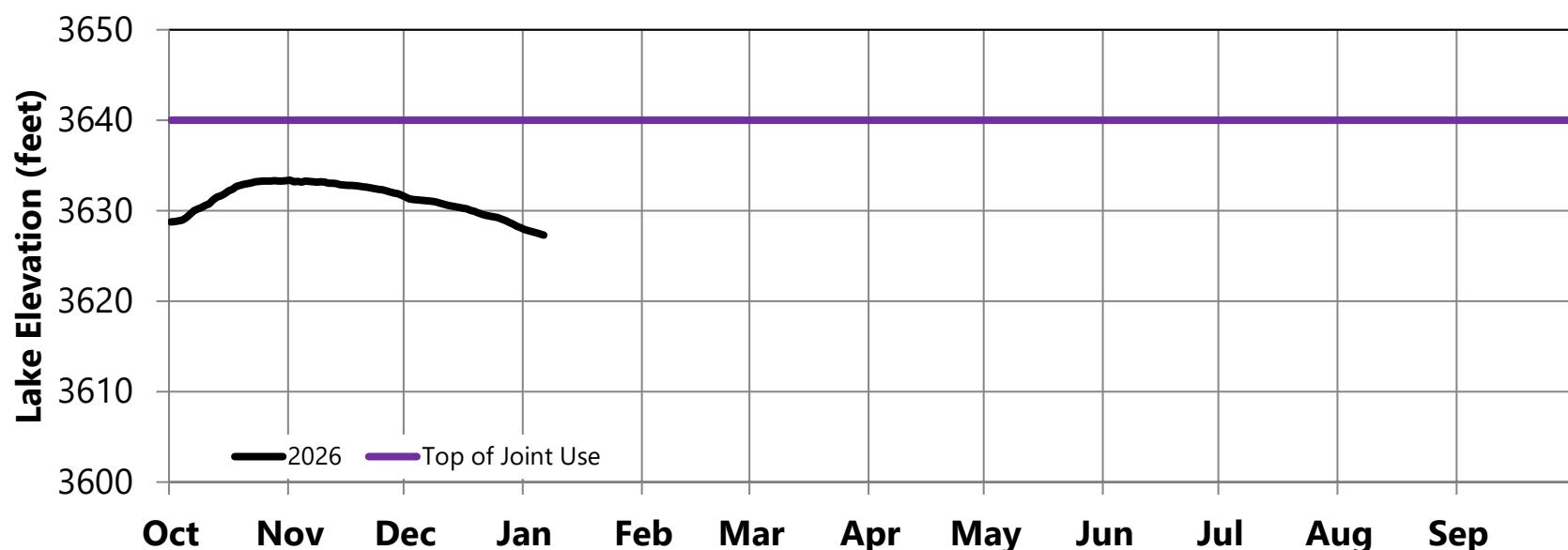
OPERATIONS REVIEW (October 1, 2025 through December 31, 2025)

Releases to the Bighorn River were increased to 2,060 cfs during December based on winter release criteria. The elevation of Bighorn Lake decreased by 3.6 feet during December.

January 1 Storage Conditions

	Elevation feet	Storage acre-feet	Percent of Average	Percent Full
Bighorn Lake	3628.1	879,393	104	87
Buffalo Bill	5357.4	383,414	87	59
Boysen	4712.0	521,099	93	70

Bighorn Lake Operations Water Year 2026

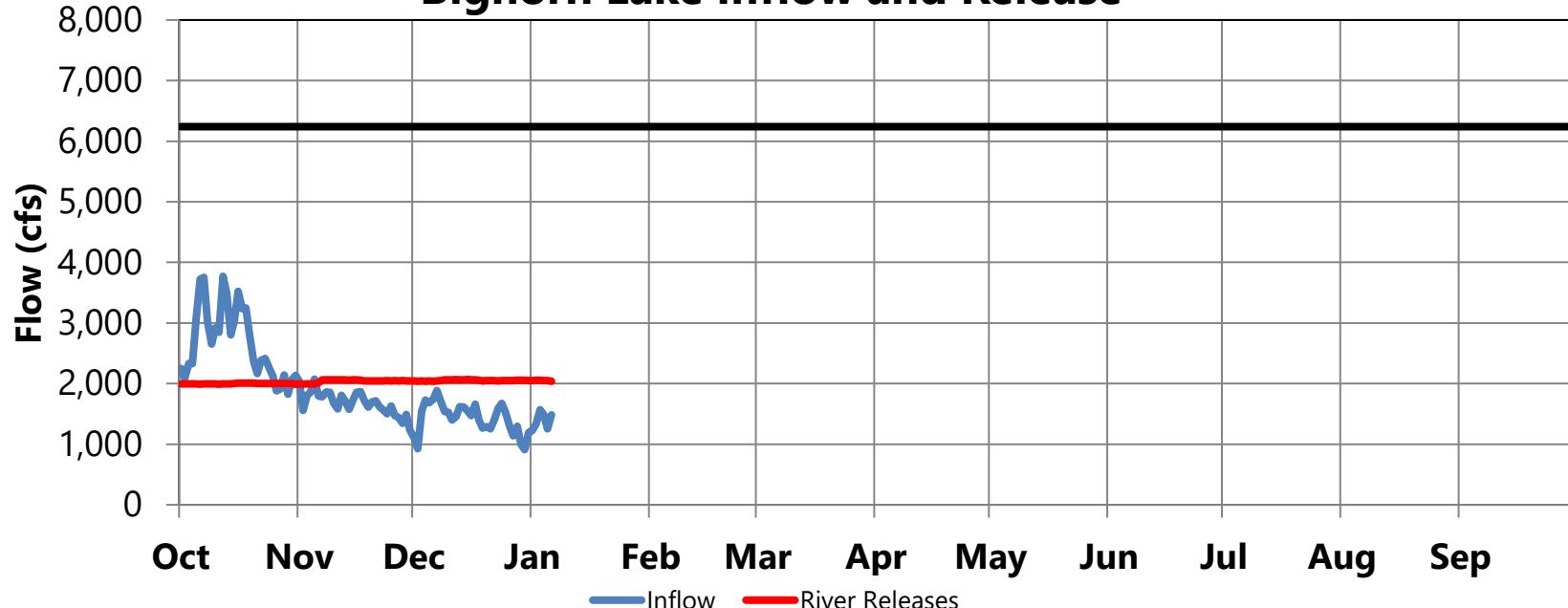


Average December Inflow

Average December Release

	Monthly Avg cfs	Percent of Average		Monthly Avg cfs	Percent of Average
Bighorn Lake	1,430	81	Bighorn River	2,055	85
Buffalo Bill	400	142	Buffalo Bill Total Release	155	52
Boysen	640	99	Boysen Release	605	77

Bighorn Lake Inflow and Release



OPERATIONS OUTLOOK (January 1, 2026 through July 31, 2026)

Winter releases to the Bighorn River were set in early November at 2,050 cfs. The winter release is based on storage in Bighorn Lake, end of March 2026 storage target of 3617 feet, planned releases from Boysen and Buffalo Bill, and forecasted gains. Releases to the Bighorn River will be adjusted up and down through the winter based on actual inflows into Bighorn Lake. Releases will be increased to 2,110 cfs during January based on December inflows being greater than forecasted.

Median Inflow Conditions (April through July Inflow: 1,307 kaf)

	Jan	Feb	Mar	Apr	May	Jun	Jul
Boysen Release (cfs)	600	600	600	1,000	1,499	3,533	2,305
Buffalo Bill Release (cfs)	153	155	153	682	2,048	5,235	3,243
Tributary Gain (cfs)	629	808	1,028	566	815	1,923	-1,179
Monthly Inflow (cfs)	1,382	1,563	1,781	2,248	4,362	10,691	4,369
Monthly Inflow (kaf)	85.0	86.8	109.5	133.8	268.2	636.1	268.6
Monthly Release (kaf)	129.1	117.2	146.3	147.6	255.1	417.8	272.6
Afterbay Release (cfs)	2,100	2,110	2,380	2,480	4,149	7,022	4,434
River Release (cfs)	2,100	2,110	2,379	2,380	3,799	6,622	3,984
End-of-Month Content (kaf)	839.6	813.1	780.6	770.9	788.3	1,010.8	1,011.1
End-of-Month Elevation (feet)	3623.2	3619.5	3614.4	3612.8	3615.6	3640.0	3640.0

Minimum Inflow Conditions (April through July Inflow: 508 kaf)

	Jan	Feb	Mar	Apr	May	Jun	Jul
Boysen Release (cfs)	600	600	600	701	1,025	1,200	1,150
Buffalo Bill Release (cfs)	155	157	155	684	1,730	2,047	1,996
Tributary Gain (cfs)	522	661	903	230	-5	-457	-1,904
Monthly Inflow (cfs)	1,277	1,418	1,658	1,615	2,750	2,790	1,242
Monthly Inflow (kaf)	78.5	78.7	101.9	96.1	169.1	166.0	76.3
Monthly Release (kaf)	129.1	113.9	111.3	109.5	128.5	127.3	131.6
Afterbay Release (cfs)	2,100	2,050	1,810	1,840	2,090	2,140	2,140
River Release (cfs)	2,100	2,050	1,810	1,690	1,690	1,690	1,690
End-of-Month Content (kaf)	833.1	801.9	796.8	787.6	832.4	875.3	824.3
End-of-Month Elevation (feet)	3622.3	3617.8	3617.0	3615.5	3622.2	3627.7	3621.1

Maximum Inflow Conditions (April through July Inflow: 2,279 kaf)

	Jan	Feb	Mar	Apr	May	Jun	Jul
Boysen Release (cfs)	600	600	1,099	2,000	3,300	5,324	3,934
Buffalo Bill Release (cfs)	155	157	155	1,862	3,380	6,210	5,030
Tributary Gain (cfs)	735	954	1,150	1,072	2,119	3,482	-8
Monthly Inflow (cfs)	1,490	1,711	2,404	4,934	8,799	15,016	8,956
Monthly Inflow (kaf)	91.6	95.0	147.8	293.6	541.0	893.5	550.7
Monthly Release (kaf)	129.1	120.5	219.7	343.6	554.1	664.5	480.3
Afterbay Release (cfs)	2,100	2,170	3,573	5,775	9,012	11,167	7,811
River Release (cfs)	2,100	2,170	3,573	5,775	8,812	10,867	7,361
End-of-Month Content (kaf)	846.2	824.6	757.0	711.1	702.4	935.6	1,010.3
End-of-Month Elevation (feet)	3624.1	3621.1	3610.3	3601.6	3599.9	3633.9	3639.9

OPERATIONS OUTLOOK (January 1, 2026 through July 31, 2026)

There is approximately 70 cfs of gain between Yellowtail Dam and Yellowtail Afterbay Dam from springs flowing into Yellowtail Afterbay. Total release from Yellowtail Dam is 70 cfs less than total release from Yellowtail Afterbay Dam.

Irrigation Demands Outlook

Bighorn Canal (cfs)

	Jan	Feb	Mar	Apr	May	Jun	Jul
Median Forecast	0	0	0	100	350	400	450
Minimum Forecast	0	0	0	150	400	450	450
Maximum Forecast	0	0	0	0	200	300	450

Power Generation Outlook

Current Number of Units Available: 3 of 4

Approximate Yellowtail Powerplant Turbine Capacity: 8,200 cfs

Approximate Yellowtail Powerplant Scheduled Generation Limit: 4,160 cfs

Yellowtail Powerplant Release (cfs)

	Jan	Feb	Mar	Apr	May	Jun	Jul
Median Forecast	2,030	2,040	2,310	2,410	4,079	6,068	4,348
Minimum Forecast	2,030	1,980	1,740	1,770	2,020	2,070	2,070
Maximum Forecast	2,030	2,100	3,503	5,705	6,240	6,240	5,837

Yellowtail Powerplant Generation (gwh)

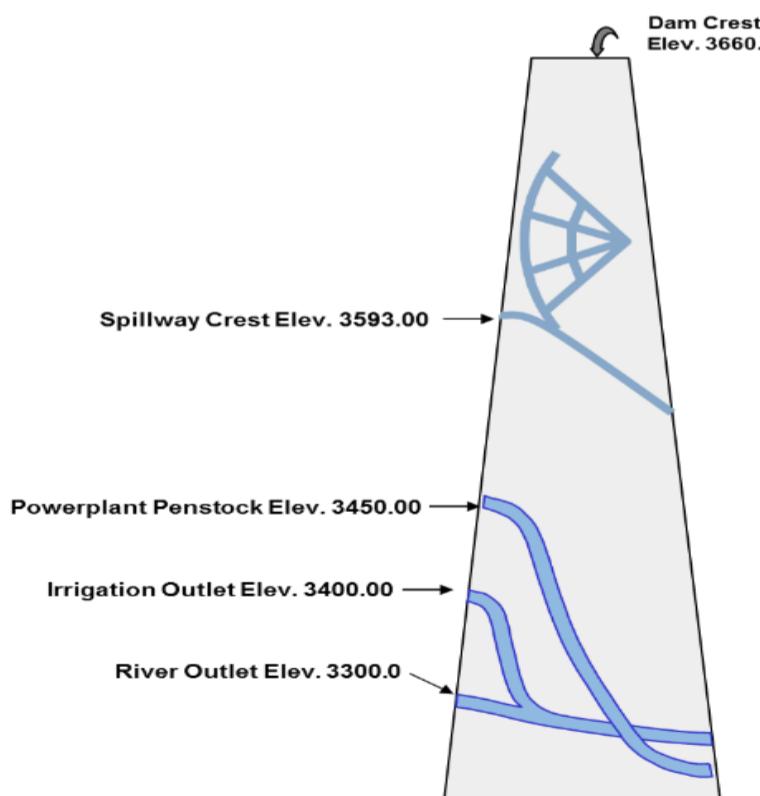
	Jan	Feb	Mar	Apr	May	Jun	Jul
Median Forecast	46	42	52	53	92	132	98
Minimum Forecast	46	40	39	39	46	45	47
Maximum Forecast	46	43	79	124	141	136	132

Yellowtail Spill (cfs)

	Jan	Feb	Mar	Apr	May	Jun	Jul
Median Forecast	0	0	0	0	0	884	16
Minimum Forecast	0	0	0	0	0	0	0
Maximum Forecast	0	0	0	0	2,702	4,857	1,904

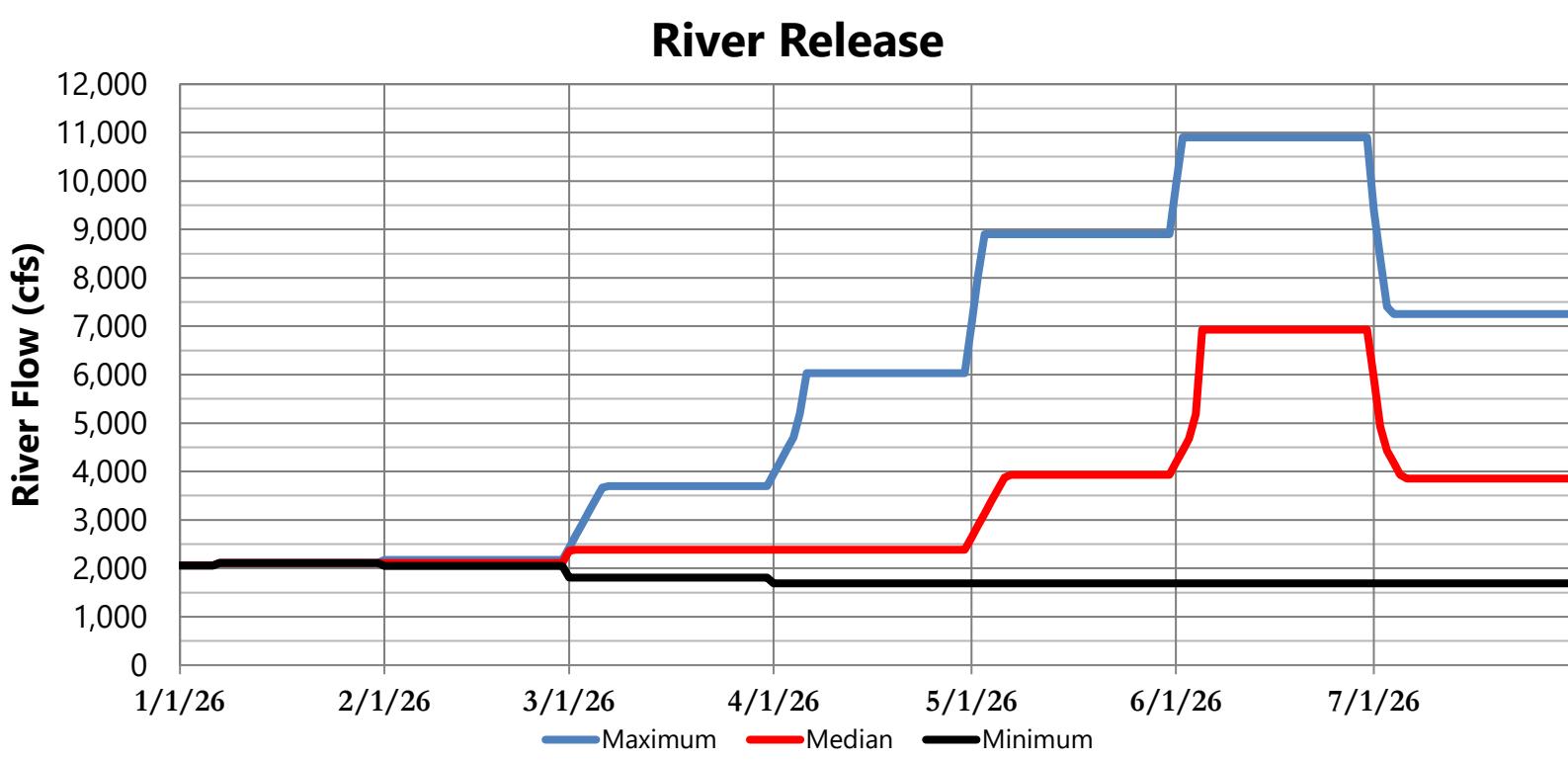
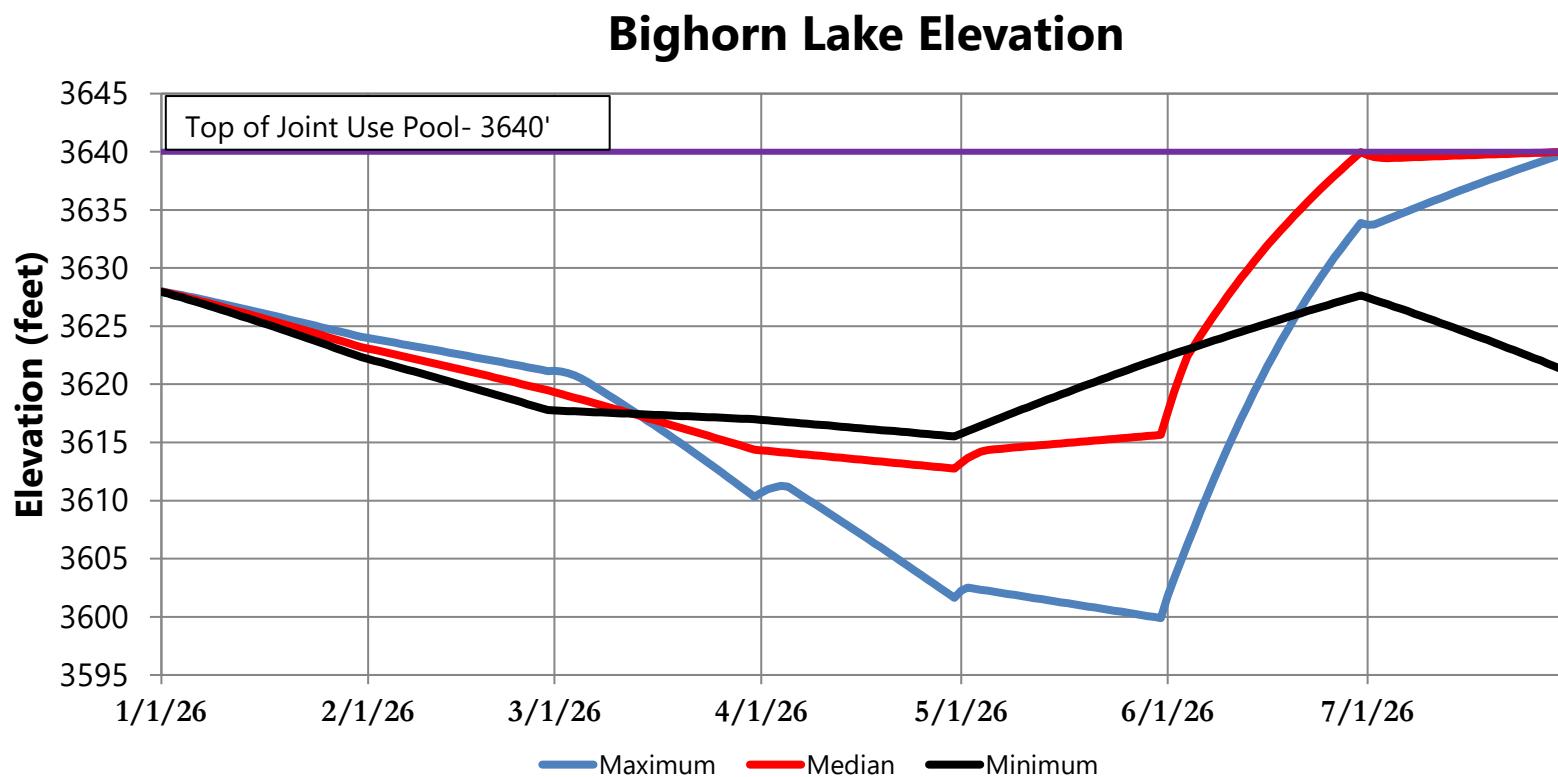
Release Outlook by Outlet

Yellowtail Powerplant bypass releases are expected in June and July under median inflow conditions and May through July under maximum inflow conditions.



OPERATIONS OUTLOOK (January 1, 2026 through July 31, 2026)

Projected elevations and the range of river releases are based on the median, minimum, and maximum inflow forecasts. End-of-month elevations and river releases vary based on the difference between forecasted inflow scenarios.



Contact Us

J. Brooks Stephens
jbstephens@usbr.gov
406-247-7318

Clayton Jordan
cjordan@usbr.gov
406-247-7334

Chris Gomer
cgomer@usbr.gov
406-247-7307