



BUREAU OF RECLAMATION

Montana Area Office - Reservoir Operations

Tuesday, April 9, 2024

Bighorn Basin Current Conditions

Boysen Dam

Elevation: 4717.9 feet 7.1 feet below full pool
 Elevation Change Since March 1: -0.6 feet
 Average Elevation (30 years): 4713.2 feet
 Storage: 612,558 acre feet Percent of Average: 114% Percent Full: 83%

Inflow: 795 cfs
 River Release: 2,230 cfs

Snow Water Equivalent: 13.3 inches Percent of Median: 108%
 April through July Volume Inflow Forecast: 750 kaf; 120% of average

Buffalo Bill Dam

Elevation: 5373.0 feet 20.5 feet below full pool
 Elevation Change Since March 1: 1.7 feet
 Average elevation (30 years): 5363.3 feet
 Storage: 489,869 acre feet Percent of Average: 119% Percent Full: 76%

Inflow: 575 cfs
 River Release: 635 cfs Canal Release: 0 cfs

Snow Water Equivalent: 15.3 inches Percent of Median: 91%
 April through July Volume Inflow Forecast: 640 kaf; 85% of average

Yellowtail Dam

Elevation: 3619.9 feet 20.1 feet below full pool
 Elevation change since March 1: -4.8 feet
 Average elevation (30 years): 3611.8 feet
 Storage: 816,101 acre feet Percent of average: 107% Percent Full: 81%

Inflow: 4,360 cfs
 River release: 4,000 cfs Canal Release: 0 cfs

Snow Water Equivalent: 12.5 inches Percent of Median: 96%
 April through July Volume Inflow Forecast: 1,172 kaf; 93% of average

