



BUREAU OF RECLAMATION

Montana Area Office - Reservoir Operations

Tuesday, May 7, 2024

Bighorn Basin Current Conditions

Boysen Dam

Elevation: 4714.1 feet 10.9 feet below full pool
 Elevation Change Since May 1: -0.9 feet
 Average Elevation (30 years): 4711.7 feet
 Storage: 551,518 acre feet Percent of Average: 106% Percent Full: 74%

Inflow: 1,515 cfs
 River Release: 2,205 cfs

Snow Water Equivalent: 12.1 inches Percent of Median: 112%
 May through July Volume Inflow Forecast: 580 kaf; 101% of average

Buffalo Bill Dam

Elevation: 5368.5 feet 25.0 feet below full pool
 Elevation Change Since May 1: -1.1 feet
 Average elevation (30 years): 5359.2 feet
 Storage: 457,583 acre feet Percent of Average: 119% Percent Full: 71%

Inflow: 1,475 cfs
 River Release: 1,295 cfs Canal Release: 525 cfs

Snow Water Equivalent: 13.9 inches Percent of Median: 89%
 May through July Volume Inflow Forecast: 520 kaf; 74% of average

Yellowtail Dam

Elevation: 3613.6 feet 26.4 feet below full pool
 Elevation change since May 1: -4.1 feet
 Average elevation (30 years): 3609.3 feet
 Storage: 775,876 acre feet Percent of average: 103% Percent Full: 77%

Inflow: 3,785 cfs
 River release: 5,500 cfs Canal Release: 200 cfs

Snow Water Equivalent: 11.3 inches Percent of Median: 99%
 May through July Volume Inflow Forecast: 968 kaf; 90% of average

