

AGENCY REPORT

To Be Included in the Notes of the Water Forum

Date of Water Forum Meeting – November 8, 2016

Agency: Bureau of Reclamation, Wyoming Area Office

Name of Representative: Art Hill. Phone: 307-261-5633

The following is a listing of reservoir conditions on October 31, 2016:

1. Water Supply Conditions of the North Platte River Basin.

	<u>Elev. (Ft)</u>	<u>Content (AF)</u>	<u>% Full Conservation Storage</u>	<u>% Avg.</u>
Seminole	6344.24	782,972	77	135
Pathfinder	5844.34	894,873	84	177
Alcova	5488.93	158,144	86	101
Glendo	4601.38	190,508	39	109
Guernsey	4370.00	0	NA	NA

October 31, 2015 Water Supply Conditions

<u>Reservoir</u>	<u>Elev. (Ft)</u>	<u>Content (AF)</u>	<u>30 Year Average (AF) (1987-2016)</u>
Seminole	6345.00	795,586	579,300
Pathfinder	5838.48	781,882	506,900
Alcova	5488.29	156,696	156,300
Glendo	4598.27	171,085	174,000
Guernsey	4399.67	9,343	6,400

October Inflows

<u>Reservoir</u>	<u>Inflows (KAF)</u>	<u>% of Average</u>
Seminole	22.3	79
Pathfinder (Sweetwater)	3.5	125
Alcova to Glendo Gains	9.4	85
Glendo to Guernsey Gains	2.7	129

Kendrick ownership was about 1,114,275 acre-feet (AF) on October 31, 2016, and approximately 130% of average (856,300 AF), which compares to the ownership of 1,100,700 AF last year. The October 31, 2016, North Platte ownership was about 713,694 AF, which was approximately 170% of average (420,900 AF), which compares to 635,200 AF of North Platte ownership last year. The Glendo ownership was about 162,385 AF on October 31, 2016, which was approximately 128% of average (127,000 AF), which compares to the 151,500 AF of Glendo ownership last year.

Flows in the Miracle Mile below Kortez Dam are approximately 530 cubic feet per second (cfs). Releases from Gray Reef Reservoir are approximately 500 cfs. The level of Alcova Reservoir is currently at the winter operating range of 5488 ± one foot.

2. Water Supply Conditions of the Big Horn Basin

October 31, 2016 Water Supply Conditions

<u>Reservoir</u>	<u>Elev. (Ft)</u>	<u>Content (AF)</u>	<u>% Full</u> <u>Conservation Storage</u>	<u>% Avg.</u>
Bull Lake	5756.30	29,682	19	39
Boysen	4719.99	648,184	87	112
Buffalo Bill	5366.19	441,268	68	103
Pilot Butte	5455.47	29,751	88	110

October 31, 2015 Water Supply Conditions

<u>Reservoir</u>	<u>Elev. (Ft)</u>	<u>Content (AF)</u>	<u>30 Year Average (AF) (1987-2016)</u>
Bull Lake	5775.10	69,360	76,700
Boysen	4718.33	619,458	578,000
Buffalo Bill	5362.38	415,675	426,800*
Pilot Butte	5453.40	28,010	27,200

* The average used for Buffalo Bill Reservoir reflects data from 1993 through 2016. In 1992, the capacity of the reservoir was increased to approximately 646,565 AF as a result of raising the dam. A long term average cannot be calculated until several years of operation occur under the increased storage.

October Inflows

<u>Reservoir</u>	<u>Inflow (KAF)</u>	<u>% of Average</u>
Bull Lake	17.6	309
Boysen	75.5	143
Buffalo Bill	52.9	211

The release from Buffalo Bill Reservoir to the river plus the springs is approximately 260 cfs as measured at the Cody river gage. The release from Boysen Dam is approximately 825 cfs.