

AGENCY REPORT

To Be Included in the Notes of the Water Forum

Date of Water Forum Meeting – December 12, 2017

Agency: Bureau of Reclamation, Wyoming Area Office

Name of Representative: Art Hill phone 307-261-5633

The following is a table of end of day reservoir conditions for November 30, 2017:

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

<u>Reservoir</u>	<u>Elev. (Ft)</u>	<u>Content (AF)</u>	<u>% Full Conservation Storage</u>	<u>% Avg.</u>
Seminoe	6346.30	817,550	80	144
Pathfinder	5840.51	819,770	77	159
Alcova	5488.41	156,967	85	101
Glendo	4600.91	187,485	38	86
Guernsey	4403.22	13,520	30	163

November 30, 2016 Water Supply Conditions

	<u>Elev. (Ft)</u>	<u>Content (AF)</u>	<u>% Full Conservation Storage</u>	<u>% Avg.</u>
Seminoe	6343.63	772,968	76	136
Pathfinder	5844.55	899,126	84	174
Alcova	5488.40	156,944	85	101
Glendo	4607.06	229,742	47	106
Guernsey	4370.00	0	NA	NA

November Inflow Volumes for Water Year 2018

<u>Reservoir</u>	<u>Inflows (KAF)</u>	<u>% of Average</u>
Seminoe	41.9	147
Pathfinder Gains from Kor.	7.7	198
Alcova to Glendo Gains	9.2	93
Glendo to Guernsey Gains	1.9	112

November inflows were above or near average for Seminoe, Pathfinder, and Guernsey Reservoirs which were 147%, 198%, and 112% of average respectively. However, Glendo gains were well below average at 93%.

The Kendrick ownership was 1,136,244 AF on November 30, 2017, which was approximately 133% of average (854,700 AF), which compares to the 1,113,400 AF of Kendrick ownership on this date last year.

The North Platte ownership was 675,259 AF on November 30, 2017, which was approximately 149% of average (452,600 AF), which compares to the 713,700 AF of North Platte ownership on this date last year.

The Glendo ownership was 151,130 AF on November 30, 2017, which was approximately 119% of average (127,200 AF), which compares to the 161,800 AF of Glendo ownership on this date 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 at the winter operating range of 5488 ± one foot.

2. Water Supply Conditions of the Big Horn Basin

November 30, 2017 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	5788.68	104,220	69	140
Boysen	4721.72	679,357	92	121
Buffalo Bill	5374.44	500,227	77	116
Pilot Butte	5453.63	28,201	84	100

November 30, 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	5760.33	37,368	25	39
Boysen	4720.71	661,014	89	112
Buffalo Bill	5370.29	470,121	73	109
Pilot Butte	5455.18	29,504	87	105

* The average used for Buffalo Bill Reservoir reflects data from 1993 through 2017. 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.

November Inflow Volumes for Water Year 2018

<u>Reservoir</u>	<u>Inflow (KAF)</u>	<u>% of Average</u>
Bull Lake	6.5	201
Boysen	86.0	182
Buffalo Bill	49.6	227

Total monthly inflows to Bull Lake, Boysen, and Buffalo Bill Reservoirs were well above average at 201%, 182%, and 227% respectively.

The flow rate below Buffalo Bill Reservoir, as measured by the Cody River Gage, is approximately 780 cfs and is scheduled to be at this discharge to achieve desirable winter reservoir level by December 31. The release from Boysen Dam is approximately 1,250 cfs and will remain at this release to achieve desirable winter reservoir levels.

3. Other. The Four States Irrigation Council Annual Conference is scheduled for January 10-12, 2017 in Fort Collins, CO.