

## AGENCY REPORT

To Be Included in the Notes of the Water Forum

Date of Water Forum Meeting – September 12, 2017

Agency: Bureau of Reclamation, Wyoming Area Office

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The following is a table of end of day reservoir conditions for August 31, 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>
Seminole	6347.36	835,819	82	133
Pathfinder	5841.53	839,314	78	166
Alcova	5498.53	180,791	98	100
Glendo	4597.56	166,828	34	110
Guernsey	4412.06	28,280	62	106

### August 31, 2016 Water Supply Conditions

<u>Reservoir</u>	<u>Elev. (Ft)</u>	<u>Content (AF)</u>	<u>30 Year Average (AF)</u>
Seminole	6346.47	820,458	626,500
Pathfinder	5844.36	895,277	505,200
Alcova	5498.48	180,669	180,400
Glendo	4606.43	225,168	150,800
Guernsey	4411.87	27,906	26,700

### October 1<sup>st</sup> through August 31<sup>st</sup> Inflow Volumes for Water Year 2017

<u>Reservoir</u>	<u>Inflows (KAF)</u>	<u>% of Average</u>
Seminole	969.4	107
Pathfinder Gains from Kor.	182.4	168
Alcova to Glendo Gains	216.3	107
Glendo to Guernsey Gains	17.5	57

August inflows were below average to average for Seminole, Pathfinder, Guernsey Reservoirs.

Kendrick ownership was about 1,157,900 acre-feet (AF) on August 31, 2017, which is approximately 133% of average (872,200 AF), and compares to the project's ownership of 1,127,000 AF last year. The August 31, 2017, North Platte ownership was about 723,600 AF, which is approximately 158% of average (458,200 AF), and compares to the 741,500 AF of North Platte 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 1,250 cfs. The level of Alcova Reservoir is being maintained at the summer operating range of 5498 ± one foot until October 1<sup>st</sup>.

## 2. Water Supply Conditions of the Big Horn Basin

### August 31, 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	5801.60	141,864	93	133
Boysen	4722.45	692,854	93	117
Buffalo Bill	5385.58	583,844	74	94
Pilot Butte	5450.72	25,827	77	128

### August 31, 2016 Water Supply Conditions

<u>Reservoir</u>	<u>Elev. (Ft)</u>	<u>Content (AF)</u>	<u>30 Year Average (AF)</u>
Bull Lake	5771.63	61,272	101,000
Boysen	4719.15	633,484	593,800
Buffalo Bill	5371.81	481,022	511,100*
Pilot Butte	5426.81	10,155	19,600

\* 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 1<sup>st</sup> through August 31<sup>st</sup> Inflow Volumes for Water Year 2017

<u>Reservoir</u>	<u>Inflow (KAF)</u>	<u>% of Average</u>
Bull Lake	342.1	199
Boysen	2,123.0	250
Buffalo Bill	1,541.0	186

Inflows to Bull Lake, Boysen, and Buffalo Bill Reservoirs set new P.O.R records for the month of August. Already in Water Year 2017, the water year inflow volume records for Bull Lake, Boysen, and Buffalo Bill have been broken.

The release from Buffalo Bill Reservoir to the river plus the springs is approximately 1,420 cfs as measured at the Cody river gage. The release from Boysen Dam is approximately 1,250 cfs.