

Hlebechuk
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DWORSHAK HYSSR ANALYSIS

The August 5 SSARR forecast shows if 13.8 kcfs outflow is maintained through 31 August the project will draft to 1530.4' which is 138 kaf above 1520'. In order to draft a total of 200 kaf in September, based on the latest forecast, the project would have to be drafted to about elevation 1515.3'.

The Corps ran the HYSSR model for WY 29 - 87 for the 1 Oct - 30 June period

Assumptions: 1515.3' on 30 Sep
operate for flood control
WY 29 - 87 actual inflows

Conclusions: DWR would refill to its April 15 flood control elevation 43 out of 59 years. DWR would also fill to 1600' 43 out of 59 years by the end of June.

Average end of June elevation 1598'

Average outflows Oct 1300 cfs Nov 1300 cfs Dec 1800 cfs

Jan 3800 cfs Feb 6300 cfs Mar 6700 cfs Apr 1 - 14 8300 cfs

Apr 15 - 30 12200 cfs May 5300 cfs June 4700 cfs

AS A COMPARISON

The Corps ran the HYSSR model for WY 29 - 87 for the 1 Oct - 30 June period

Assumptions: 1520' on 30 Sep
operate for flood control
WY 29 - 87 actual inflows

Conclusions: DWR would refill 46 out of 59 years by the end of June.

Average end of June elevation 1598.1'

Average outflows Oct 1300 cfs Nov 1300 cfs Dec 1900 cfs

Jan 4000 cfs Feb 6700 cfs Mar 6700 cfs Apr 1 - 14 8300 cfs Apr 15 - 30

12500 cfs May 5300 cfs June 4700 cfs