

# Flaming Gorge Technical Working Group

## June 12, 2018 Hydrology Summary

Jed Parker, P.E.

This hydrologic update provides information regarding current conditions and fulfills the requirements detailed in the 2005 Flaming Gorge Final Environmental Impact Statement (FEIS) in Section 2.5.3 related to an operational plan for Flaming Gorge Dam (“Hydrology Summary”). The Hydrology Summary is to describe the current hydrologic classification of the Green River and Yampa River Basins, including the most probable runoff patterns for the two basins.

Hydrologic determinations for both the Yampa River Basin and Green River Basin above Flaming Gorge have been made, based off of the June Final Forecast provided by the Colorado River Basin Forecast Center (CBRFC), and are unlikely to change unless significant, unexpected precipitation occurs in either basin. The Green River Basin above Flaming Gorge Reservoir is expected to receive 1,120,000 acre-feet in the April through July runoff period, placing it in the average (above median) hydrologic classification (Figure 1). The projected runoff volume for the Yampa River Basin is 755,000 acre-feet, placing it in the moderately dry classification (Figure 2).

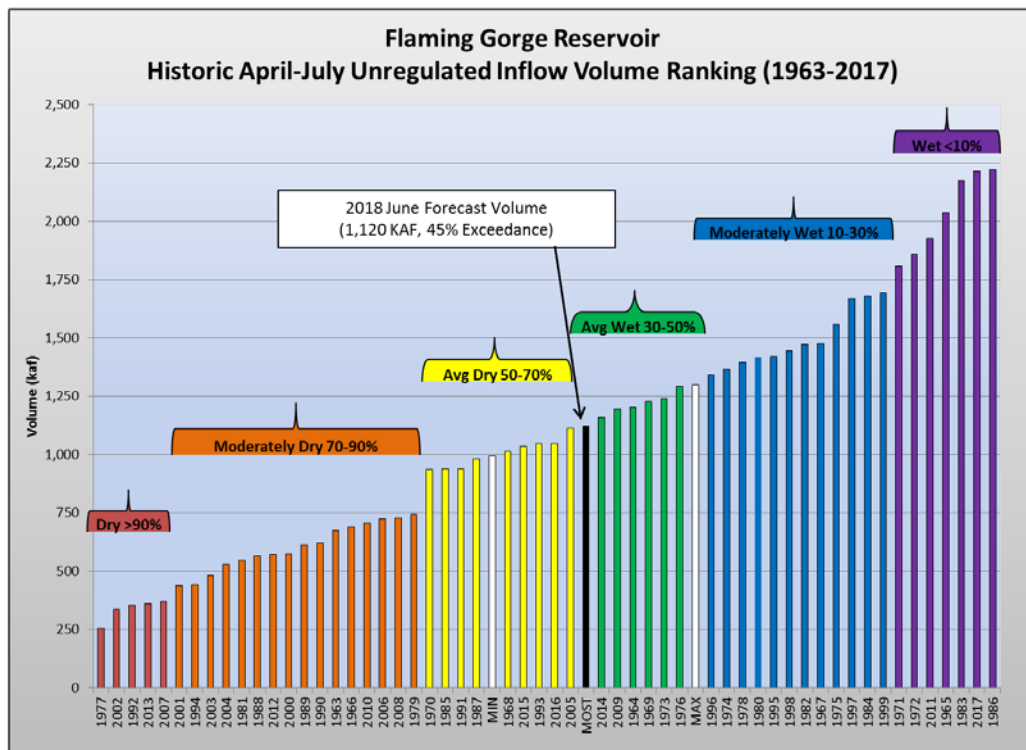


Figure 1 - Current year hydrologic classification for Green River above Flaming Gorge compared to historical record.

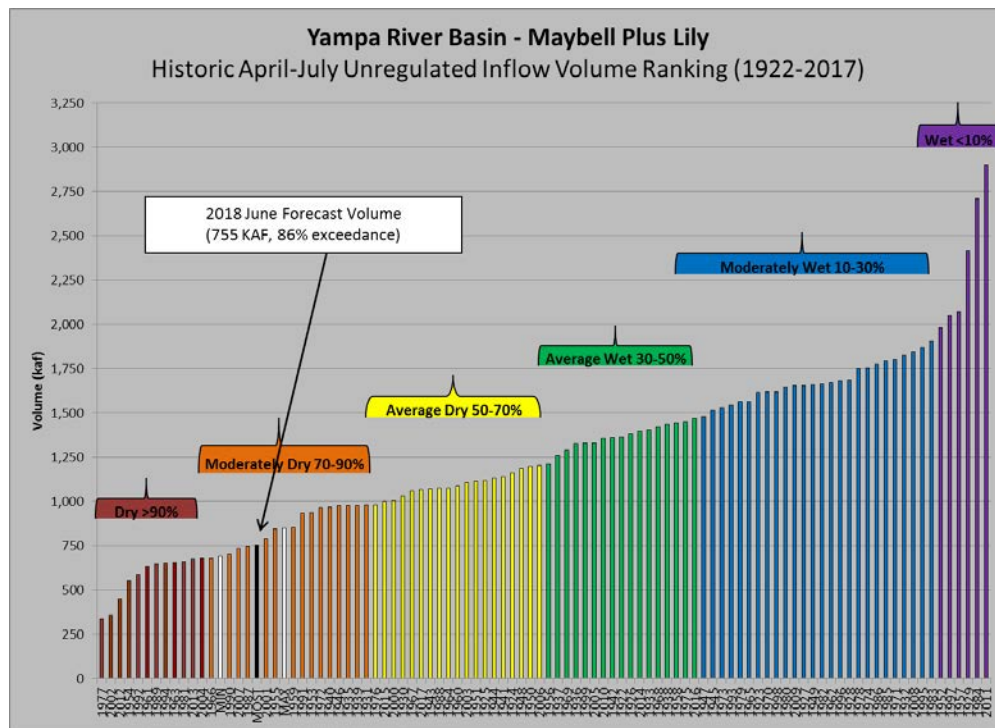


Figure 2 - Current year hydrologic classification for Yampa River Basin compared to historical record.

### Green River at Jensen, UT gage projections

A graph of Green River flow projections at the Jensen, UT gage is given in Figure 3. This figure includes current daily average release flows of 1,800 cfs from Flaming Gorge Dam.

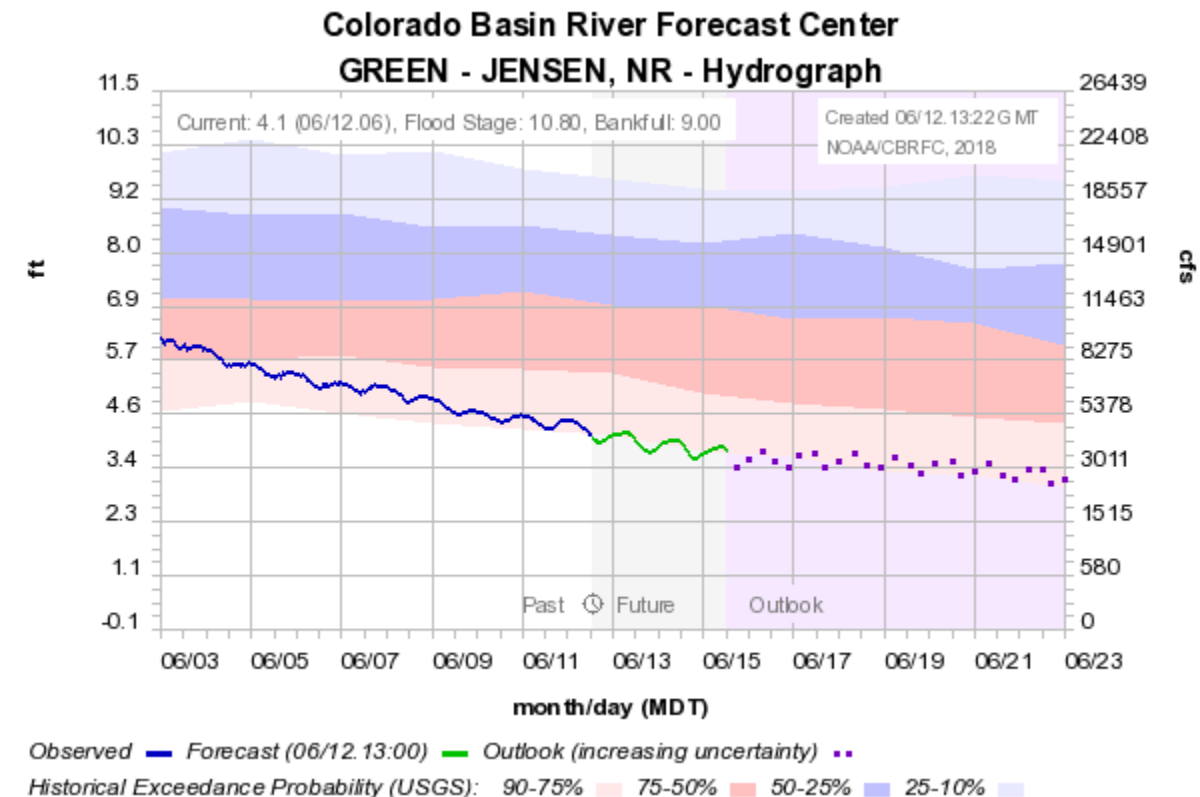


Figure 3 - CBRFC projection for the Green River at Jensen, UT, June 12 - June 23, 2018.