

# TDG UPDATE

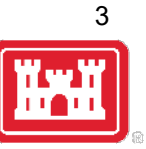
Dan Turner  
Water Quality Team Lead  
Reservoir Control Center  
10 May 2019



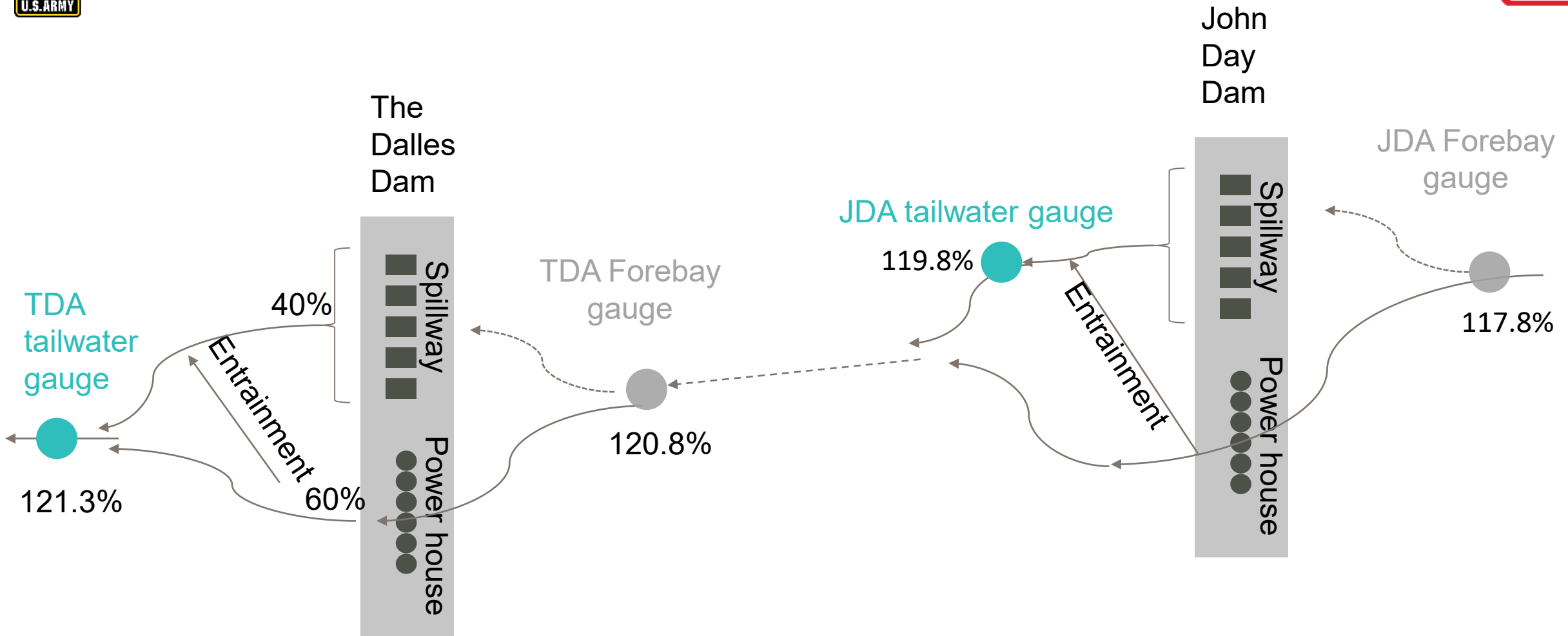
US Army Corps  
of Engineers®

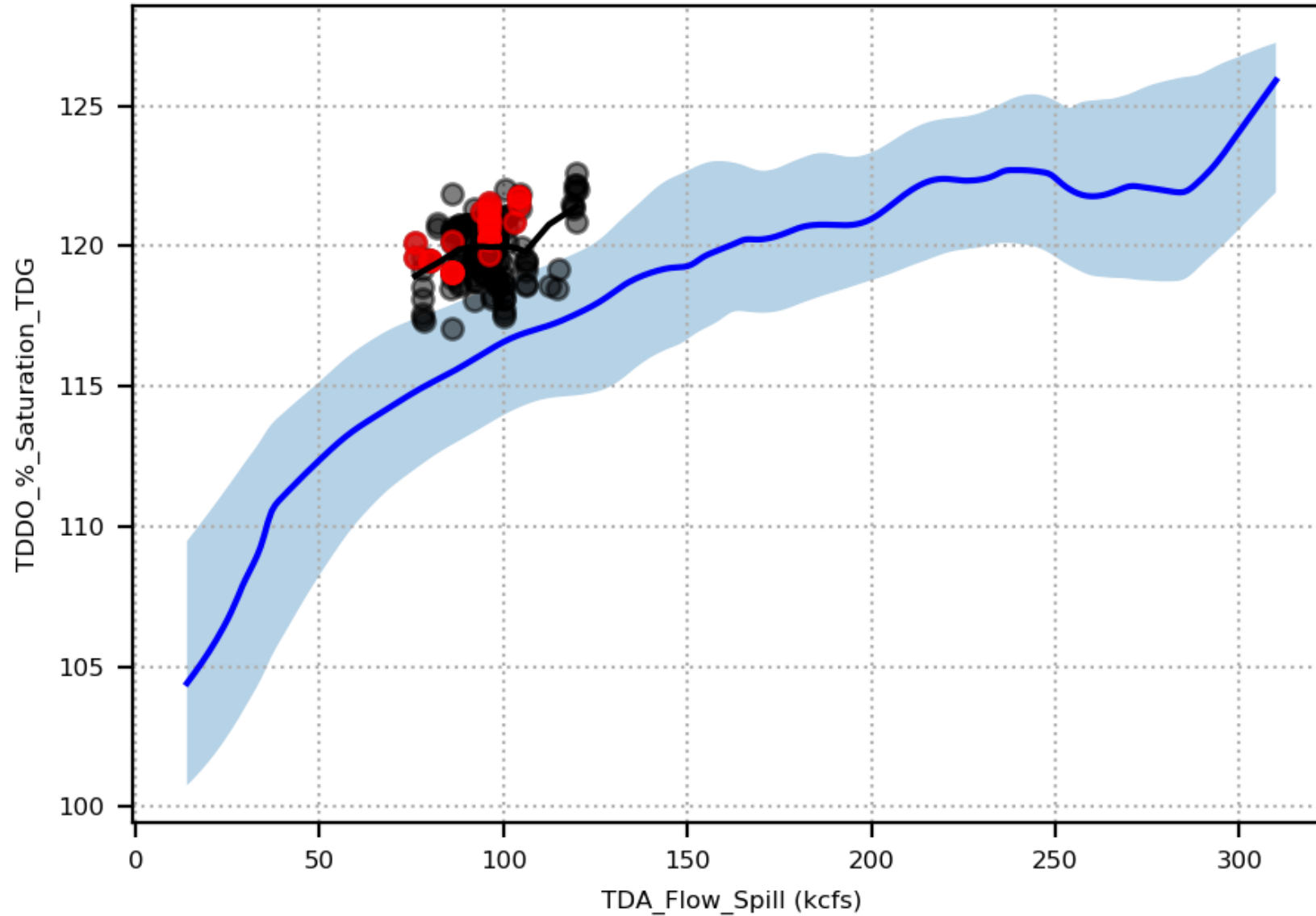
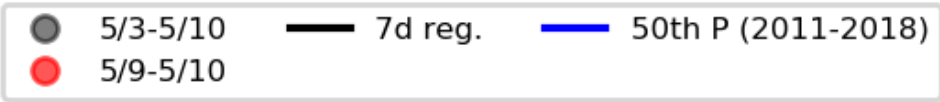




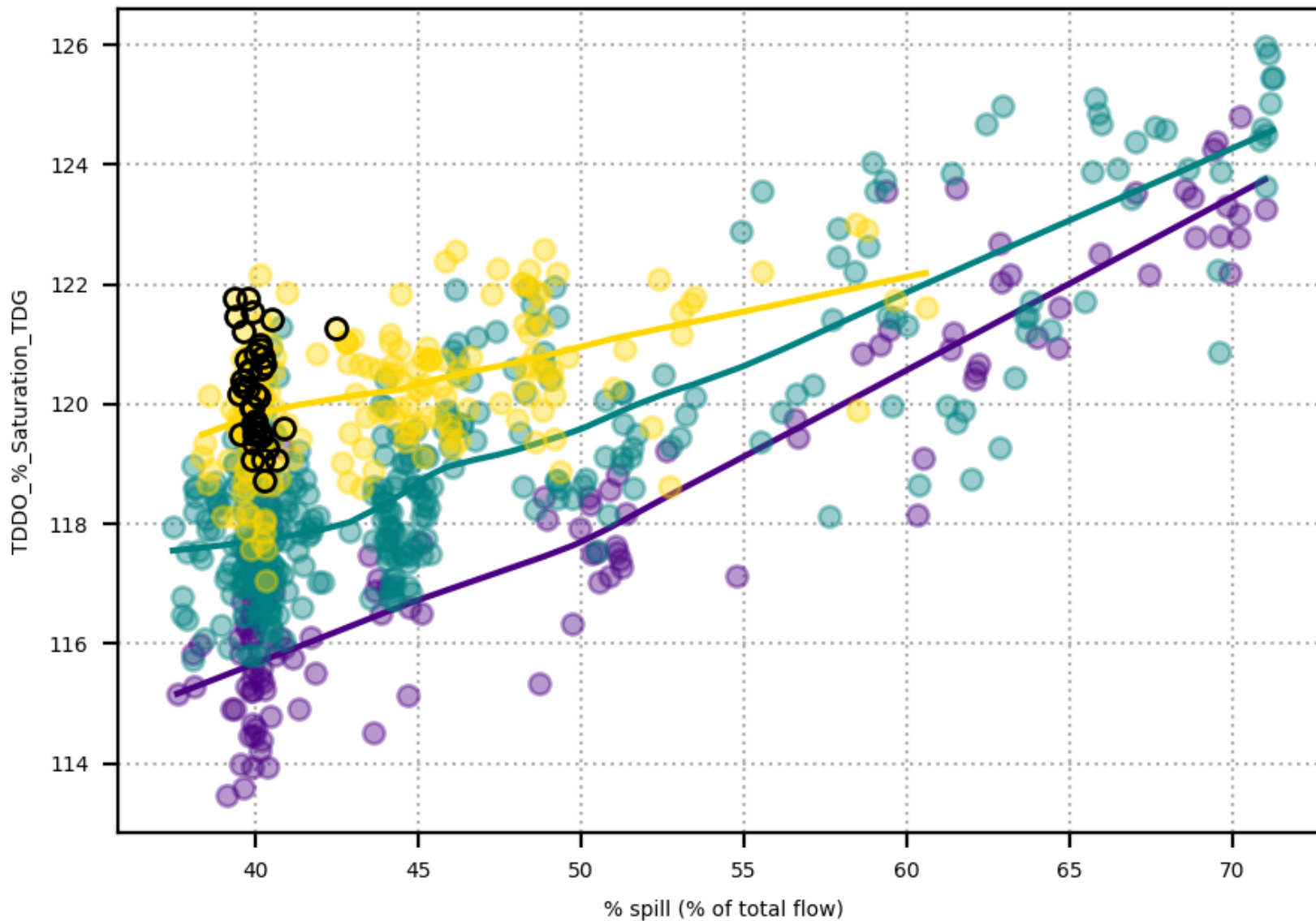
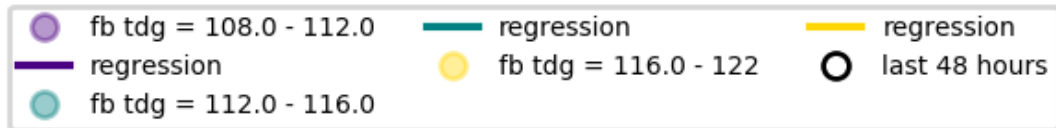


U.S. ARMY



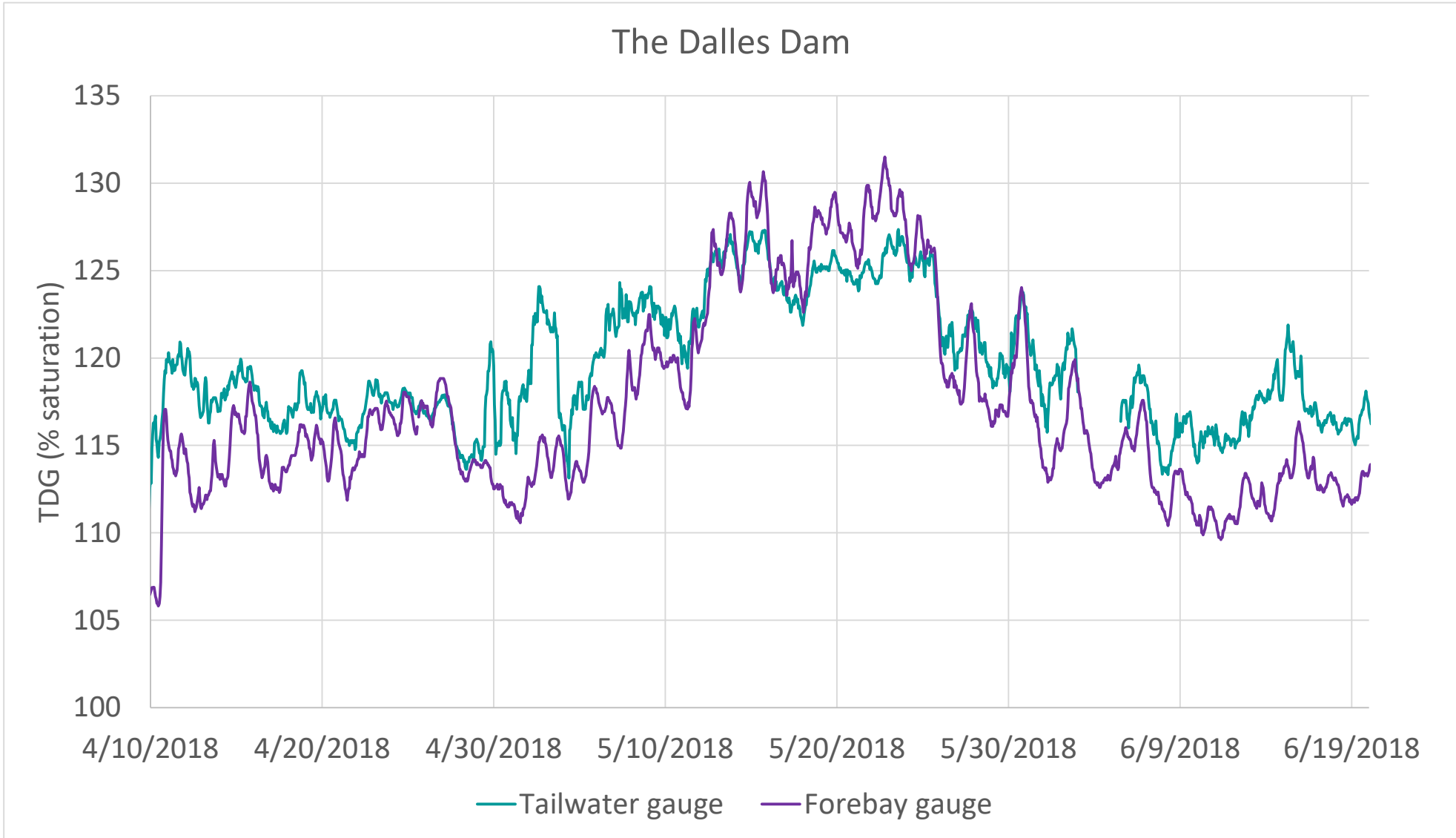








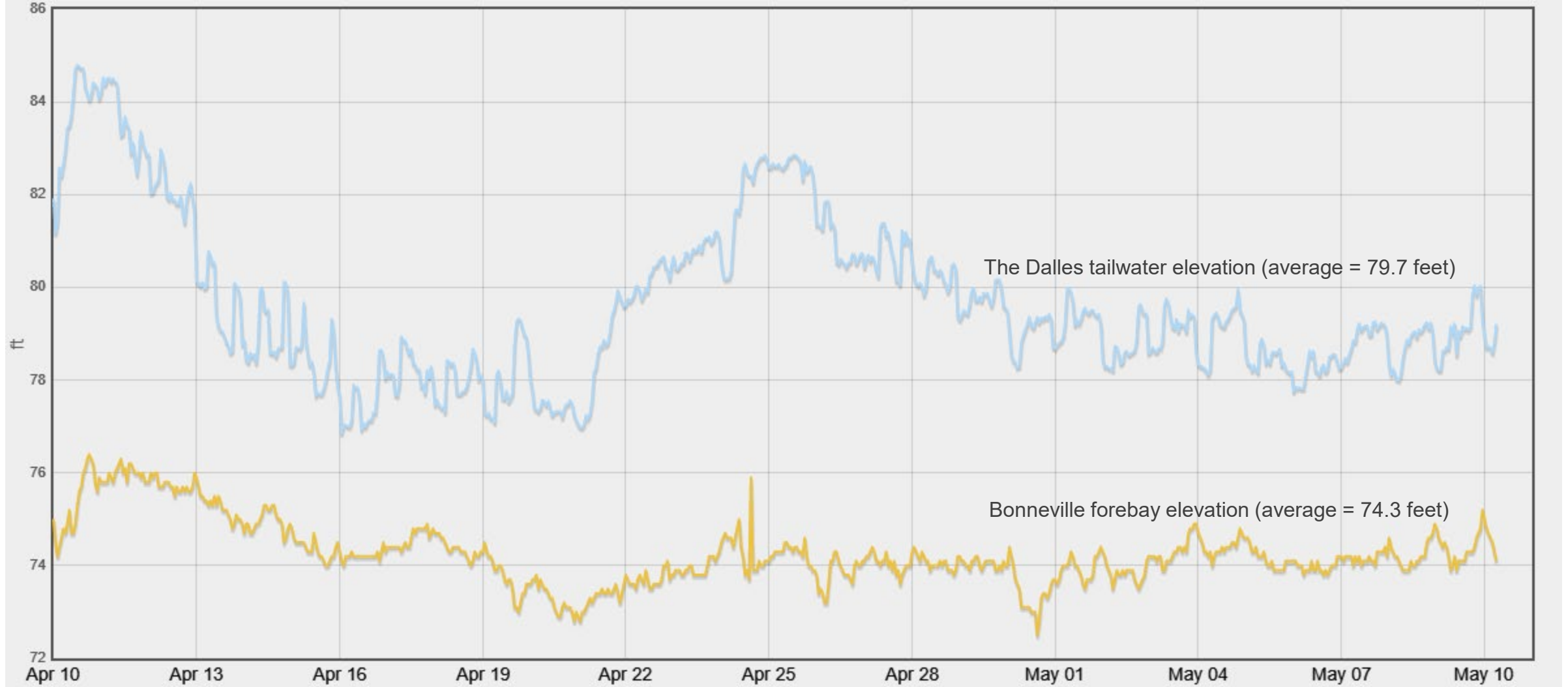
# OTHER FACTORS CONSIDERED: DEGASSING





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# BONNEVILLE FOREBAY & THE DALLES TAILWATER

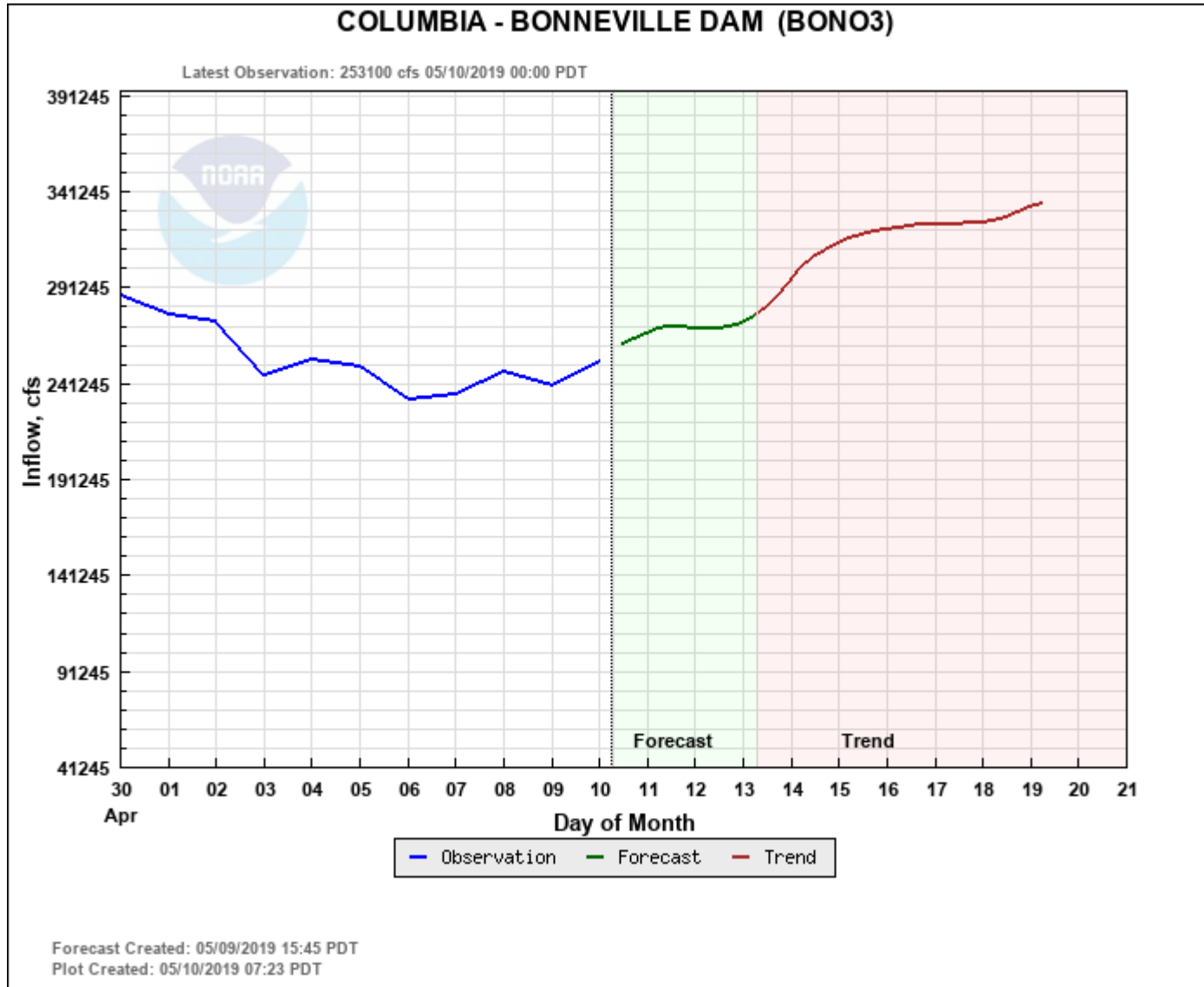


NOTE: Bonneville Dam forebay normal operating range = 71.5 - 76.5 feet

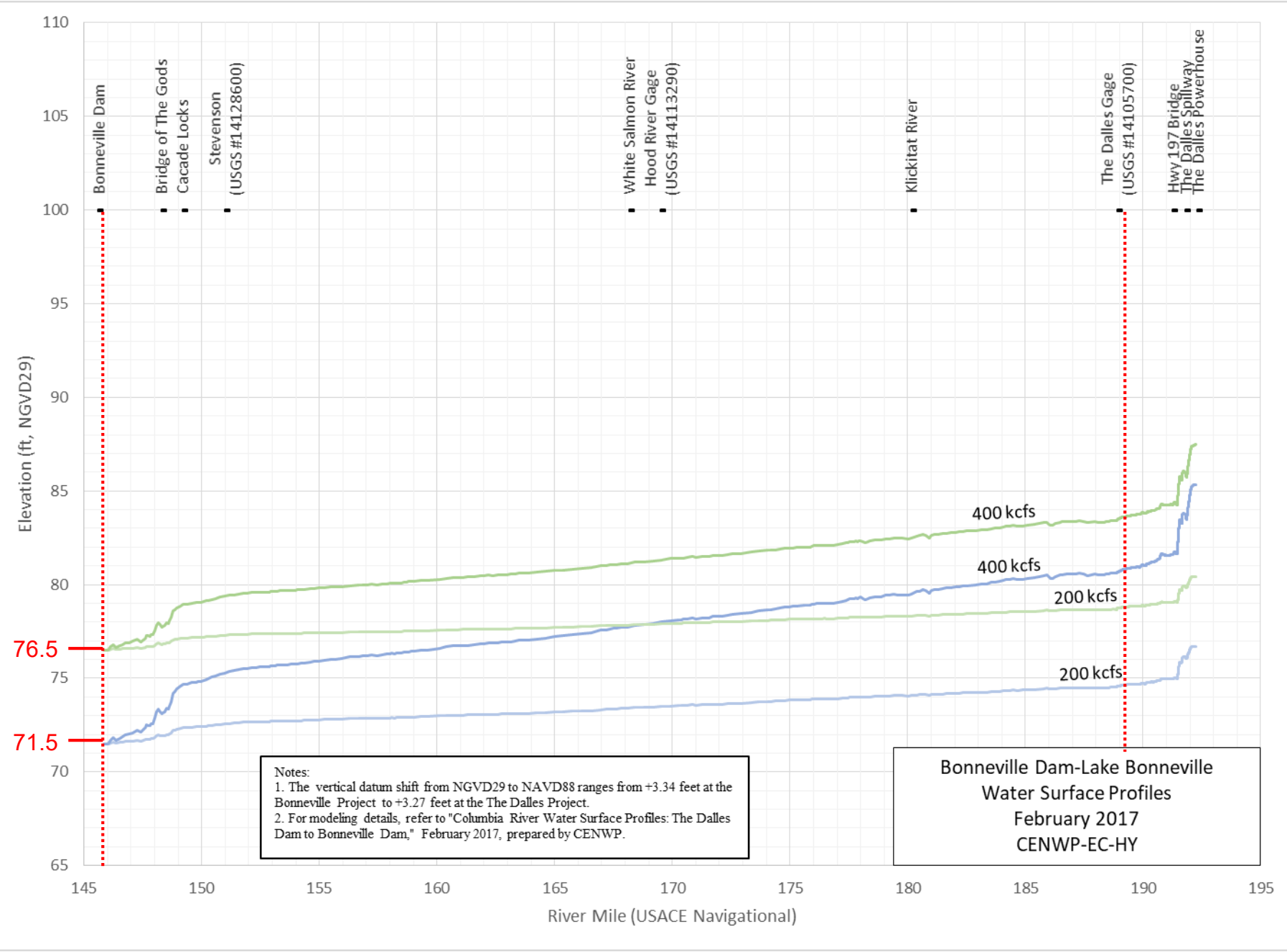


### Bonneville inflow forecast

- May 10-19
- Range: 260-340 kcfs
- Average: 300 kcfs







Notes:  
 1. The vertical datum shift from NGVD29 to NAVD88 ranges from +3.34 feet at the Bonneville Project to +3.27 feet at the The Dalles Project.  
 2. For modeling details, refer to "Columbia River Water Surface Profiles: The Dalles Dam to Bonneville Dam," February 2017, prepared by CENWP.

Bonneville Dam-Lake Bonneville  
 Water Surface Profiles  
 February 2017  
 CENWP-EC-HY

**BON inflow = 300 kcfs**

- BON forebay avg = 74.3 ft
- BON forebay decrease by 2 feet to 72.3 ft
- BON forebay decrease of 2 feet = TDA tailwater decrease of 1.4 feet

**BON inflow = 400 kcfs**

- BON forebay decrease of 2 feet = TDA tailwater decrease of 1.1 feet

**BON inflow = 200 kcfs**

- BON forebay decrease of 2 feet = TDA tailwater decrease of 1.7 feet