

FY2023 BIL WEST POINT SPILLWAY GATE PAINTING



WEST POINT LAKE, GA
DRAWDOWN

As of: 13Jun2023



**US Army Corps
of Engineers.**



2019 HSS INSPECTION, WEST POINT SPILLWAY GATE

- Spillway gates were found to be in satisfactory condition
- Primary findings and conditions on the downstream side of the gates include isolated deformations along the struts and strut end frame bracing members, section loss in girder web stiffeners, moderate to severe surface corrosion, and debris and ponding at the joints.
- The primary recommended actions included repairing incomplete welds, areas of significant section loss, enlarging drain holes and repainting of the gates as soon as possible
- HSS Inspection was performed by St. Louis District in November 2019

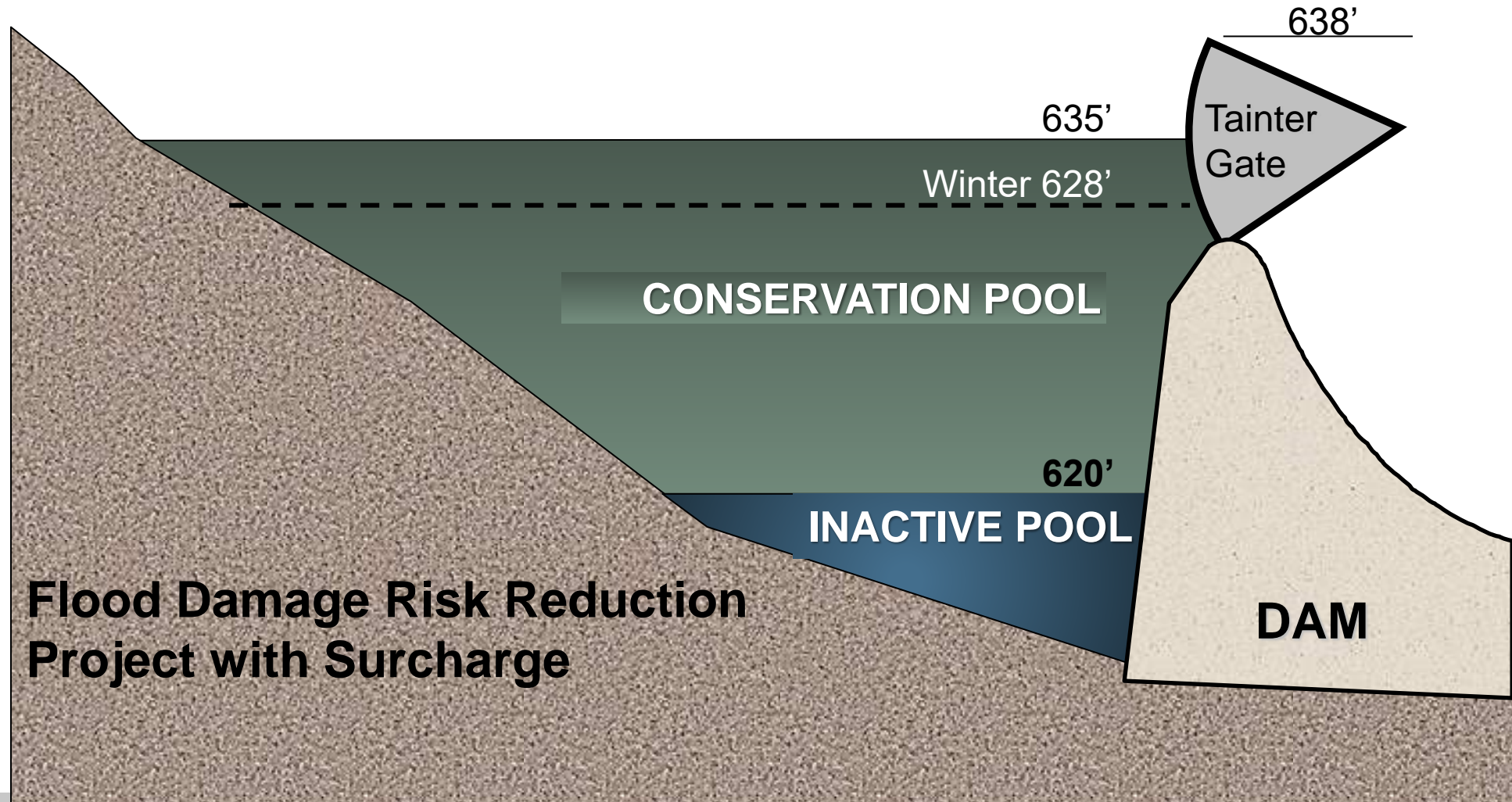




West Point Storage Zones

Gates in closed position

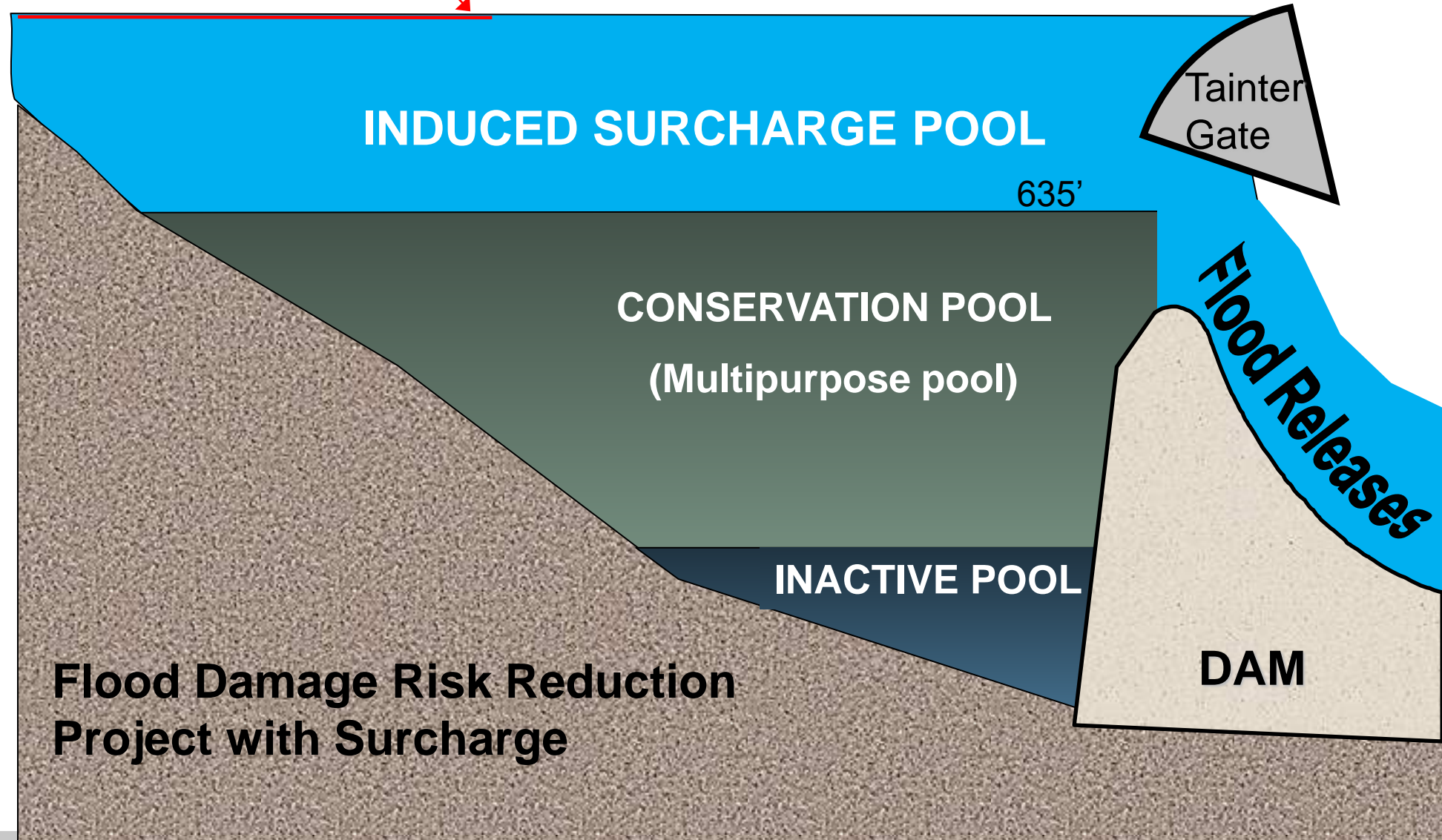
Top of Surcharge Operation 641'



**Flood Damage Risk Reduction
Project with Surcharge**

West Point Storage Zones

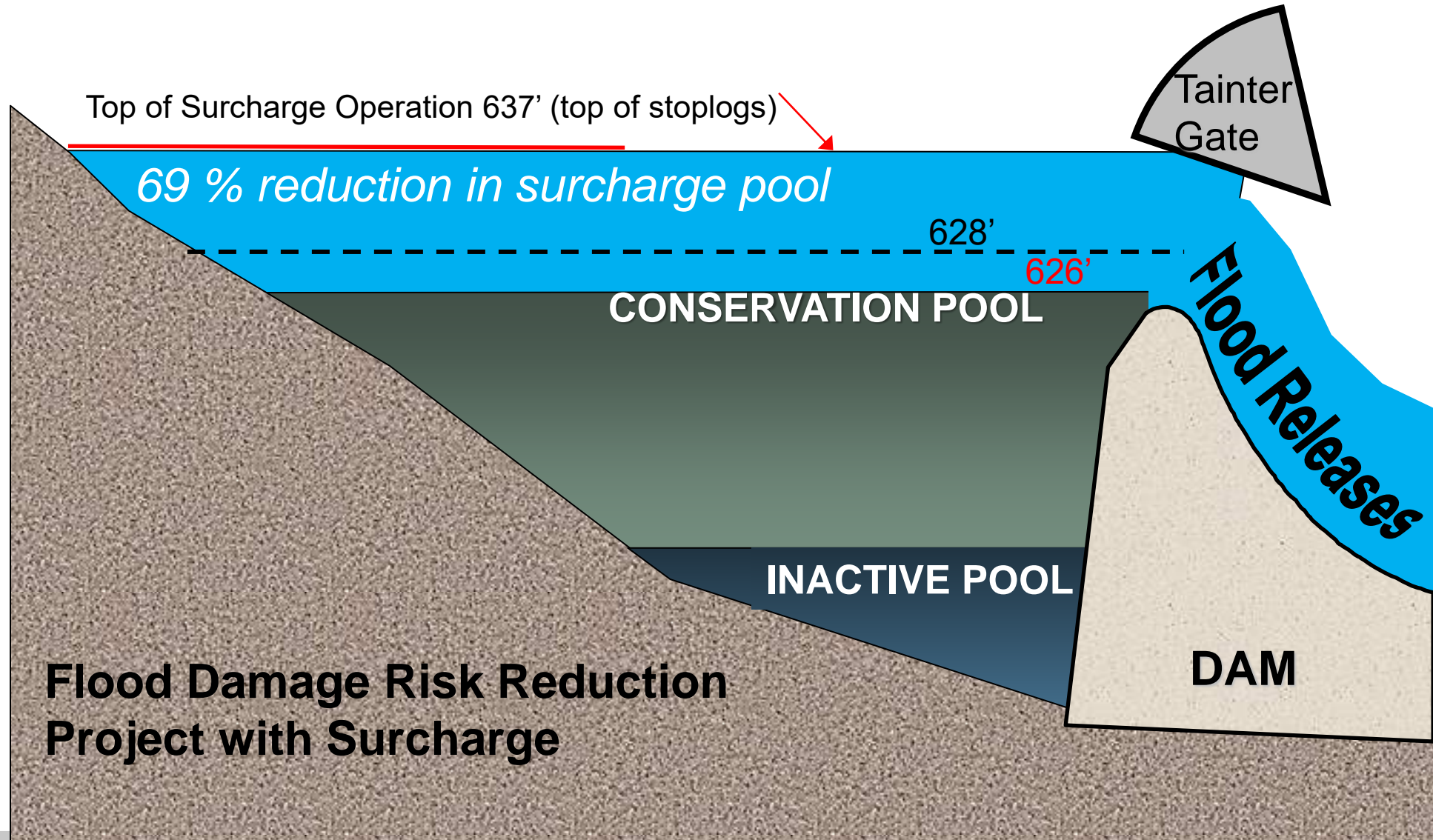
Top of Surge Operation 641'



**Flood Damage Risk Reduction
Project with Surge**



West Point Storage Zones (proposed)



SPILLWAY GATE REPAIR OVERVIEW

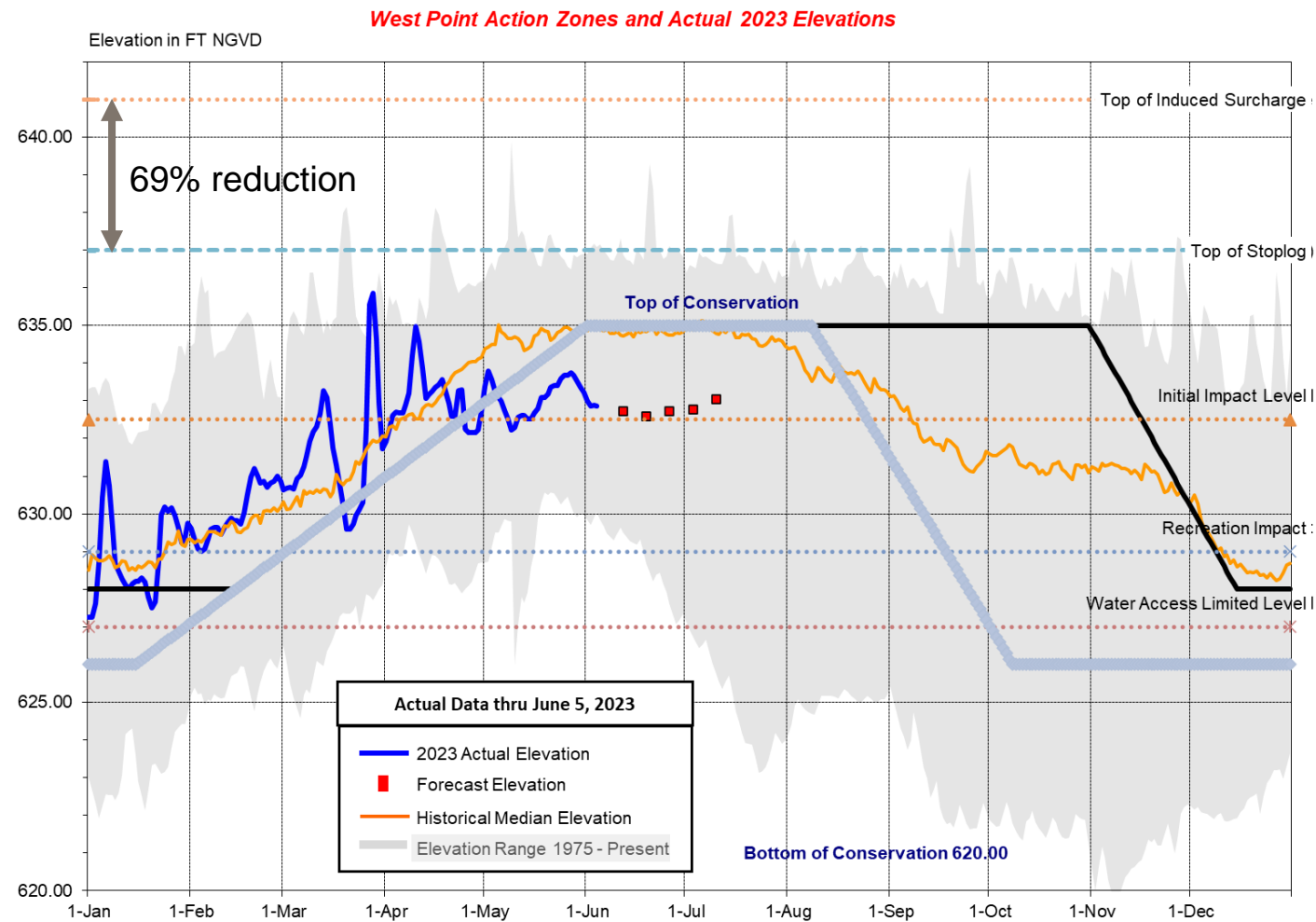
- During repairs, the spillway gates being worked on will not be operational.
 - Top of stoplogs: **637'**
 - Top of gate in closed position **638'**
- During high flow events, induced surcharge operations are followed.
 - Normal Top of Flood Pool: **641'**;
170,300 ac-ft of surcharge storage
 - Revised operation lowers Top of Flood to **637'**, a reduction of 116,900 ac-ft or **69%**
- Water Management operates for water on the ground.
 - Proposal: Lower reservoir to elevation **626'**
 - Storage between 628' to 626', approximately 39,800 ac-ft
 - Equivalent to releasing 20,000 cfs for one day



STOPLOG TEST, FY 2023



- 1 set of stoplogs
Target elev. 626.0
- Spillway Capacity
255,000 cfs



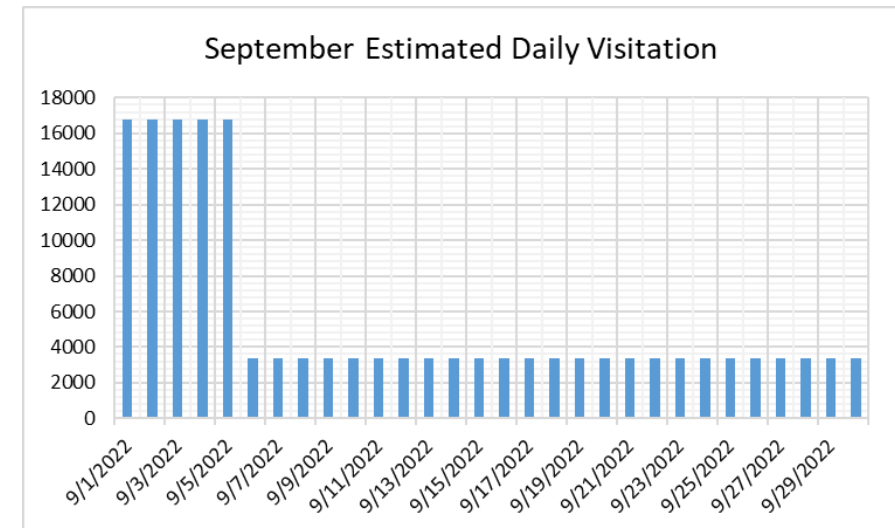
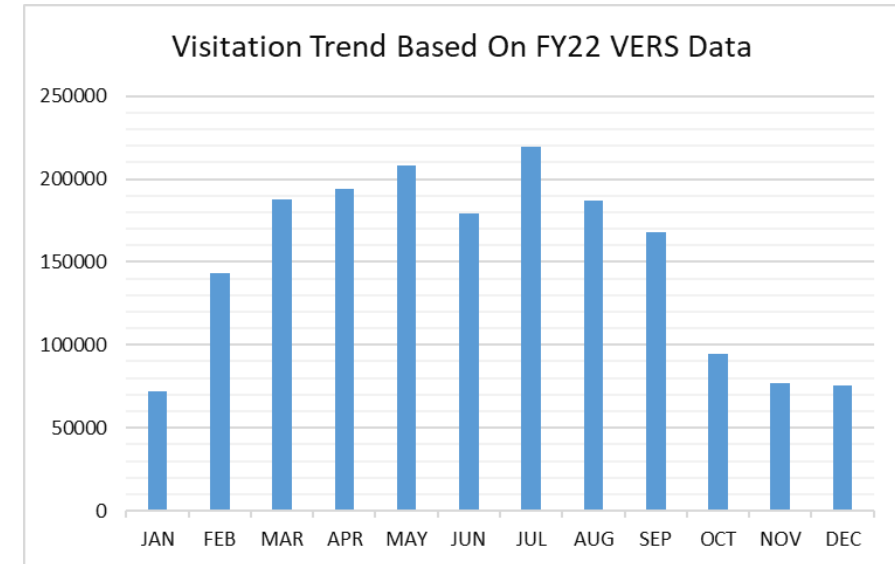
Drawdown Scenario	Begin Date	Target Date	Duration of Drawdown	End Date	Days at Target (Elev 626)	Elevation at Labor Day (4Sep2023)
Labor Day + 7	8/08/2023	10/08/2023	61	1/15/2024	100	631.0



RECREATION VISITATION DATA



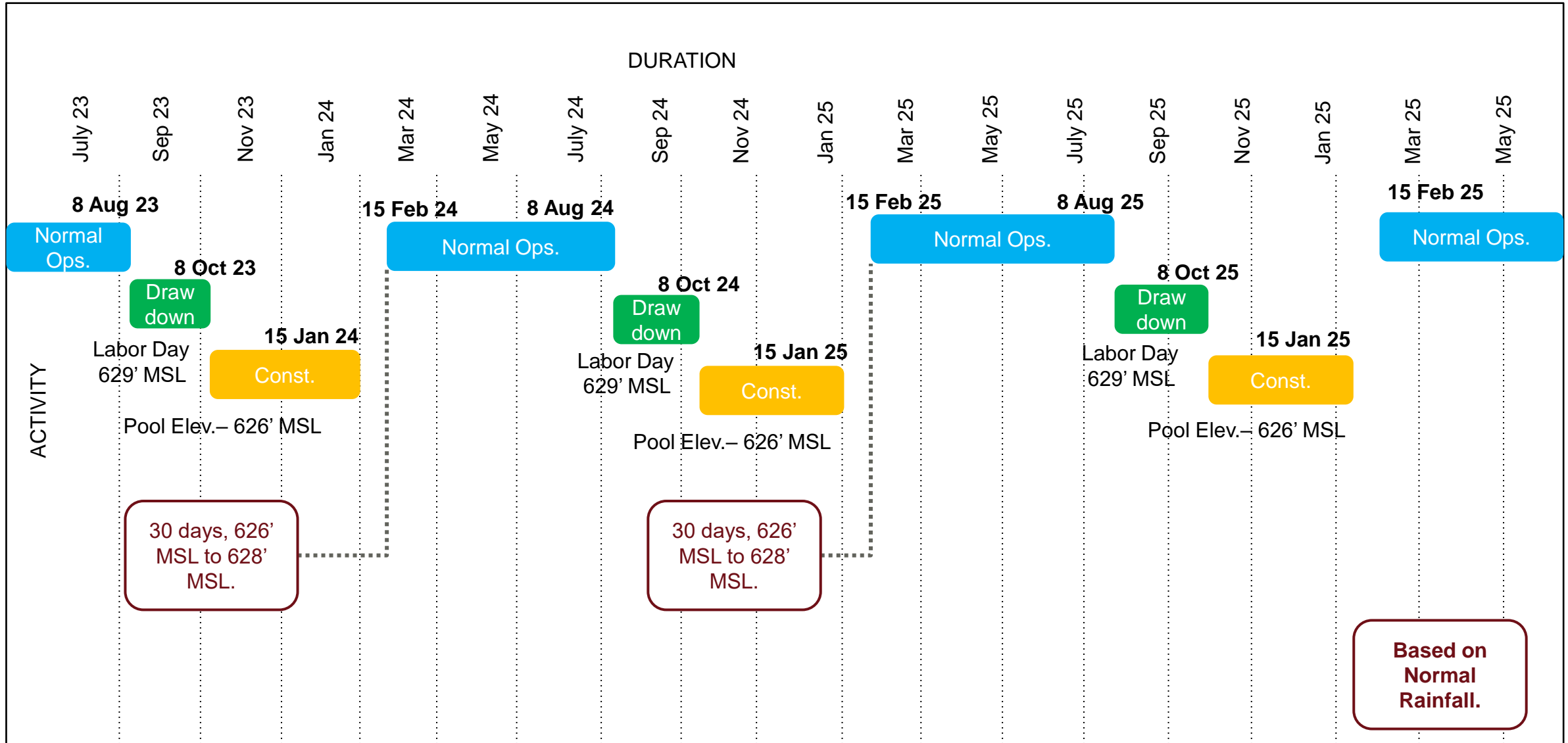
- Historically, visitation decreases after the 4th of July holiday.
- Visitation levels drop off significantly immediately following Labor Day.
- As a result of visitation trends, West Point Project seasonally closes two of its four campgrounds, all(3) swim beaches, and 60% of restroom facilities in Corps operated parks immediately following Labor Day.





WEST POINT DRAWDOWN, GEORGIA

LABOR DAY+7 CONSTRUCTION SCHEDULE



Working Today to Build a Better Tomorrow

Questions ?



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