

WEBBERS FALLS BARGE IMPACT

MAY 23, 2019

Society of American Military Engineers
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Military



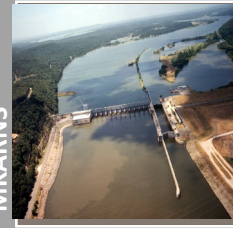
Multipurpose
Reservoirs



Hydropower



Interagency and
International
Support



MKARNS

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Discussion Topics

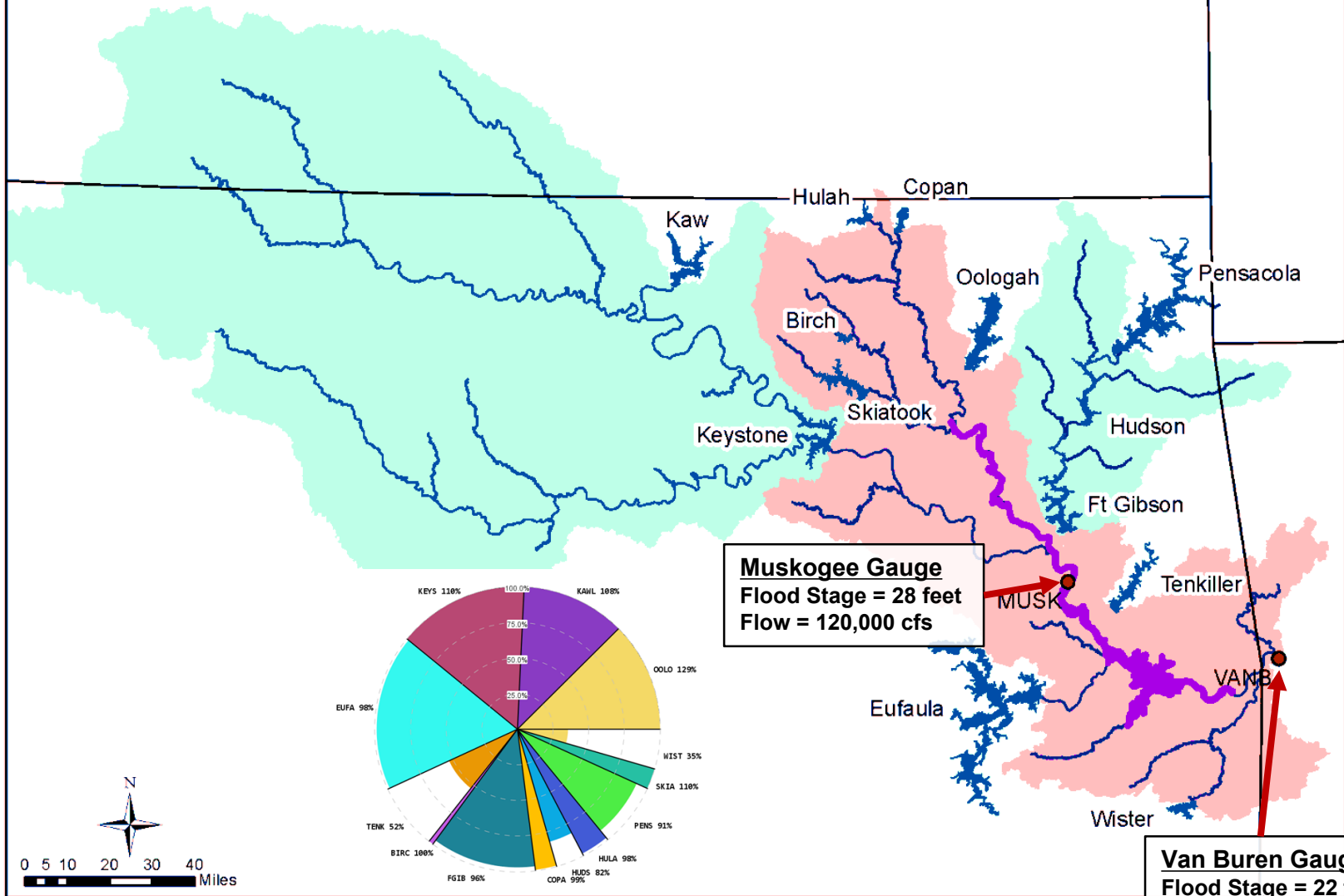
- System Conditions Prior to Impact
- Prep for barge removal; H&H challenges
 - Barges/Boats on pool 16
 - Moving salvage crew from Vicksburg to upstream of Lock 16
 - Downstream approach to Lock 16
 - Sediment blocking RM 222 - SWL
 - Depth of channel through pool 15
 - Is there enough flood water to maintain navigability for salvage crew and dredges?
- Impacts of Webbers Falls draw down
 - Access to municipal and industrial water supply
 - Removal of flood water from slopes
 - Hydropower



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Arkansas River System



Muskogee Gauge
 Flood Stage = 28 feet
 Flow = 120,000 cfs

Van Buren Gauge
 Flood Stage = 22 feet
 Flow = 150,000 cfs

SYSTEM CONDITIONS MAY 22, 2019

THE FULL PIE IS 5,946,075.2 ac-ft OR 78%

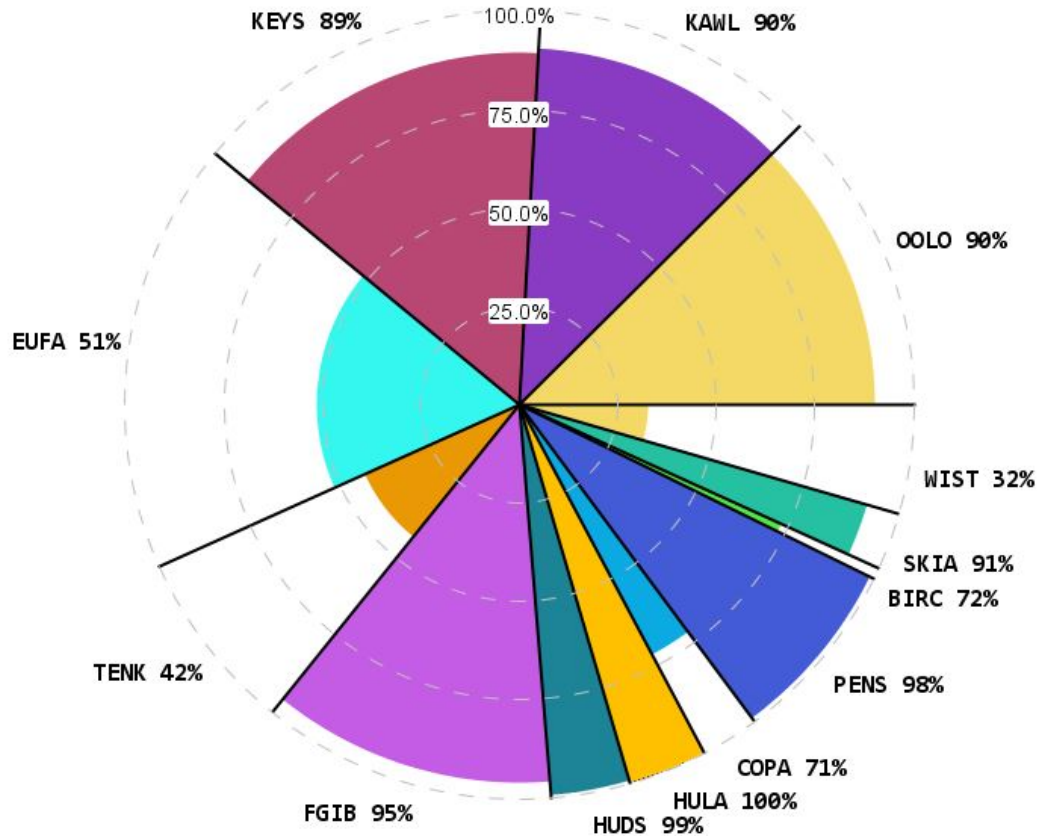


IMAGE DATE: Wed May 22 08:00:00 CDT 2019



SYSTEM CONDITIONS MAY 23, 2019

THE FULL PIE IS 6,404,740.4 ac-ft OR 84%

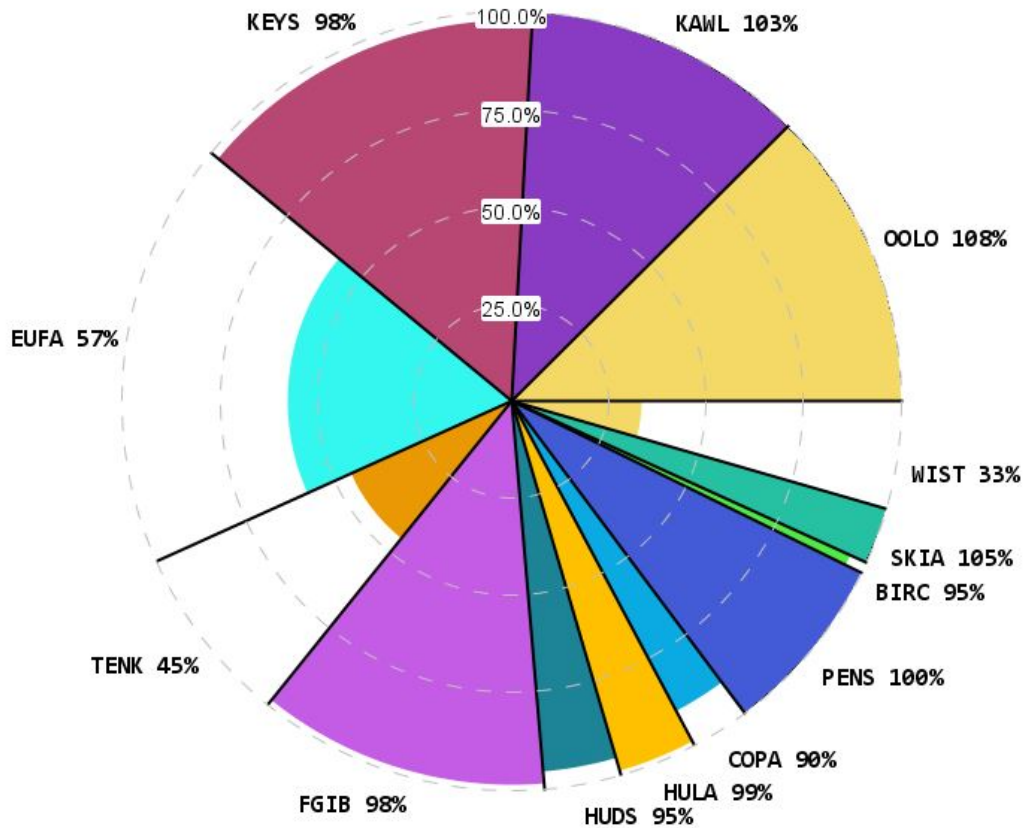
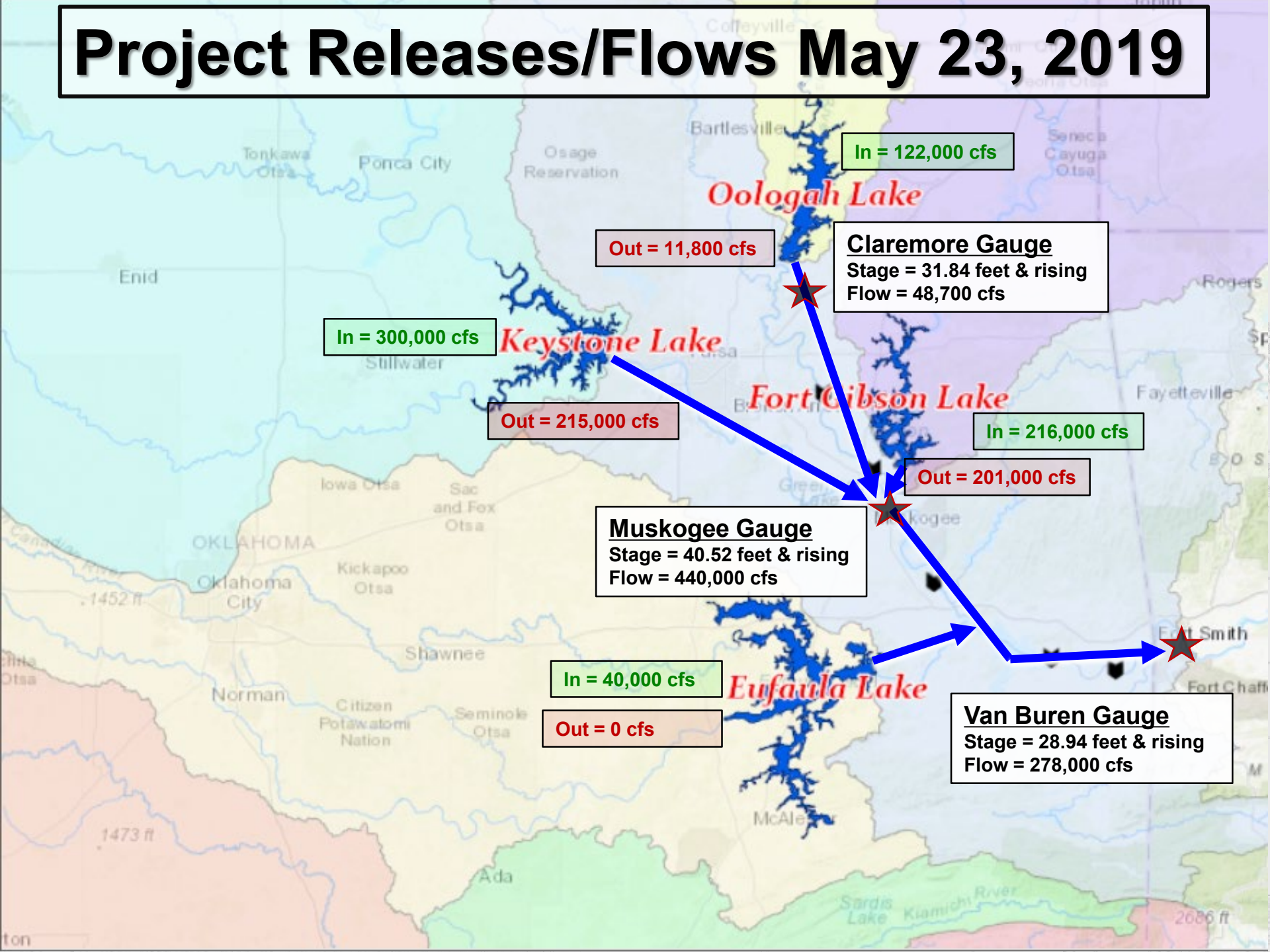


IMAGE DATE: Thu May 23 08:00:00 CDT 2019



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Project Releases/Flows May 23, 2019



July 22: RS Kerr pool raised 1.5 feet

July 25: SWL raises Dardanelle Pool (RM 222)

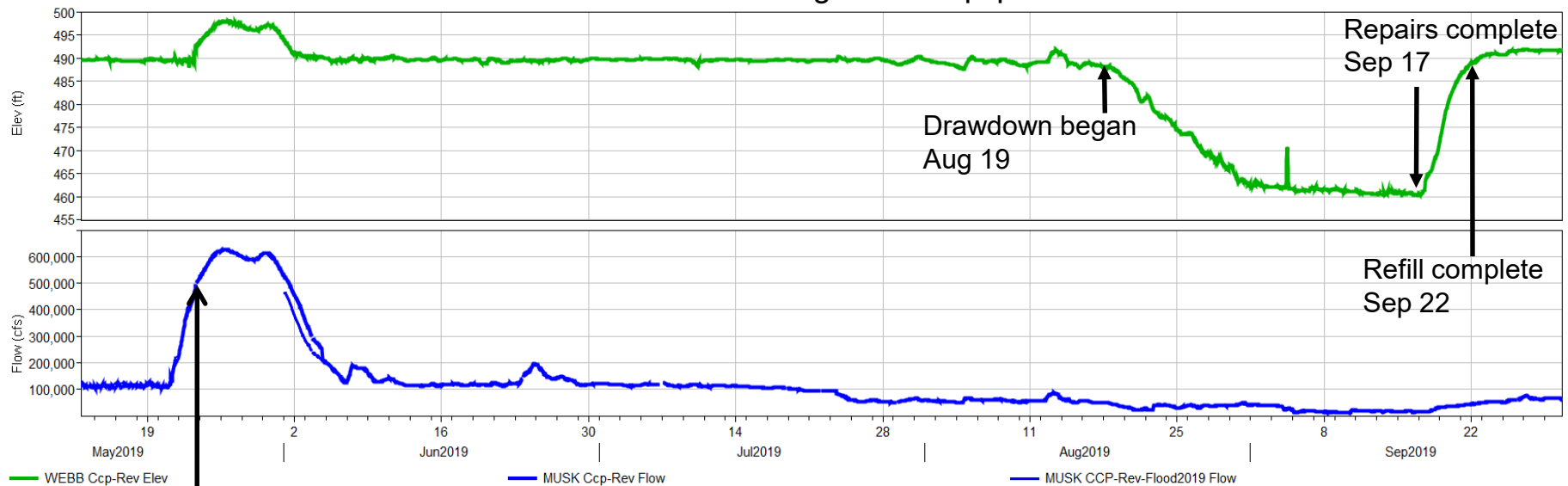
July 23: Dredge U/S on Verdigris arrives at LD16

Aug 13: Move all Barges/boats off Pool 16

July 24: Dredge D/S leaves Ft. Smith
Salvage crew leaves Vicksburg

Aug 15: Address issues caused by pool draw down

Aug 16: All equipment on site at Webbers Falls



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