

# Continued Water Supply Emergency



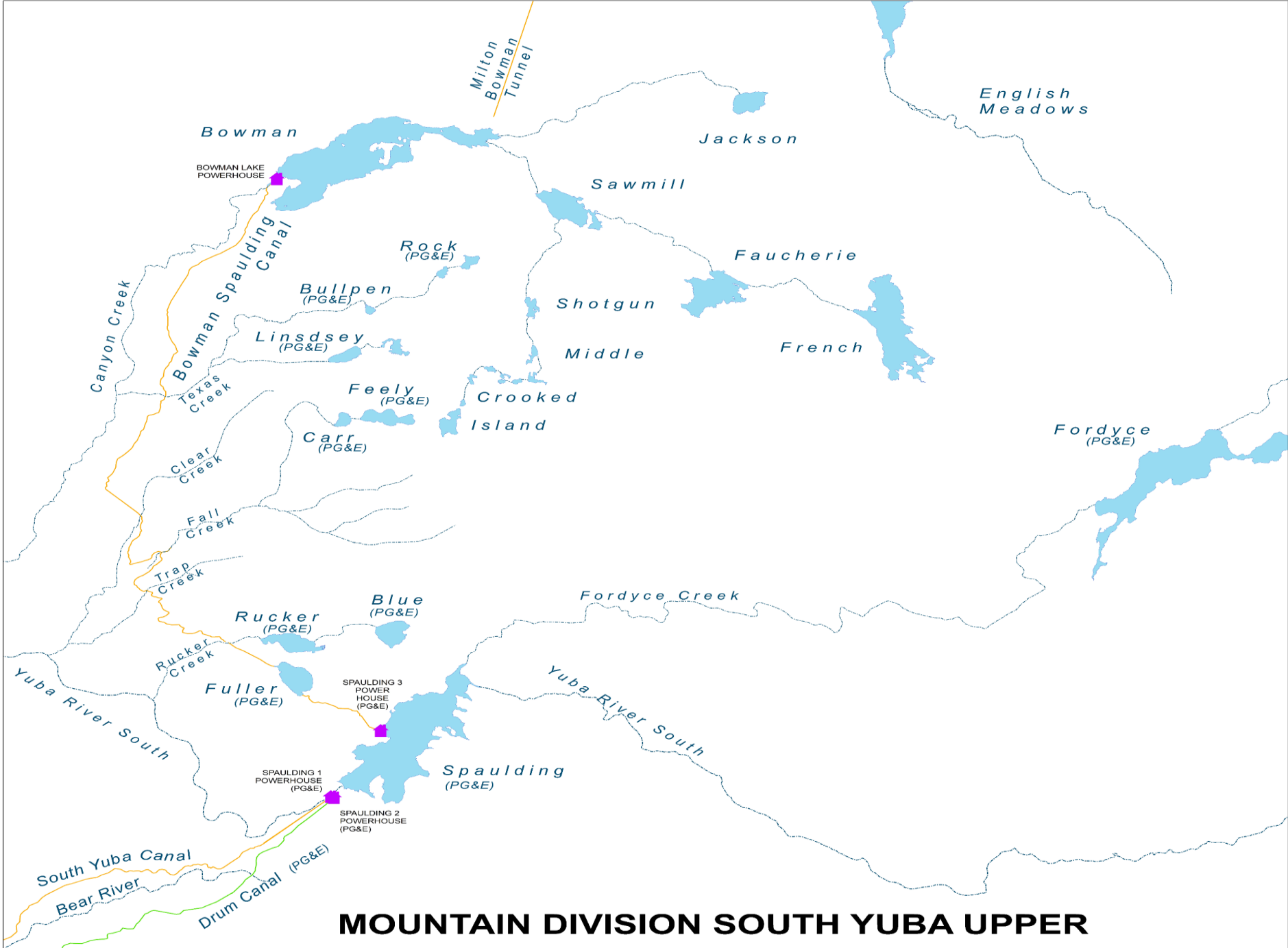
**NIFC**

# South Yuba Pipeline Damage February 2024

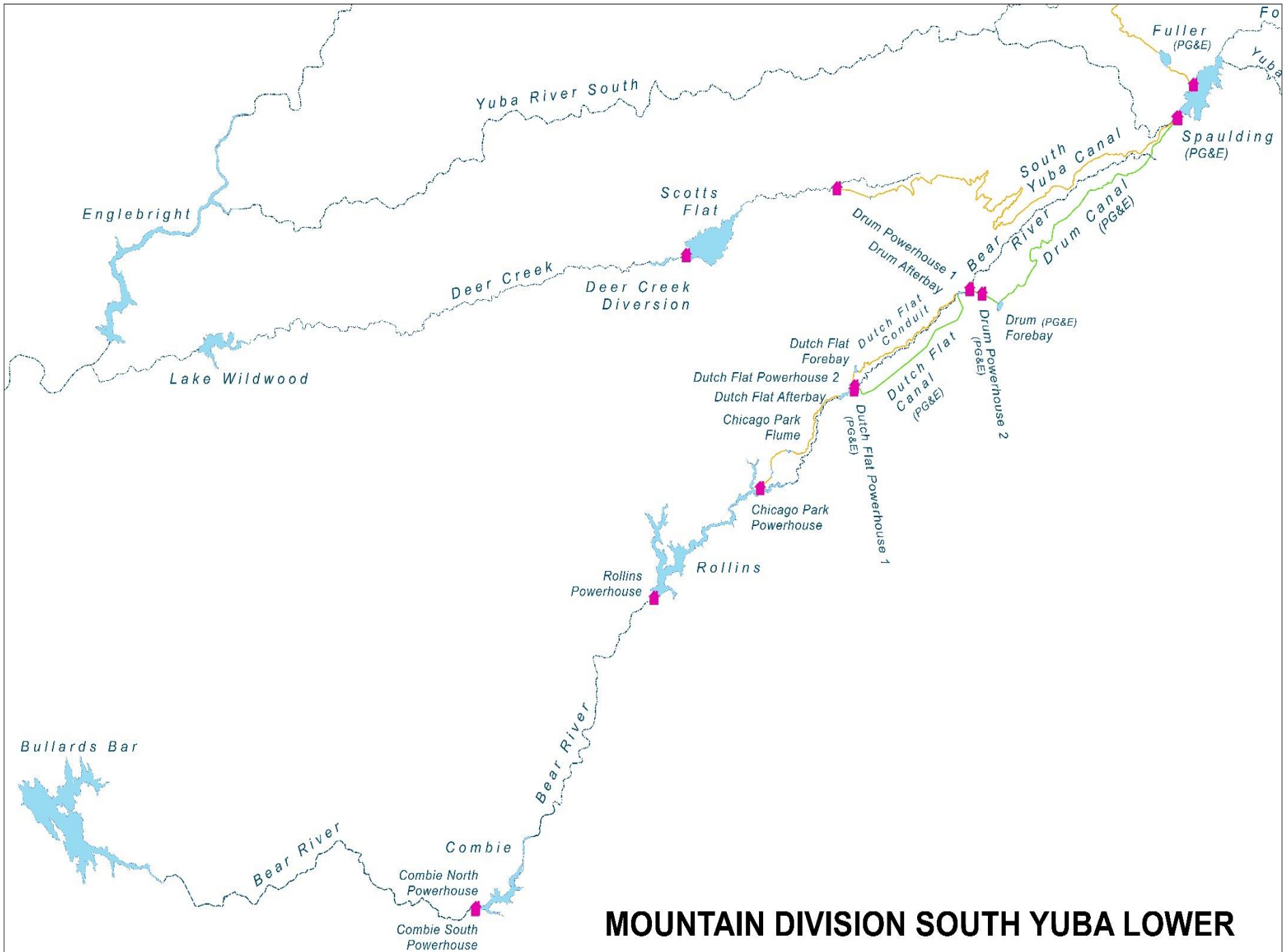


# Spaulding 1 & 2 Damaged March 2024





# MOUNTAIN DIVISION SOUTH YUBA UPPER



**MOUNTAIN DIVISION SOUTH YUBA LOWER**

# 2024 PG&E Repair Timeline

Partial repairs to Spaulding 1 complete in July

- Only allowed for limited flows to both SYC (Scotts Flat) and Rollins
- PG&E informed NID that full repairs would take a second outage next year

Repairs to the South Yuba Pipeline completed early Aug.

- Still no flow available through this section due to ongoing Spaulding 2 outage

Spaulding 2 out of service & waiting for parts

- PG&E expected repairs to occur in the winter months of 2024/2025
- Crews working on a bypass

PG&E  
SOUTH  
YUBA  
CANAL  
REPAIRS



# PG&E SOUTH YUBA CANAL REPAIRS







4/6/24  
11028 Lake Sp  
Nevada City

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NID, PG&E, and PCWA  
continue to meet weekly

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Discussed if current hydrology  
supported second outage

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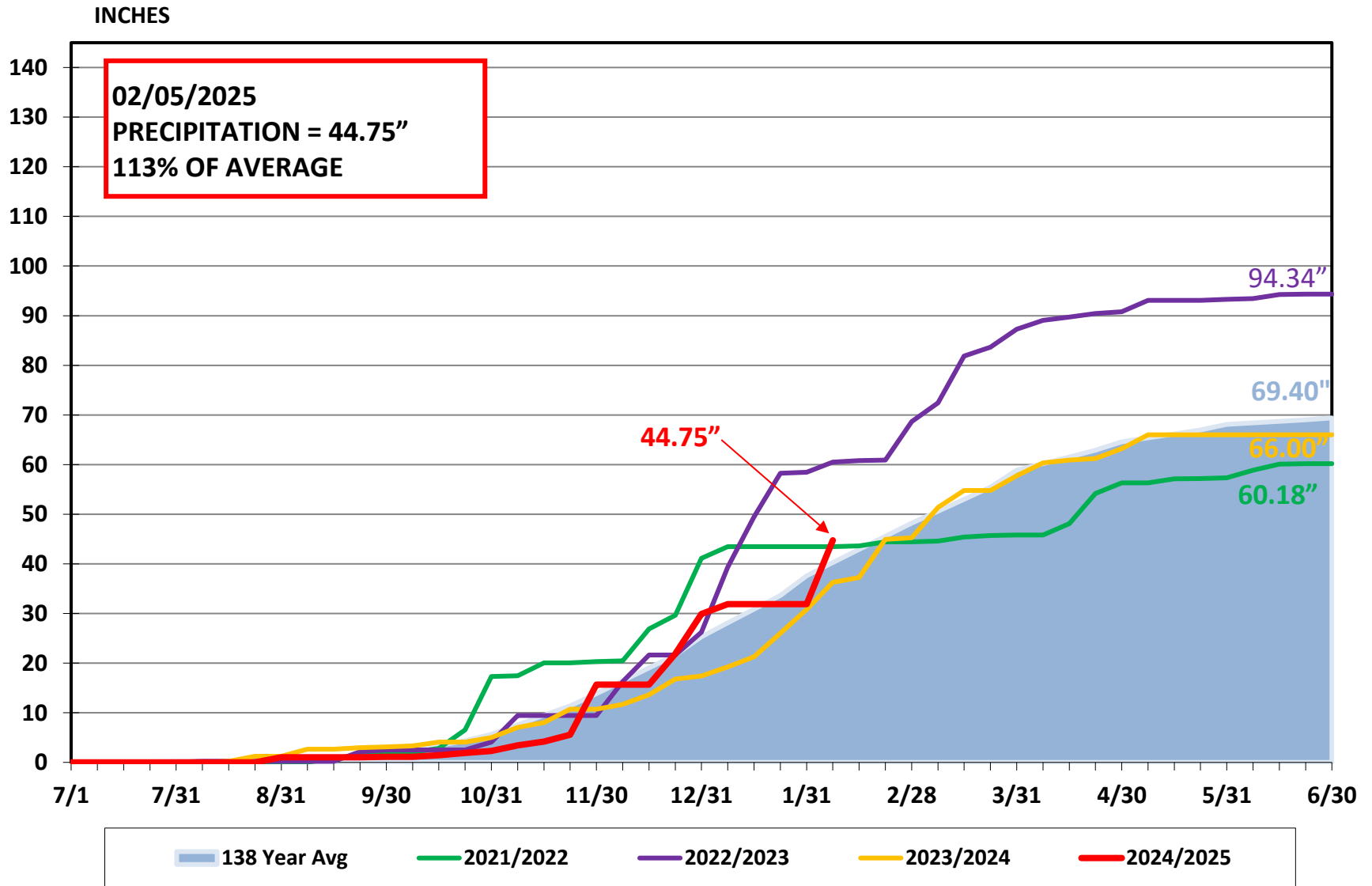
Wet December and February  
have filled Rollins and Scotts

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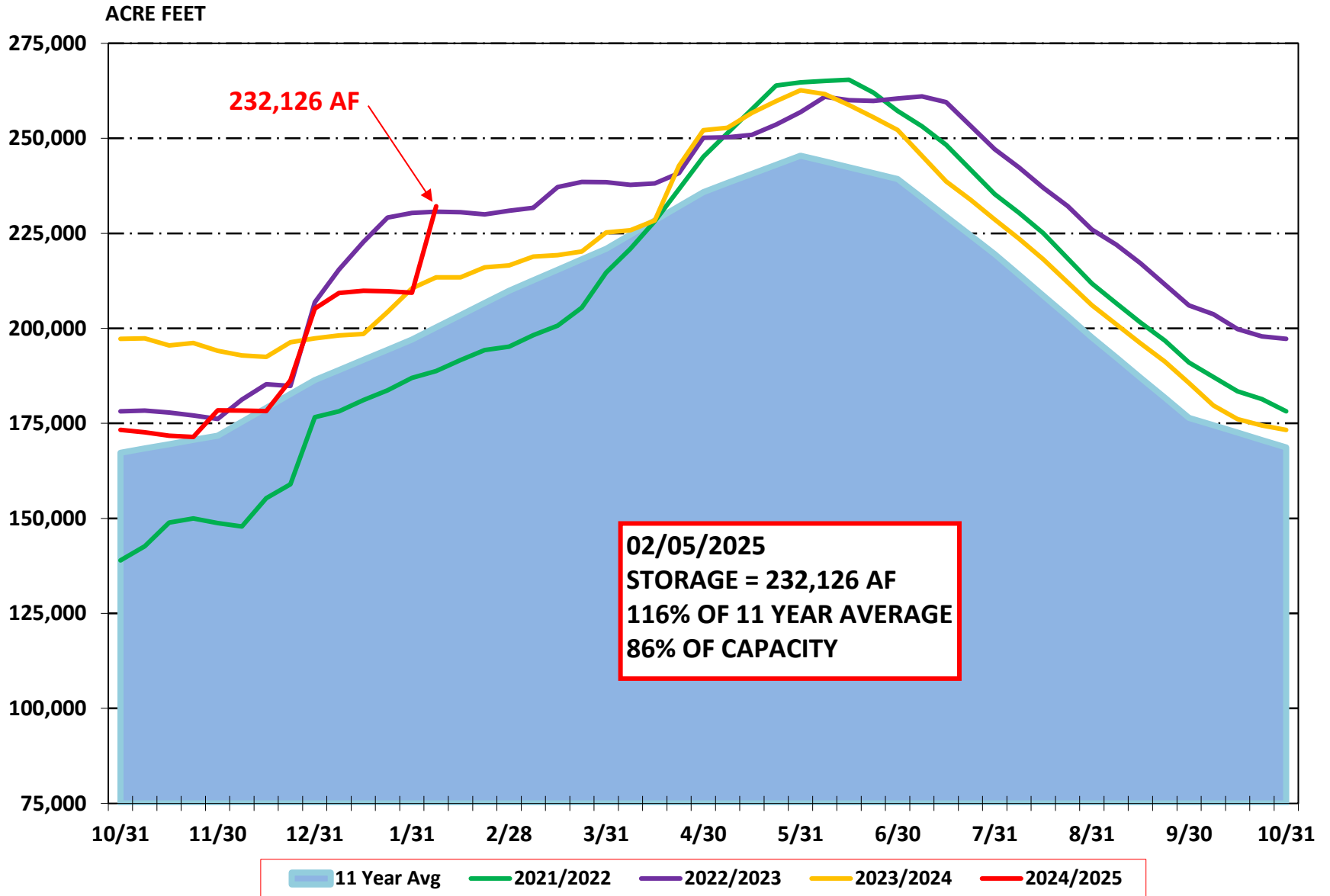
This supports moving forward  
with second round of repairs  
for Spaulding 1 horns

# STATUS for 2025

# BOWMAN LAKE PRECIPITATION



# NID RESERVOIR STORAGE



# Anticipated 2025 Outage Timing

## Spaulding 1 Horn B repairs to begin March 3, 2025

- Work anticipated to continue through August 2, 2025
- PG&E expects limited flows available once testing starts (tentatively late June)

## Spaulding 2 Repairs

- Repairs to the powerhouse not expected until 2026 or 2027
- PG&E crews have designed and installed a bypass around the powerhouse
- Bypass intended to allow limited flows into the SYC
- Bypass is still undergoing flow testing
- Bypass is critical to minimizing rotating canal outages later in the season

# 2025 SPA 1 Outage Affects to Rollins

## Worst Case Scenario (Spaulding 1 flows return Aug 2)

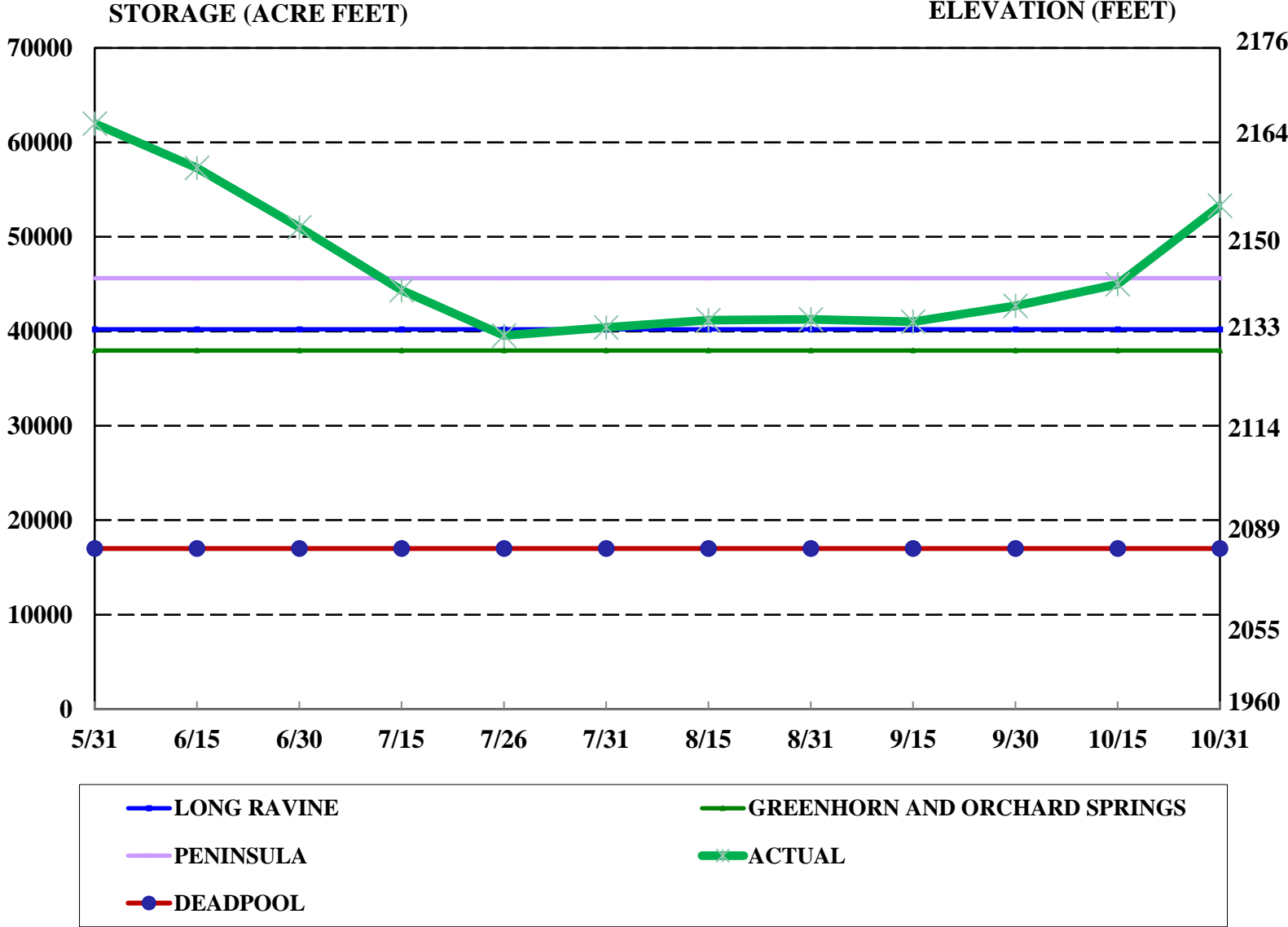
- Rollins expected to drop below 30,000af by August (Deadpool @ 17K)
- Maximum purchase of PG&E water to reserve supply in Rollins
- Potential for rotating canal outages may be necessary in August
- Boating and recreation unavailable in mid to late July

## Best Case Scenario (Spaulding 1 limited flow end of June)

- Rollins expect to drop to elevations similar to 2024 elevations
- Purchase of PG&E water required but to a lesser extent
- Potential to sustain Rollins elevation to keep three boat ramps operational
- Rotating canal outages will likely be avoided

# ROLLINS RESERVOIR

## 2024 STORAGE



# 2025 SPA 2 Outage Affects to Scotts Flat

## Worst Case Scenario (no Spaulding 2 bypass)

- Scotts Flat drops to elevations witnessed last year
- Maximum emergency pumping necessary
- Rotating canal outages necessary beginning in late June
- Boating and recreation become limited later in summer

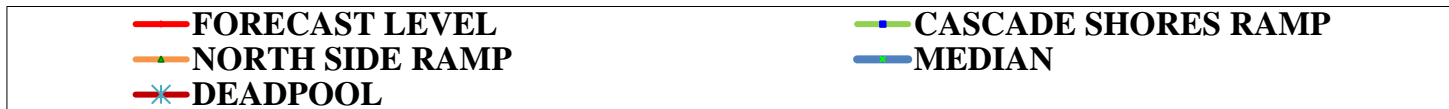
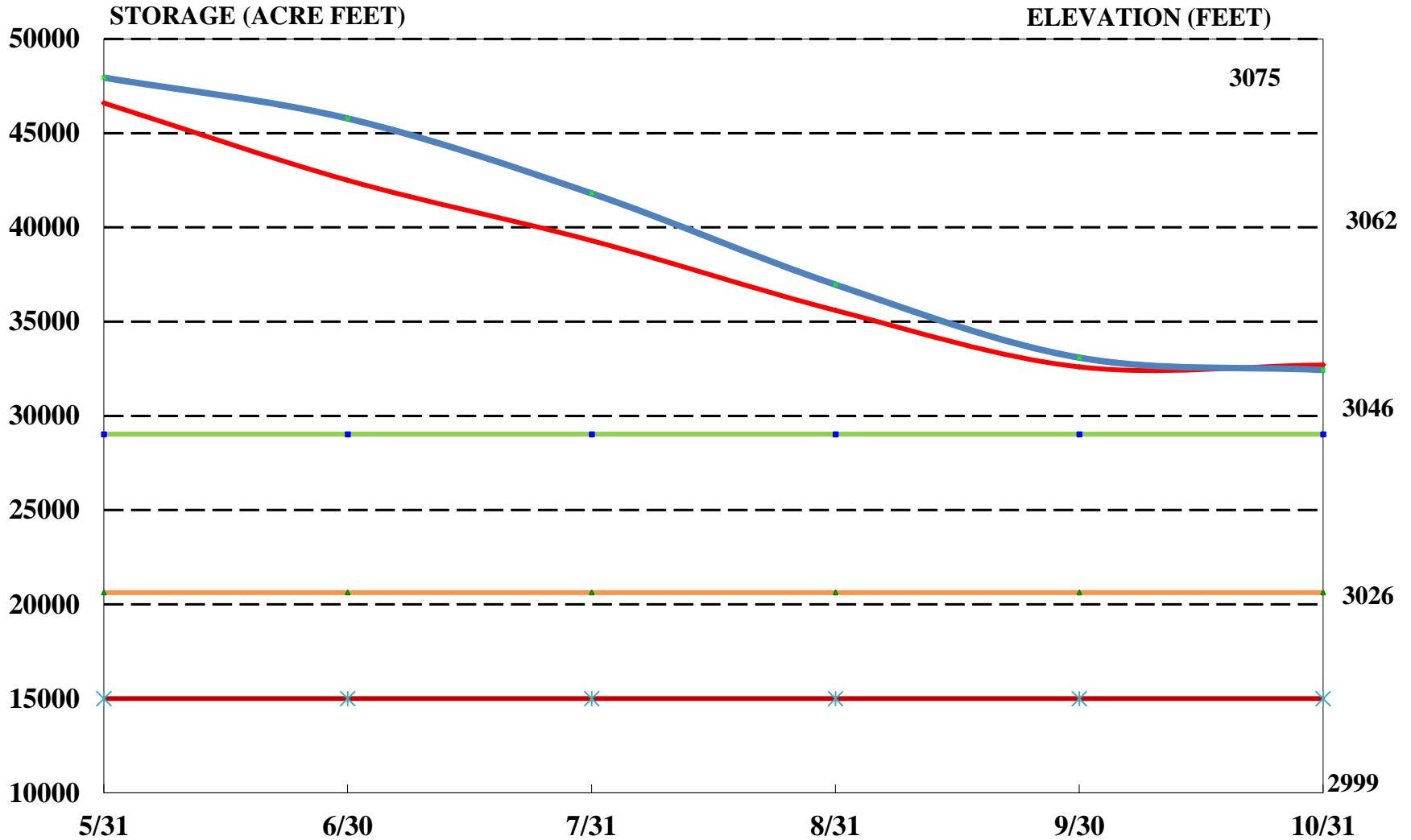
## Best Case Scenario (Spaulding 2 bypass at 70 CFS)

- Lake levels will continue to drop, however at a much slower pace
- Spa 1 tie-in may force short canal rotations depending on flow availability
- Emergency pumping will still be required
- Recreation should have adequate supplies for a full season



# SCOTT'S FLAT RESERVOIR (with bypass)

## 2025 Forecast



# Continued Emergency Declaration Actions

- Resolution 2024-10 (Adopted 3/27/2024)
  - Initial declaration of emergency
  - Appointed GM to take actions to mitigate emergency
  - New or increased raw water connections on hold until emergency over
  - No fall water availability
- Resolution 2024-23 (Adopted 6/12/2024)
  - Established the framework for rotating canal outages
  - Goal is to limit outages to 3 days
  - May need to expand beyond those listed in the resolution

# Continued Emergency Declaration Actions

- Resolution 2024-26 (Adopted 6/26/2024)
  - Enacted portions of the Districts' Drought Contingency plan
  - Established mandatory 20% conservation measures for treated and raw
    - Accomplished through limiting ornamental landscape watering to 3 days a week
  - Included a list of prohibited actions through duration of emergency
- Resolution 2025-12 (today's resolution)
  - Extends the previous emergency resolutions through the duration of repairs
  - No surplus available outside of water right boundaries until repairs are complete
  - Voluntary reductions from 2024 are appreciated and will remain in place
    - Reductions are recorded and will hold their priority once emergency is over