

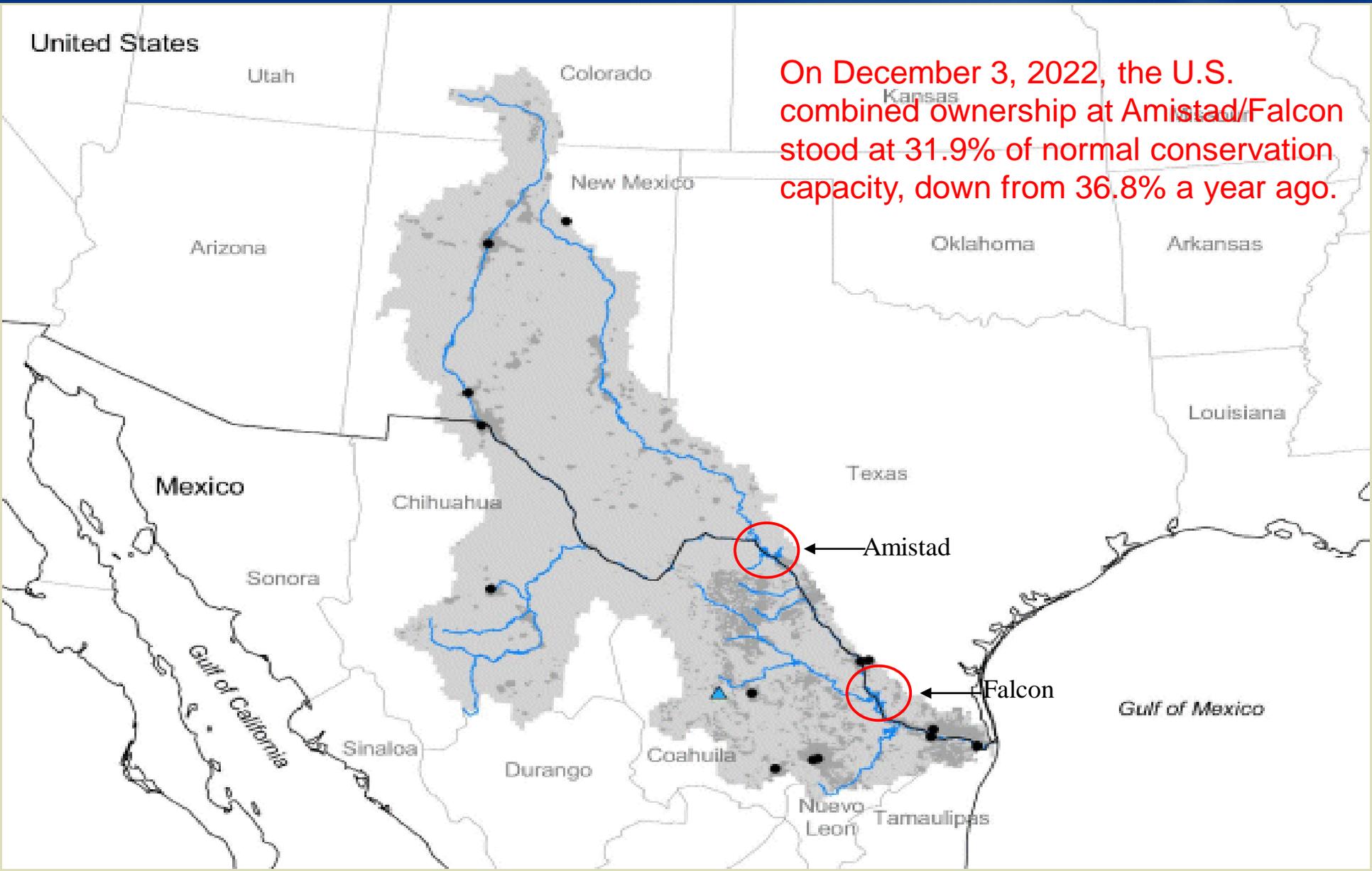


# Drought Update

*Brownsville Public Utilities Board Meeting*

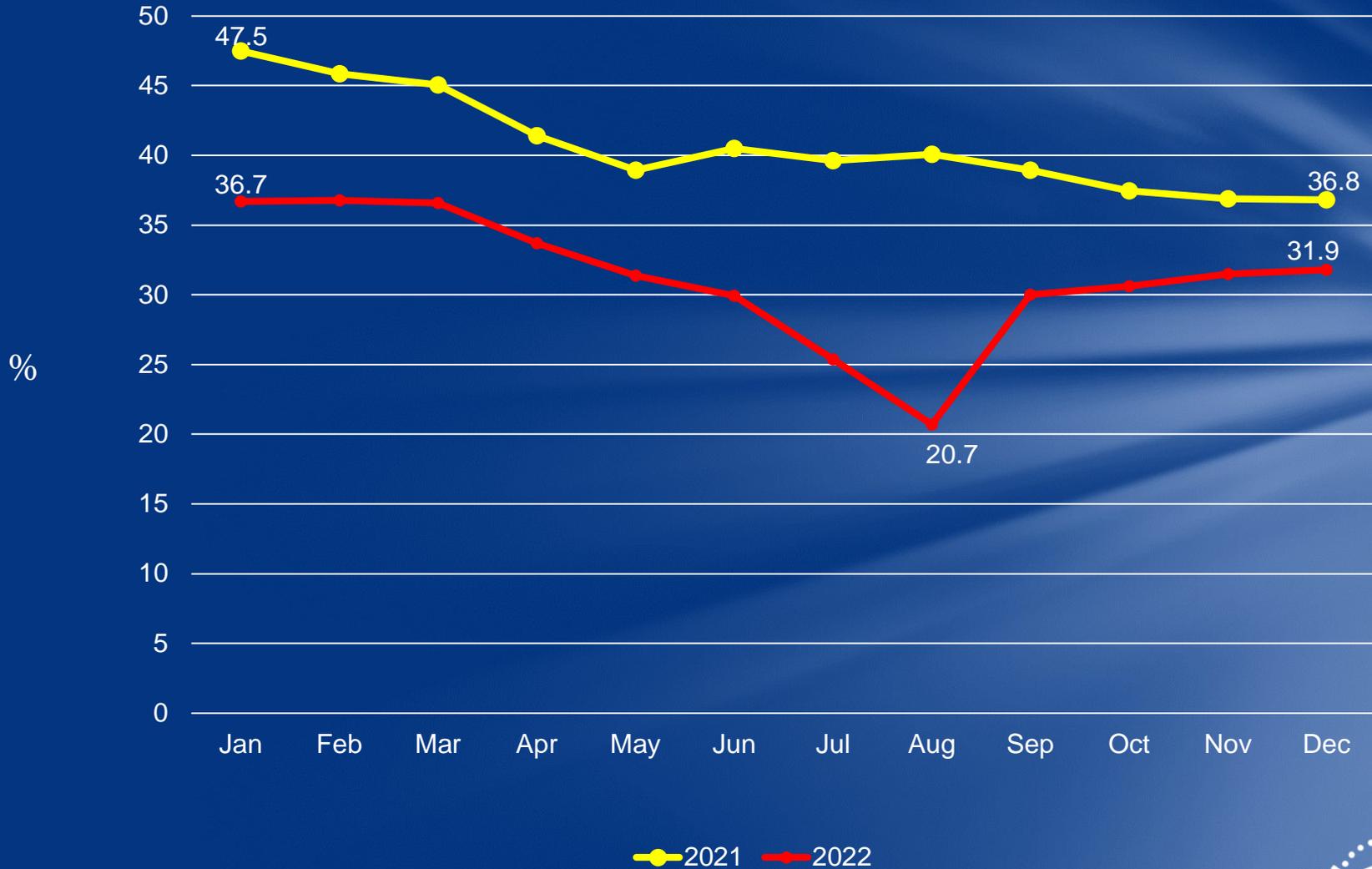
*December 12, 2022*

# Rio Grande Watershed



On December 3, 2022, the U.S. combined ownership at Amistad/Falcon stood at 31.9% of normal conservation capacity, down from 36.8% a year ago.

# U.S. Combined Ownership at Amistad/Falcon

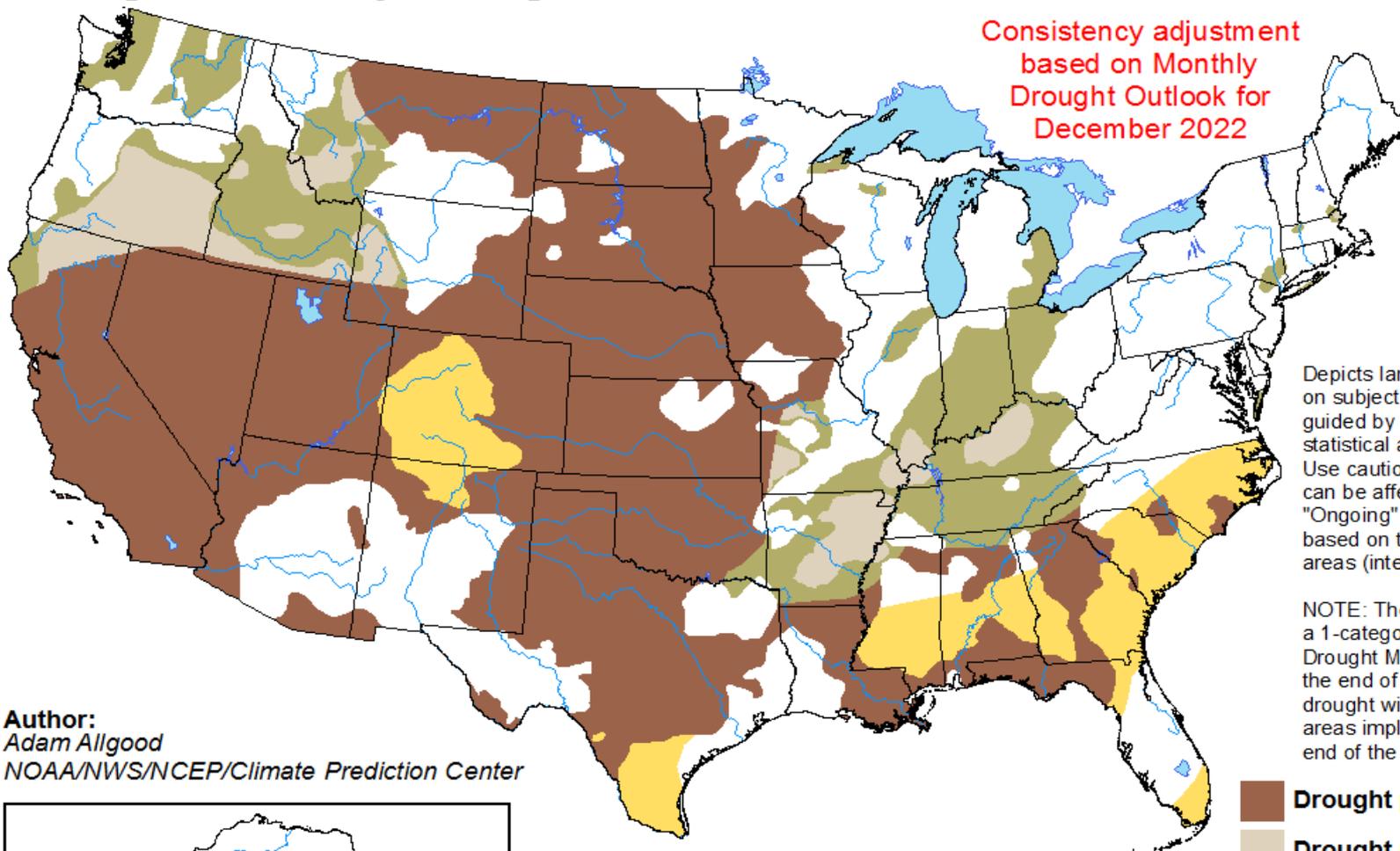


# U.S. Seasonal Drought Outlook

## Drought Tendency During the Valid Period

Valid for December 1, 2022 - February 28, 2023  
Released November 30, 2022

Consistency adjustment  
based on Monthly  
Drought Outlook for  
December 2022

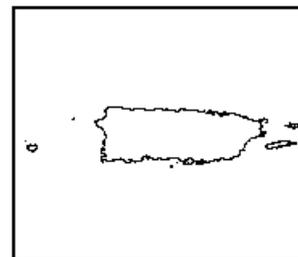
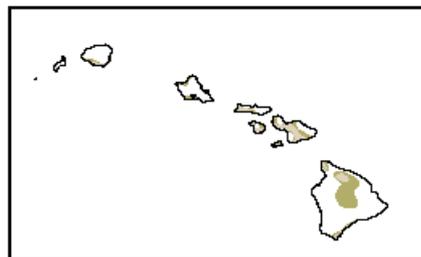
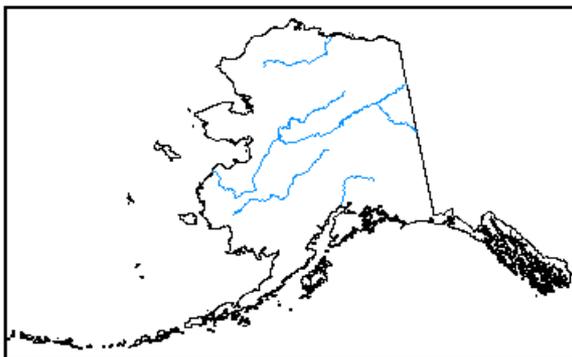


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:  
Adam Allgood  
NOAA/NWS/NCEP/Climate Prediction Center

-  Drought persists
-  Drought remains but improves
-  Drought removal likely
-  Drought development likely



<http://go.usa.gov/3eZ73>

# Drought Response Stages

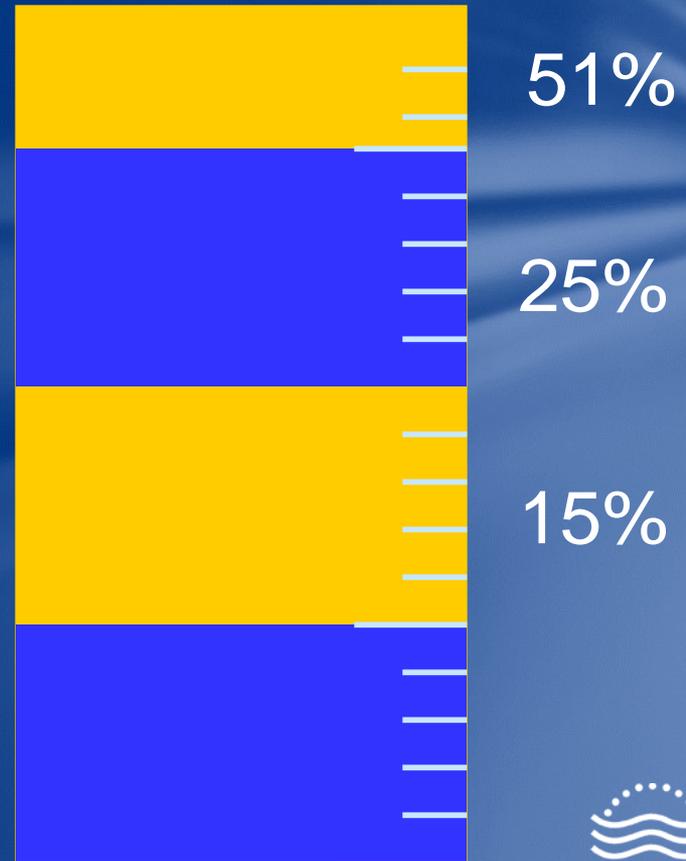
U.S. Combined Falcon Dam and Amistad Reservoirs' Storage

Stage 1 – Voluntary

Stage 2 – Restrictions

Stage 3 – Surcharges

Stage 4 – Rationing



On December 3, 2022, the U.S. combined ownership at Amistad/Falcon stood at 31.9%

# Authority

- BPUB sets guidelines and criteria for implementation of the stages
- BPUB GM/CEO and Brownsville Mayor initiate and terminate each stage



# Stage 2 – Guidelines for Initiation

- U.S. water stored in reservoirs reaches 25%
- Annual allotment may be exhausted
- Loss of capability to provide service due to line break, pump failure or system failure
- Peak demands are nearing capacity levels and place strain on the system
- Contamination of water supply or transmission system may result in loss of capability to provide service



# Stage 2 – Guidelines for Termination

Stage 2 may be rescinded when the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days.

\* When Stage 2 is rescinded, Stage 1 remains operative unless also rescinded.

ANY  
QUESTIONS  
?

**Rene Mariscal**

Water Resources Manager

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PUBLIC UTILITIES BOARD