



Authorization of 2024 Interruptible Water

***Presented by
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Water Services Manager***

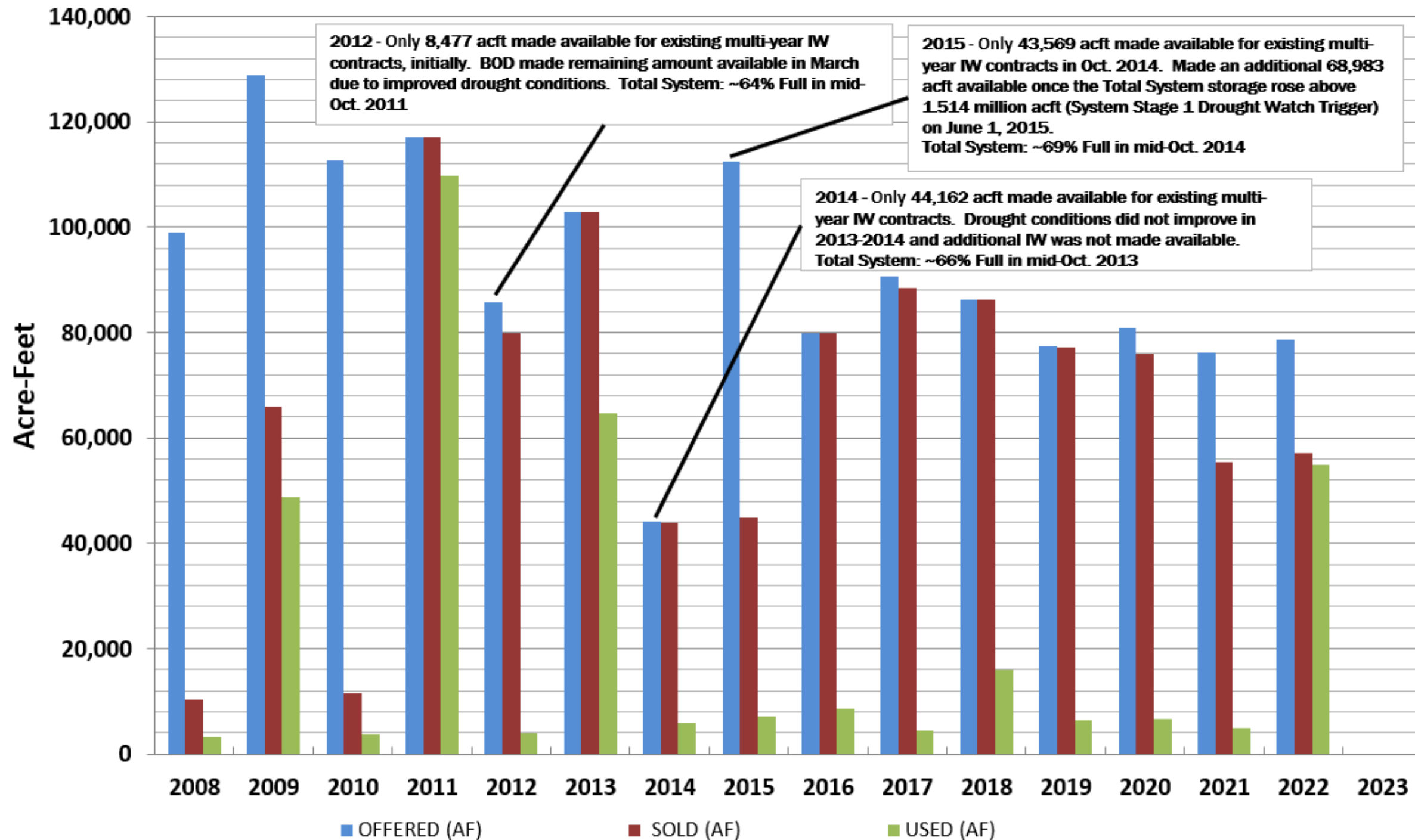


What is Interruptible Water?

- **Firm water from reservoirs not used in the previous year**
- **Amount available varies from year to year depending on past water usage**
- **Availability established annually by the Board**
- **Sold at System Rate (Ag Rate for irrigation)**
- **Began supplying in 2008**



Interruptible Water 2008 - 2023





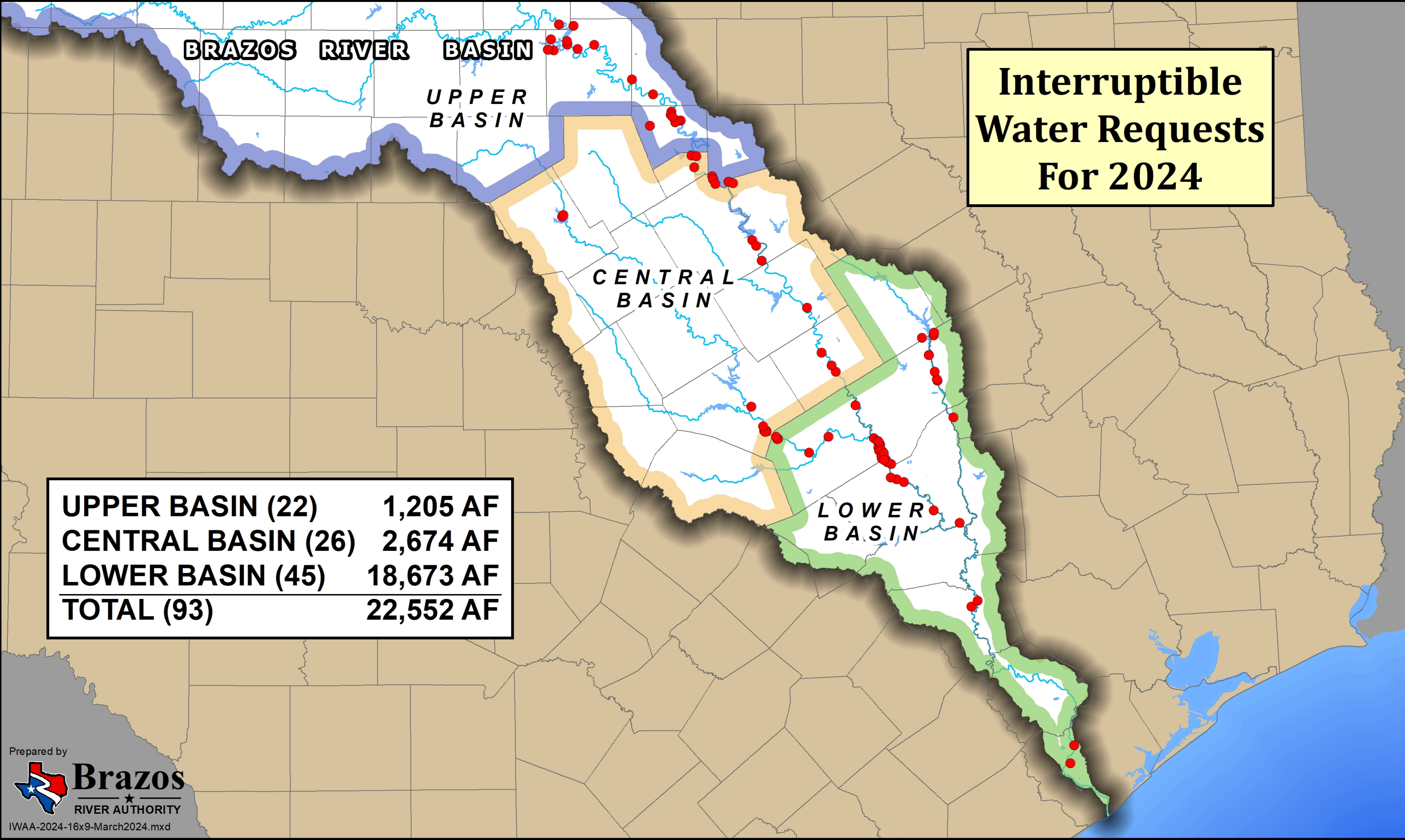
Updated Interruptible Water Availability by Segment

RESERVOIR	2024 Available IW
	(ACFT)
POSSUM KINGDOM GRANBURY WHITNEY	32,049
AQUILLA	1,061
SOMERVILLE	4,307
LIMESTONE	4,496
*SYSTEM TOTAL:	41,913

*Excludes the Little River reservoir sub-system



Interruptible Water Requests For 2024



UPPER BASIN (22)	1,205 AF
CENTRAL BASIN (26)	2,674 AF
LOWER BASIN (45)	18,673 AF
TOTAL (93)	22,552 AF

Prepared by

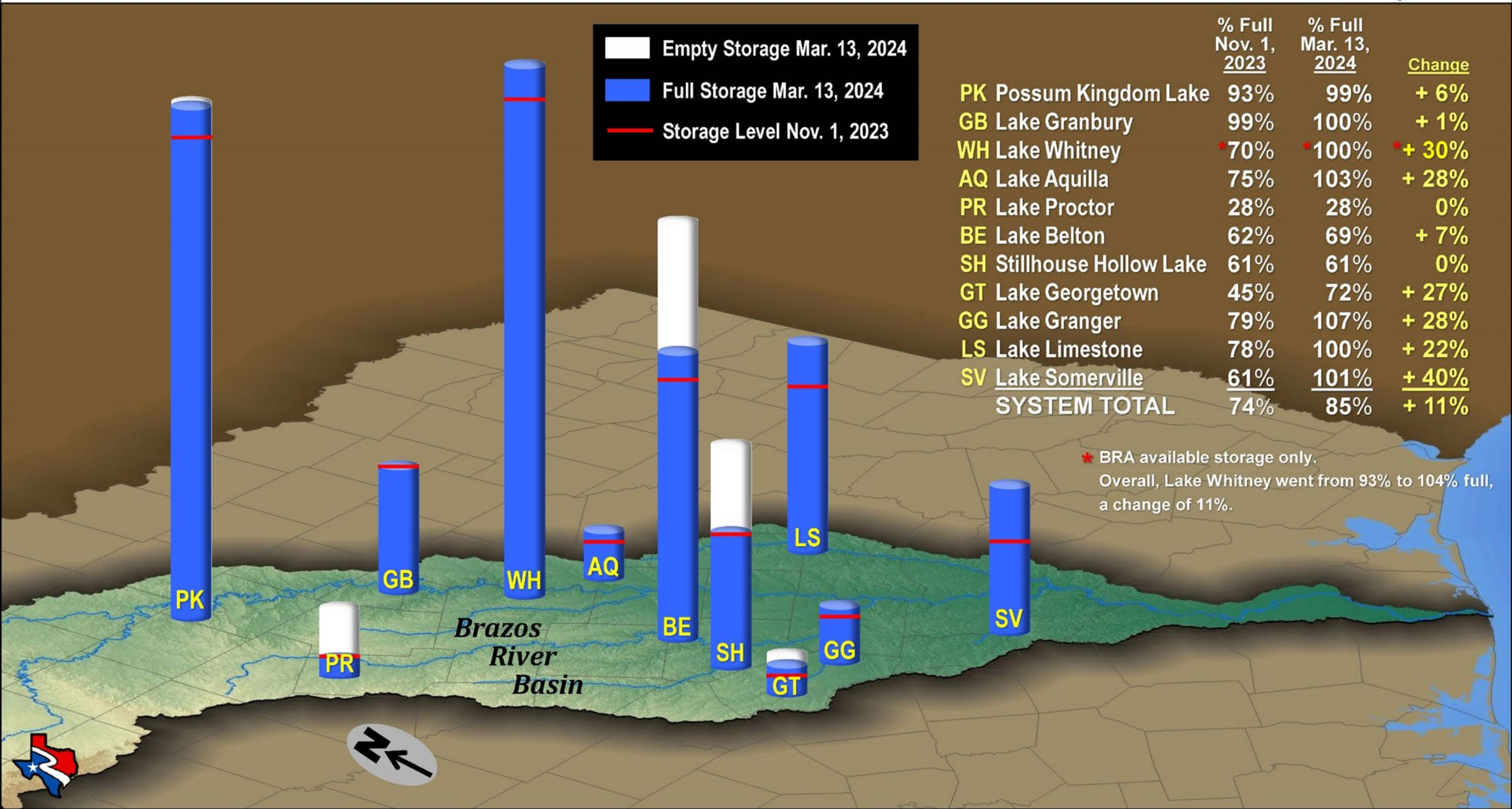


Reservoir Capacity "PERCENT FULL" : Comparing November 1, 2023 to March 13, 2024

Empty Storage Mar. 13, 2024
 Full Storage Mar. 13, 2024
 Storage Level Nov. 1, 2023

	% Full Nov. 1, 2023	% Full Mar. 13, 2024	Change
PK Possum Kingdom Lake	93%	99%	+ 6%
GB Lake Granbury	99%	100%	+ 1%
WH Lake Whitney	*70%	*100%	*+ 30%
AQ Lake Aquilla	75%	103%	+ 28%
PR Lake Proctor	28%	28%	0%
BE Lake Belton	62%	69%	+ 7%
SH Stillhouse Hollow Lake	61%	61%	0%
GT Lake Georgetown	45%	72%	+ 27%
GG Lake Granger	79%	107%	+ 28%
LS Lake Limestone	78%	100%	+ 22%
SV Lake Somerville	61%	101%	+ 40%
SYSTEM TOTAL	74%	85%	+ 11%

* BRA available storage only.
 Overall, Lake Whitney went from 93% to 104% full, a change of 11%.





Factors to Consider

- **Observed Substantial Improvement in the Water Supply System Since November 2023**
 - **Total System now at 86% full**
 - **Storing over 1.65 million acre-feet across 11 reservoirs**
 - **Approximate 11% increase (over 210,000 acre-feet) since November 1, 2023**
- **Rescinded Stage 1 Drought Watch status for the Total System of 11 reservoirs last month**
- **Reservoirs outside of the Little River reservoir sub-system are either full or near full**
- **Little River Reservoir Sub-system**
 - **Lake Proctor remains in Stage 4 Pro Rata Curtailment**
 - **Lake Belton and the Lake Stillhouse Hollow – Georgetown Sub-system remain in Stage 2 Drought Warning**
 - **Inflows into the Lakes Proctor, Belton, Stillhouse Hollow, and Georgetown continue to be at historic lows**



Recommendations

- **Authorization of 2024 IW for the reservoirs and reservoir segments including Possum Kingdom-Lake Granbury-Lake Whitney reservoir sub-system, Lake Aquilla, Lake Somerville, and Lake Limestone**
 - **Using a safety factor of 0.25, the amount of IW calculated for 2024 is 41,913 acre-feet accounting for the exclusion of the Little River reservoir sub-system**



“WHEREAS, in accordance with the Brazos River Authority Interruptible Water Sale Procedure, the Board of Directors of the Brazos River Authority originally considered the authorization of 2024 Interruptible Water at its November 2023 Board Meeting, and

WHEREAS, due to continued drought conditions, exceptionally low reservoir inflows, the Stage 4 Pro Rata Curtailment declaration for Lake Proctor and the potential for additional Stage 3 Drought Emergency declarations in 2024, Interruptible Water was not authorized for sale in Calendar Year 2024, and

WHEREAS, the potential for the authorization of 2024 Interruptible Water at a later date was acknowledged at the November 2023 Board Meeting if drought conditions improved and inflow produced a significant increase in reservoir storage within the BRA water supply system during Calendar Year 2024, and



WHEREAS, substantial improvement in drought conditions has occurred across much of the basin, with reservoir storage increasing over 210,000 acre-feet since November 2023, and

WHEREAS, drought impacts continue within the Little River reservoir sub-system with Lake Belton and the Lake Stillhouse Hollow-Lake Georgetown sub-system in Stage 2 Drought Warning and Lake Proctor in Stage 4 Pro-Rata Curtailment.

NOW, THEREFORE, BE IT RESOLVED that no Interruptible Water Availability Agreements shall be authorized for diversion from the Little River reservoir sub-system (Lake Proctor, Lake Belton, Lake Stillhouse Hollow, Lake Georgetown, and Lake Granger) or from locations downstream of the reservoirs within the Little River reservoir sub-system to the confluence of the Little River and Brazos River.



BE IT FURTHER RESOLVED that, if drought conditions improve and inflows produce a significant increase in reservoir storage within the Little River reservoir sub-system during Calendar Year 2024, the authorization of Interruptible Water within the Little River reservoir sub-system may be presented to the Board for consideration at a later date.

BE IT FURTHER RESOLVED that the Board of Directors of the Brazos River Authority hereby approves a Safety Factor of 0.25 for use in determining the amounts of Interruptible Water to make available in calendar year 2024.

BE IT FURTHER RESOLVED that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to make up to 41,913 acre-feet of Interruptible Water available for calendar year 2024.”



Brazos River Authority



Brazos



RIVER AUTHORITY