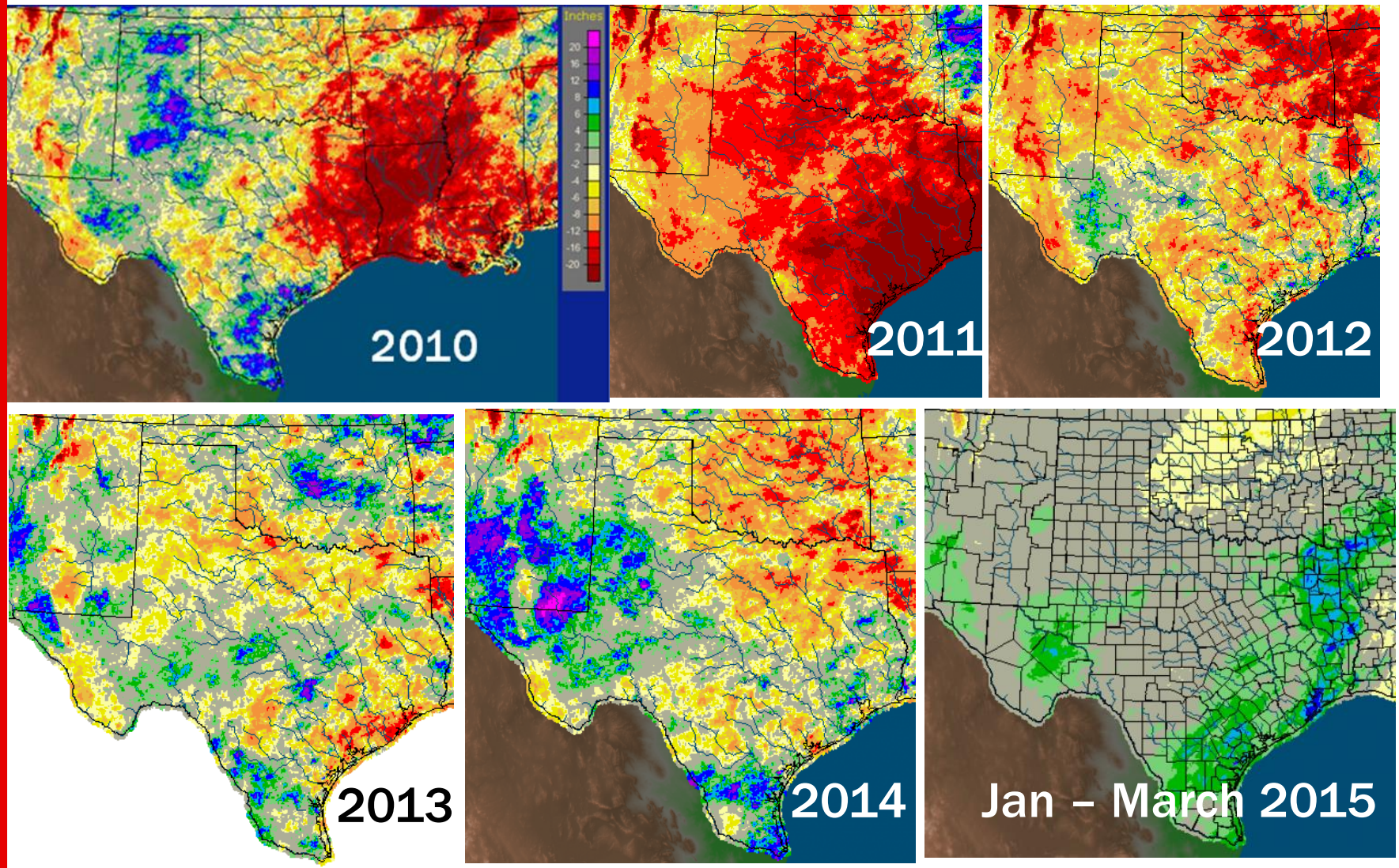
Brazos River Authority

Drought Update

Photo: Brazos River at Seymour – August 3, 2011

Brazos River Authority

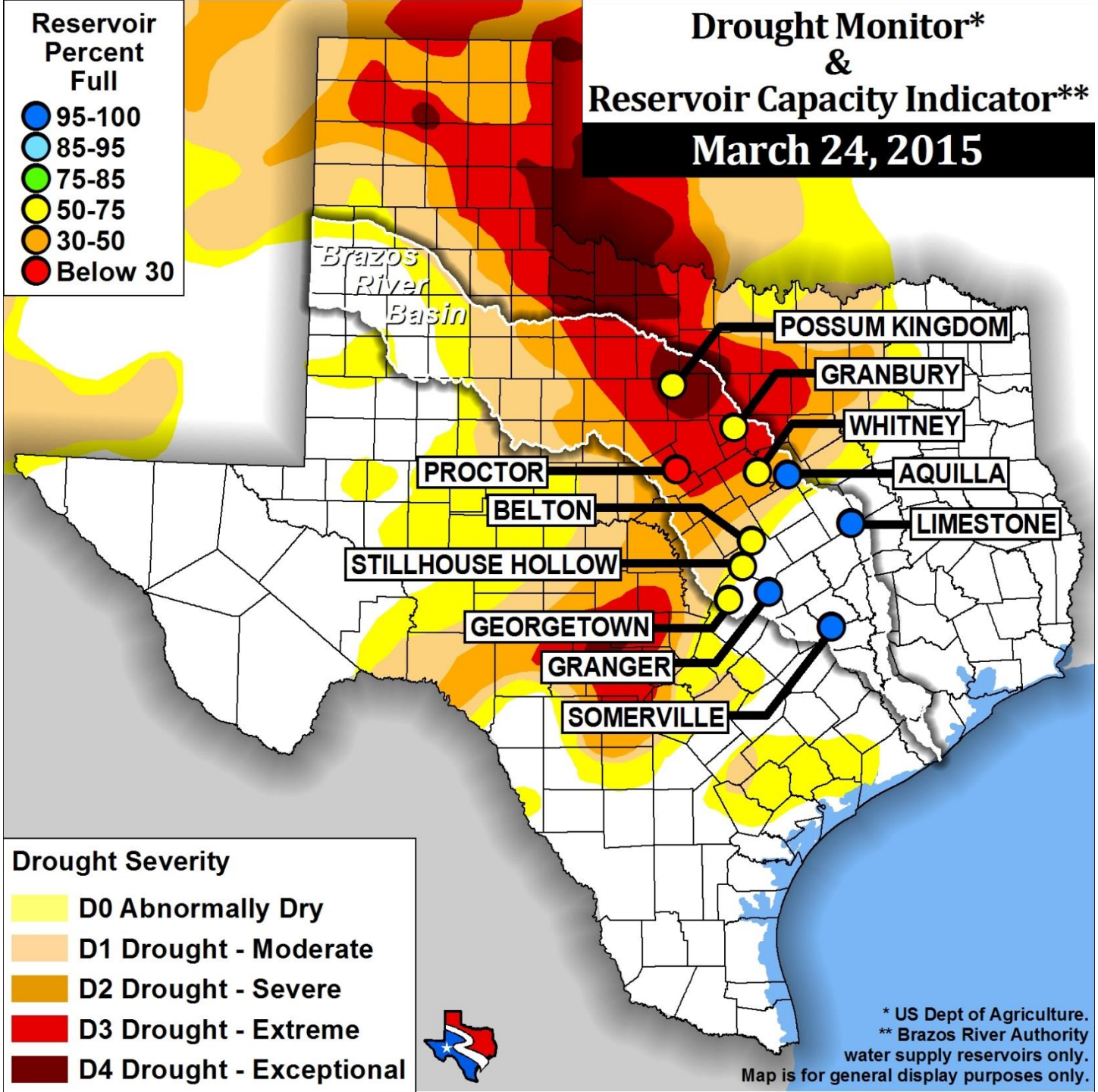
Departure from Normal Rainfall



Brazos River Authority

Drought Monitor* & Reservoir Capacity Indicator**

March 24, 2015



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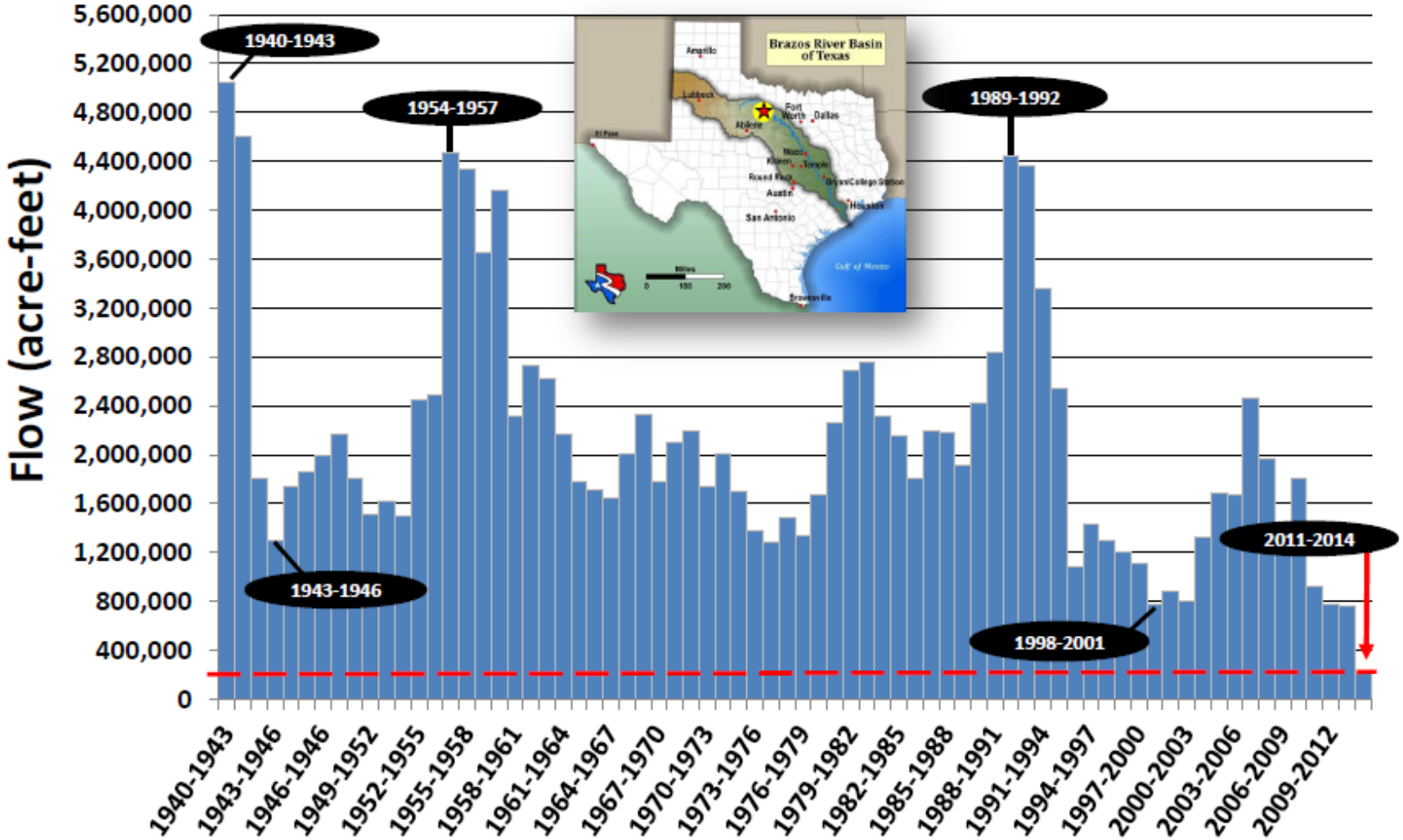
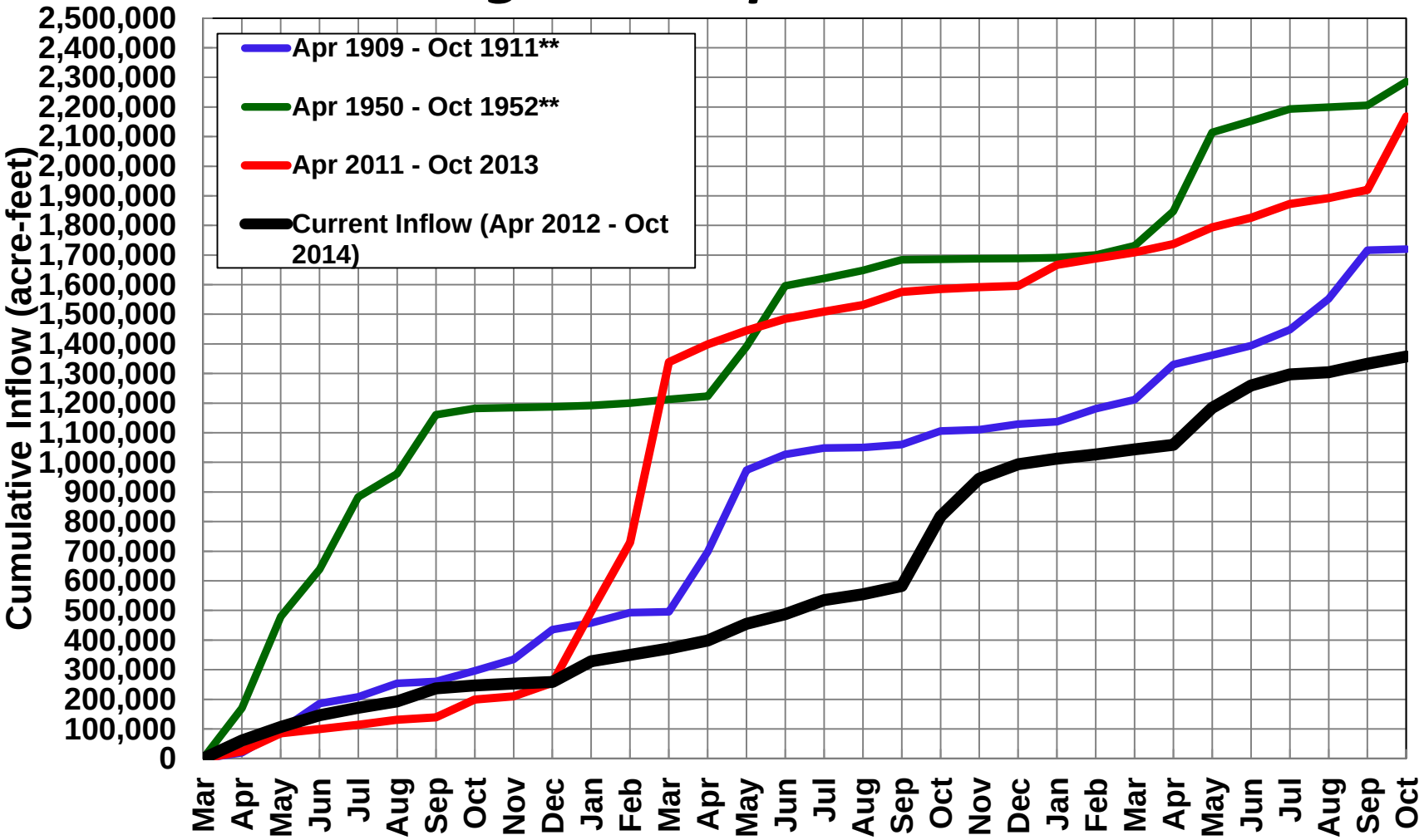
Historical Four-year Total Flow at the South Bend Gage



Brazos River Authority

Total System* Cumulative Inflow Tracking From April 2012 to Oct. 2014



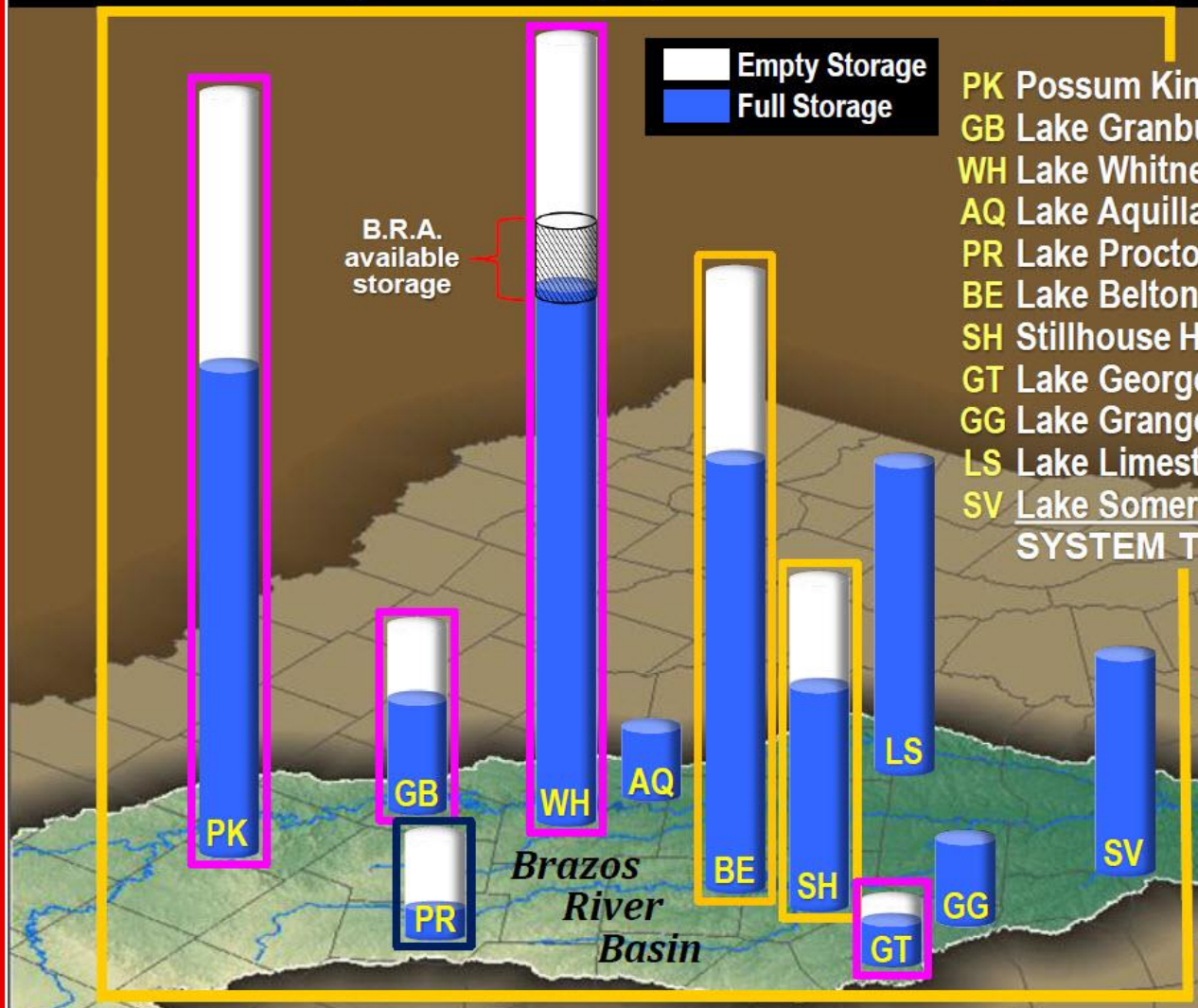
*Does not include Lake Granbury & Lake Whitney

* *1900 - 2007 Brazos Water Availability Model Naturalized

Brazos River Authority

B.R.A. Water Supply Reservoirs "PERCENT FULL" for April 1, 2015

Combined Storage of Authority System is Below Stage 1 Drought Watch Storage Trigger



		% Full	Drawdown**
PK	Possum Kingdom Lake	64%	- 13.9
GB	Lake Granbury	60%	- 8.2
WH	Lake Whitney	*11%	- 9.4
AQ	Lake Aquilla	102%	0.0
PR	Lake Proctor	28%	- 12.7
BE	Lake Belton	70%	- 11.9
SH	Stillhouse Hollow Lake	67%	- 13.9
GT	Lake Georgetown	68%	- 10.3
GG	Lake Granger	109%	0.0
LS	Lake Limestone	100%	0.0
SV	Lake Somerville	113%	0.0
	SYSTEM TOTAL	71%	

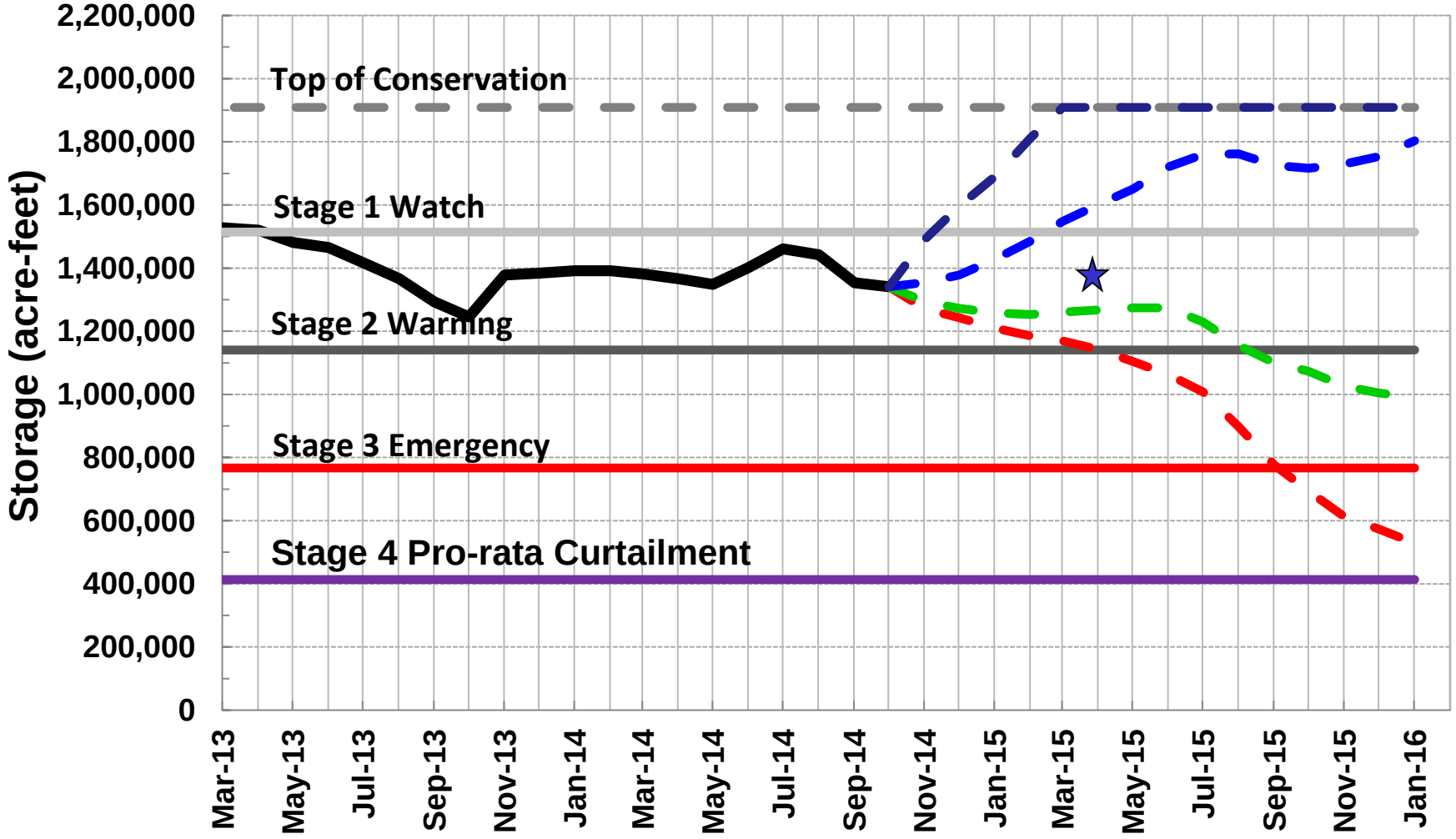
* B.R.A. available storage only. Overall, Lake Whitney 68% full.

** Feet below full

Stage 1 Drought Watch
Stage 2 Drought Warning
Stage 3 Drought Emergency
Stage 4 Pro-rata Curtailment

Brazos River Authority

Total System Storage Projections
(October 2014 - December 2015)



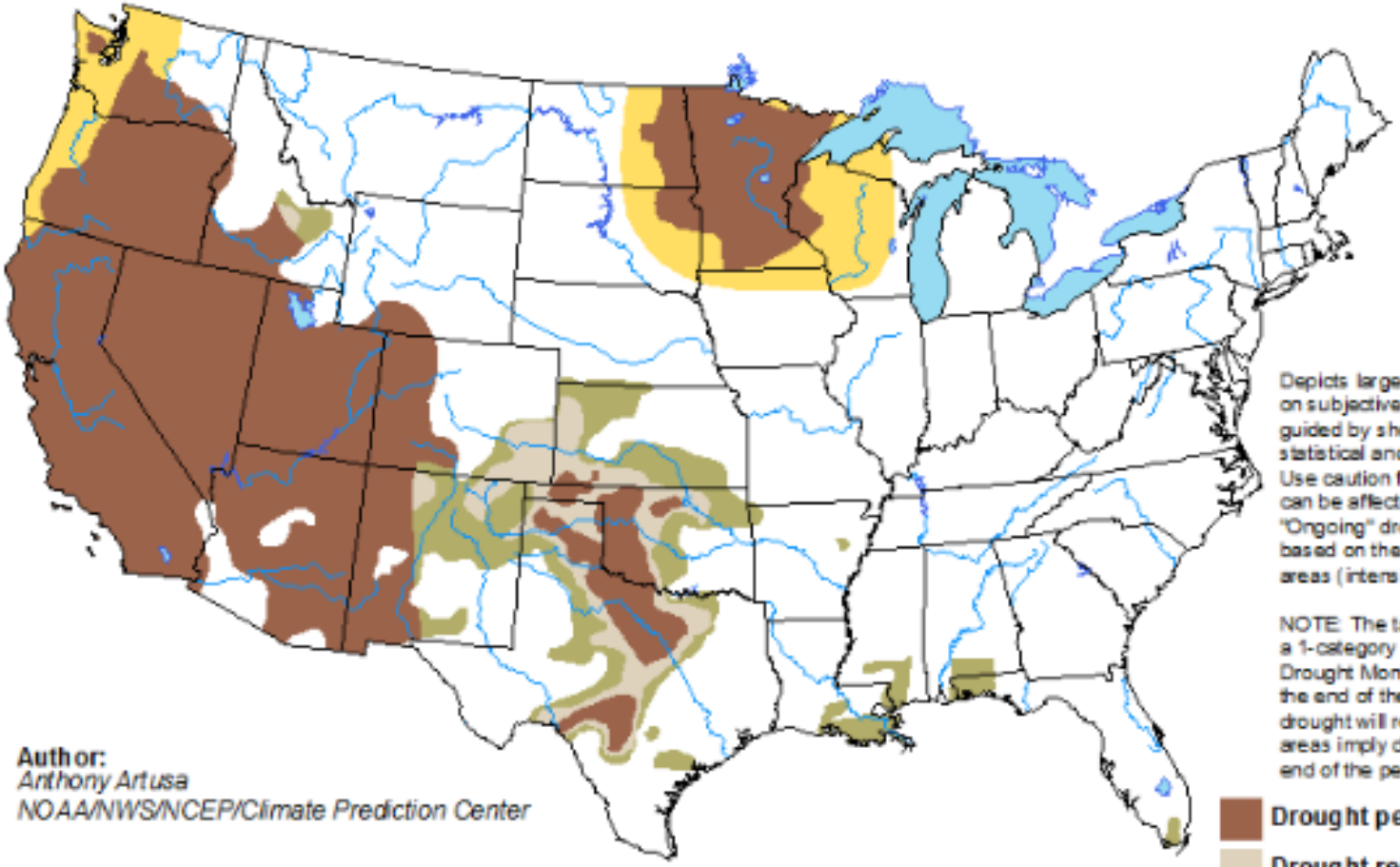
Minimum Inflows and High Evaporation
10th Percentile Inflows and Evaporation
50th Percentile Inflows and Evaporation
75th Percentile Inflows and Evaporation

Brazos River Authority

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for March 19 - June 30, 2015
Released March 19, 2015

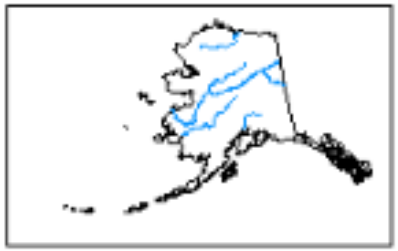


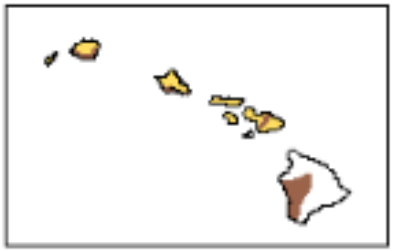
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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

Author:
Anthony Artusa
NOAA/NWS/NCEP/Climate Prediction Center





http://go.usa.gov/hHTe

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Questions?

www.brazos.org