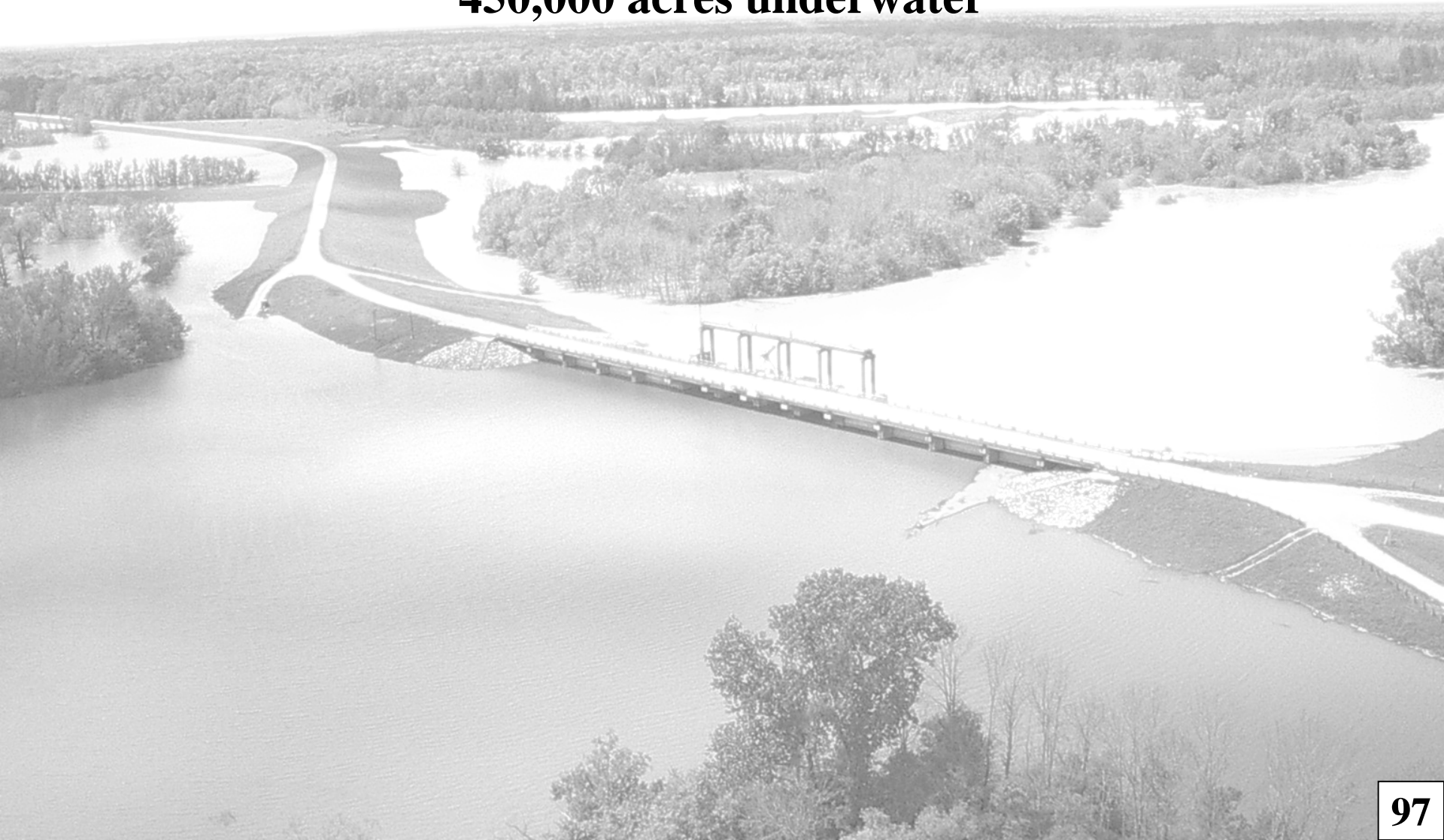


2018 Yazoo Backwater Flood

Photos

**Backwater reached 95.2'
450,000 acres underwater**





LANDSIDE – 95.2'

170,000 acres of Cropland Flooded
280,000 acres of Trees Flooded
450,000 acres Total Flooded

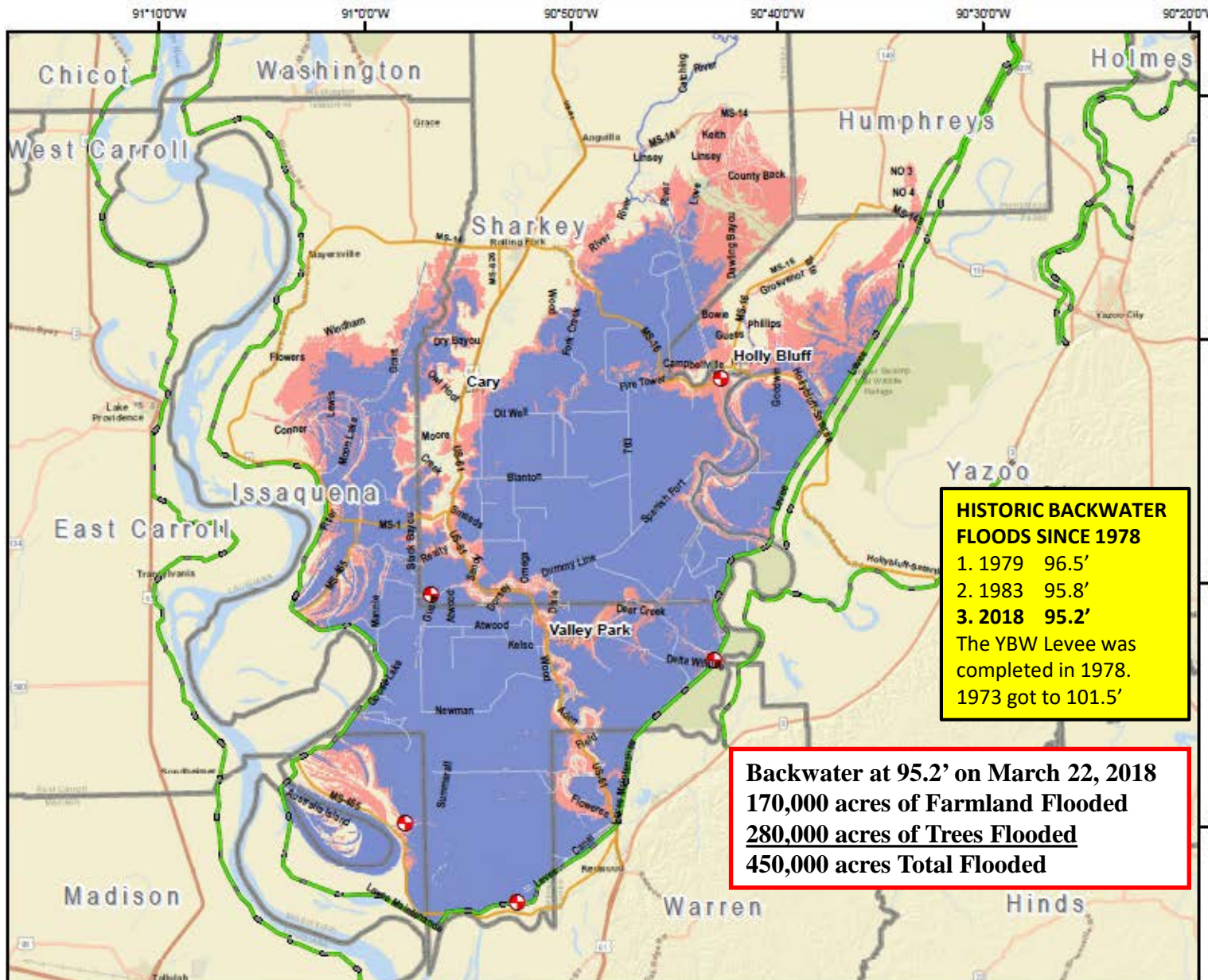
RIVERSIDE – 99.0'

Photo of Steele Bayou Structure
taken March 22, 2018 at 2:30pm

Steele Bayou Drainage Structure – Backwater at 95.2' on March 22, 2018



Yazoo Backwater Area Inundation Map



Legend

- Gage
- Levee Centerlines
- Major Roads
- Streets
- Backwater Pool - 93
- Backwater Pool - 95

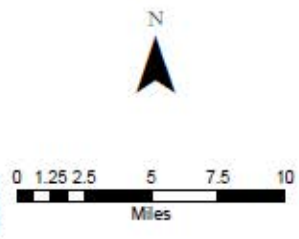
Total Acres Inundated at 93: 370,000
Total Acres Inundated at 95: 440,000

HISTORIC BACKWATER FLOODS SINCE 1978

1. 1979 96.5'
2. 1983 95.8'
3. 2018 95.2'

The YBW Levee was completed in 1978. 1973 got to 101.5'

Backwater at 95.2' on March 22, 2018
170,000 acres of Farmland Flooded
280,000 acres of Trees Flooded
450,000 acres Total Flooded



Disclaimer:
 This map has been compiled using the best information available and is believed to be accurate; however, its preparation required many assumptions. Actual conditions during a flood event may vary from those assumed, so the accuracy cannot be guaranteed. The limits of flooding shown should only be a guideline for emergency planning and response actions. Areas inundated will depend on specific flooding conditions and may differ from the areas shown on the map.



Low Water Bridge Road – Backwater at 93.8' on March 13, 2018



Goose Lake Road – Backwater at 93.8' on March 13, 2018



BLANTON, MS



CARY, MS



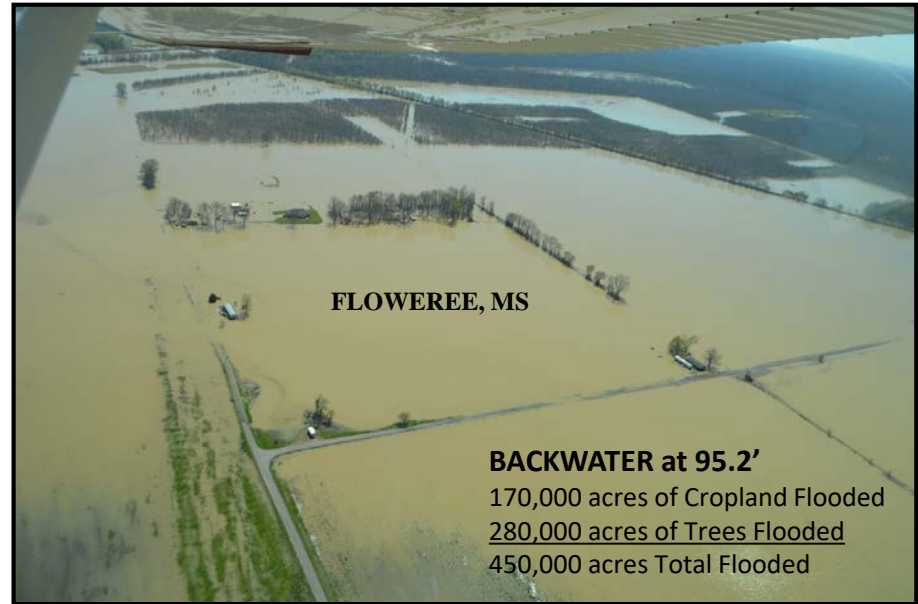
YBW LEVEE



BACKWATER at 95.2'
170,000 acres of Cropland Flooded
280,000 acres of Trees Flooded
450,000 acres Total Flooded

EAGLE LAKE, MS

Backwater at 95.0' on March 22, 2018



Backwater at 95.0' on March 22, 2018



GOOSE LAKE ROAD



GOOSE LAKE ROAD



GOOSE LAKE ROAD

BACKWATER at 95.2'
170,000 acres of Cropland Flooded
280,000 acres of Trees Flooded
450,000 acres Total Flooded

Backwater at 95.0' on March 22, 2018



LOW WATER BRIDGE ROAD



LOW WATER BRIDGE ROAD



LOW WATER BRIDGE ROAD

BACKWATER at 95.2'
170,000 acres of Cropland Flooded
280,000 acres of Trees Flooded
450,000 acres Total Flooded

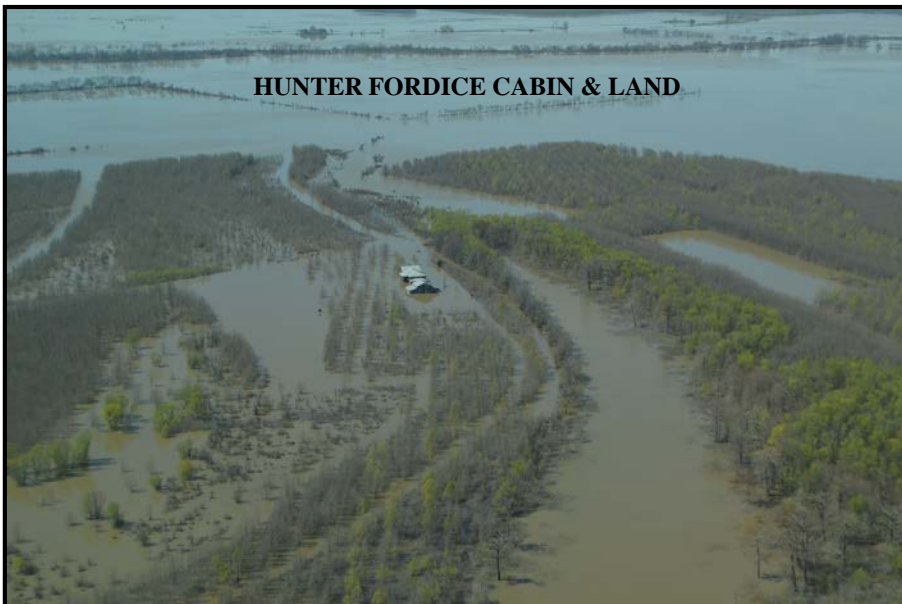
Backwater at 95.0' on March 22, 2018



GOOSE LAKE ROAD



GOOSE LAKE ROAD



HUNTER FORDICE CABIN & LAND



GANT/NEWMAN ROAD

BACKWATER at 95.2'
170,000 acres of Cropland Flooded
280,000 acres of Trees Flooded
450,000 acres Total Flooded

Backwater at 95.0' on March 22, 2018



Backwater at 95.0' on March 22, 2018

ACCOMPLISHMENTS OF THE YAZOO BACKWATER PROJECT RECOMMENDED PLAN

ENVIRONMENTAL BENEFITS – Reforestation of 55,600 acres

1. **19.3% Increase in Wetlands Resources.**
2. **11.2% Increase in Terrestrial Resources.**
3. **34.5% Increase in Aquatic Resources.**
4. **52.8% Increase in Waterfowl (Duck Habitat) Resources.**
5. **Water Quality will improve with reforestation – Reduces Sediment & Nutrients.**
6. **Water Quality will improve by reducing the duration of flooding on the forest land thus reducing the Mercury content in the water.**
7. **Endangered Species – LA Black Bear & Pondberry – have been addressed, in fact reforestation will provide additional habitat.**
8. **Reforestation – Requires no Condemnation – Maintains Private Ownership.**
9. **Protects the 1-year Aquatic Habitat.**
10. **Raises Water Levels during Low-Flow season – Irrigation and Fish Benefits.**
11. **Alleviates Forest Fragmentation.**
12. **Improves Recreation Opportunities in Area.**
13. **Provides for Positive Socio-Economic Benefits.**

The YBW Project achieves both Economic and Environmental Benefits!

If the YBW Project had been in place since 2008 (when EPA vetoed the project) it would have prevented \$373M in damages in the past 11 years alone!

ECONOMIC BENEFITS – 14,000 cfs Pump

14. **Lowers the 100-year Flood by 4.5’.**
15. **Reduces Urban and Rural Structural Damages.**
16. **Provides Benefits to remaining Agricultural Lands.**
17. **Duration & Frequency of Floods will be greatly reduced.**

