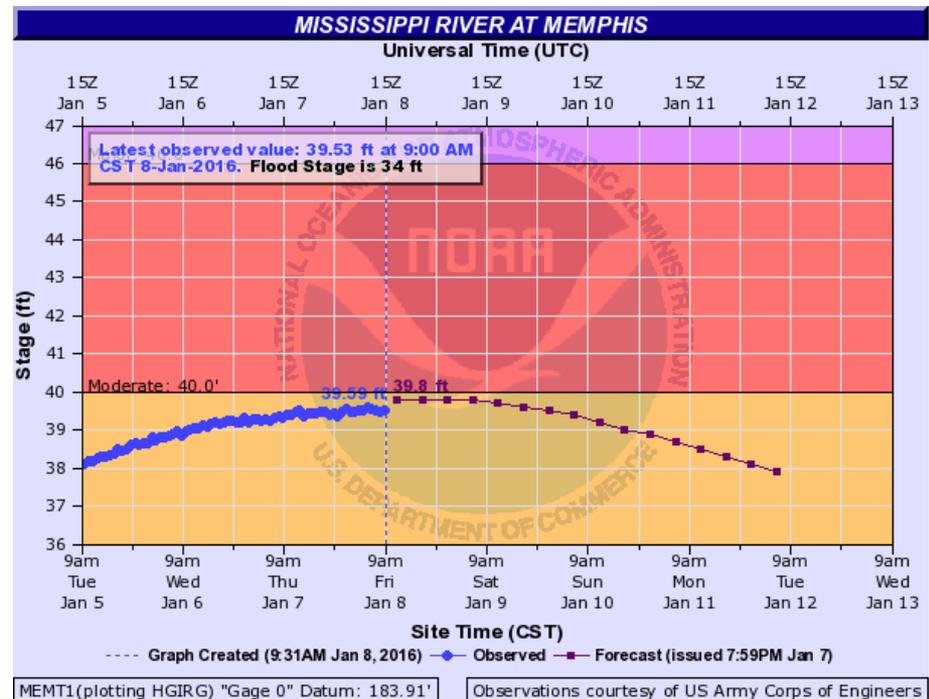
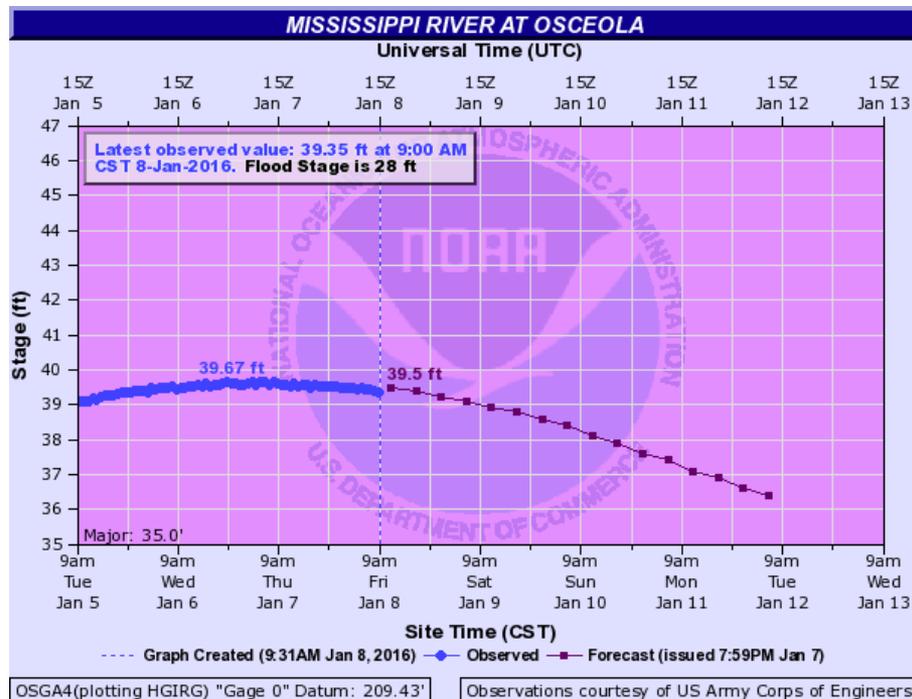


### January 8, 2016 Talking Points- Mississippi River Forecasts (Page 1 of 2)

- The Mississippi River has crested at Osceola, AR upstream of Memphis, TN. The river is cresting at Memphis, TN.



## January 8, 2016 Talking Points- Mississippi River Forecasts (Page 2 of 2)

- **At the confluence of the Mississippi and the Ohio River, the Ohio River at Cairo, IL, remains above major flood stage and continues to fall this morning of January 8, 2016**
- **The river stage on the Ohio at Paducah will remain steady today as the USACE Lakes and Rivers Division (LRD) increases discharges from Kentucky and Barkley reservoirs to recover storage in each of the reservoirs**
- **Crest heights on the Mississippi River for Helena and Arkansas City are lowered 0.50 as the Mississippi River is at crest at Memphis at a lower height than the Jan 7 prediction**

# Talking Points and Jan 8 Forecasts For Mainstem of Red River In Louisiana

Location	Flood of Record	May 2015 Record Rainfall	Tropical Storm Bill 2015	Crest Dec 2015-Jan 2016 Event
Shreveport	45.90 (Aug 10 1849)	37.14 Major (Jun 9)	31.05 Minor (Jun 30)	Crested at 31.5 (Moderate)
Coushatta	39.90 (Apr 7 1945)	38.83 Major (Jun 11)		Crested at 33 ft (Moderate)
Grand Ecore	44.70 (Apr 10 1945)	42.03 (Jun 13)		At Crest
Alexandria	45.23 (Apr 17 1945)	36.10 (Jun 16)		30 (Action)

- The river crested at Grand Ecore on (Jan 6) and continues to fall
- The river is at crest above action stage at Alexandria

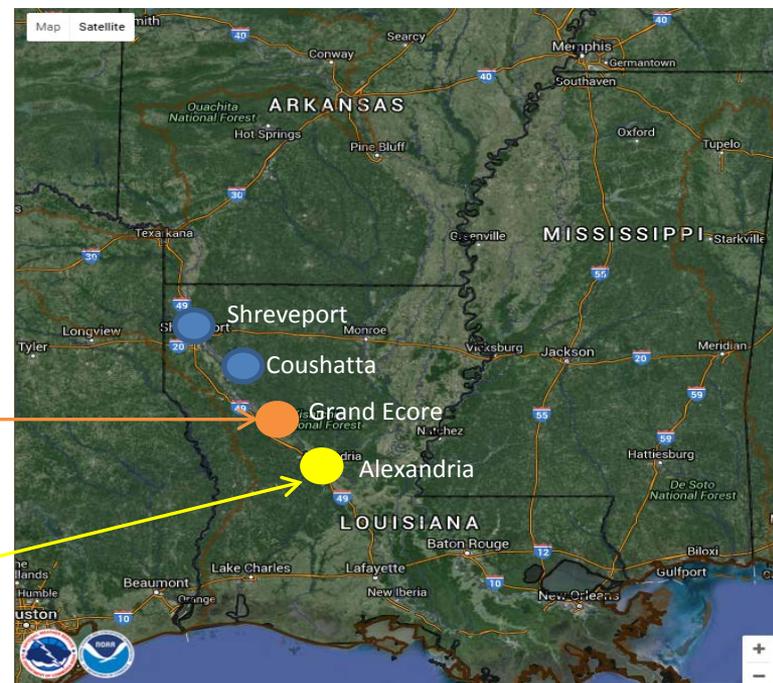
Site	Jan 8 Stage 10A	Forecast Crest	Date	Flood Category
Shreveport	29.75			
Coushatta	31.98			
Grand Ecore	34.4			
Alexandria	29.99			Cresting

### **Grand Ecore:** Impacts

33 ft = Minor flooding of lowlands in the Red River floodplain between levees take place

### **Alexandria:** Impacts

28 ft = Overflow occurs on floodway side of levee from gauge to Acme. Recreational boaters should use extreme caution due to high river flows.

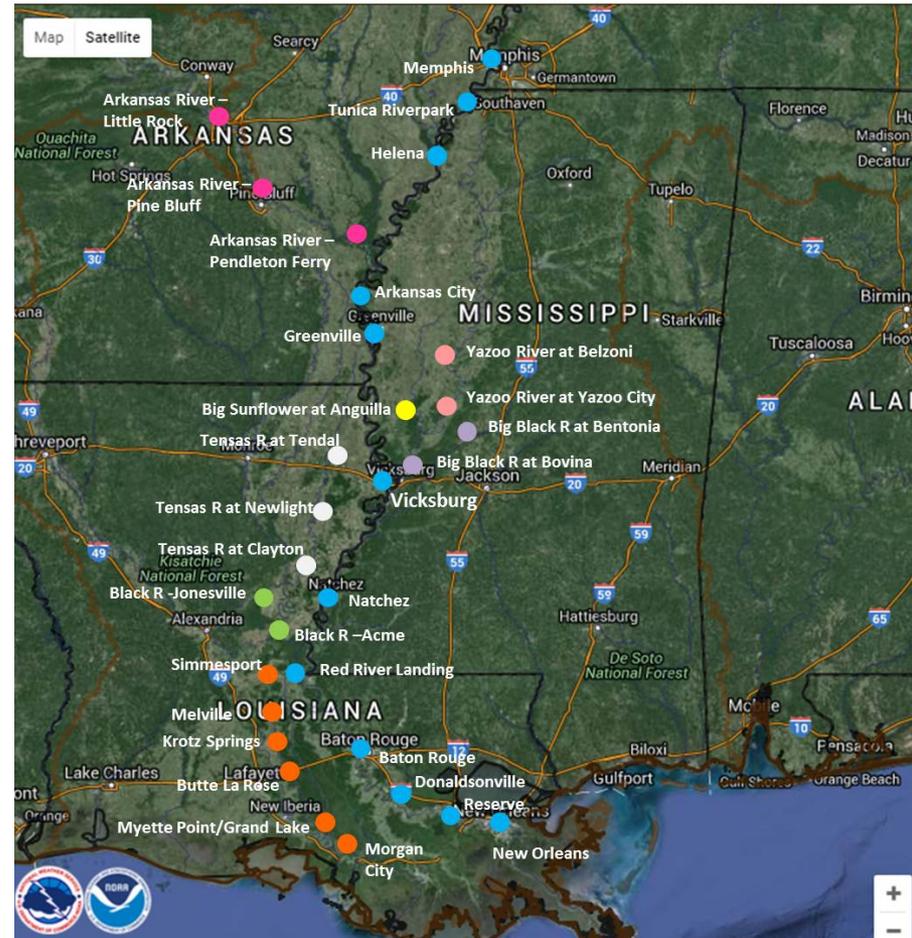
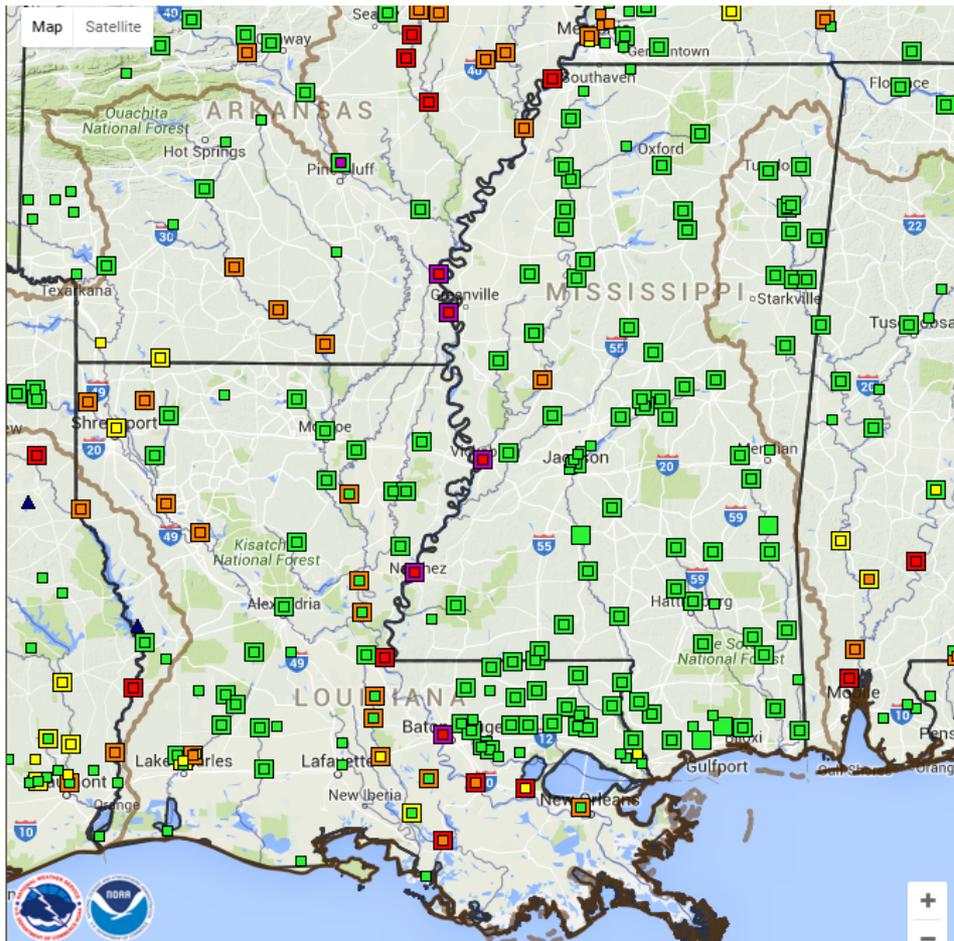


NWS Lower Mississippi River Forecast Center

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# Mississippi Mainstem and Atchafalaya Forecast for Jan 8, 2016



NWS AHPS Status Map of Jan 8 River Level and Predicted Crest Height. Colors represent flood categories

# LMRFC Forecasts For Mainstem of Mississippi and Lower Ohio Issued The Morning Of Jan 8, 2016 (Coordinated and Collaborated with USACE Water Management)

Name	FS	Mod	Maj	Flood of Record	Date	2011		Jan 7,2016 Forecast		Forecast Midday Jan 8, 2016			10A Jan 8 Status
						Crest	Date	Crest	Date	9A Stage	Crest	Date	
St Louis	30	35	30	49.58	8/1/1993	34.93	1-May			27.6			Will remain around 28 feet (Action Stage ) through next week
Chester	27	35	40	49.74	8/7/1993	39.74	2-May			32.89			Will remain above minor flood stage through next week
Paducah	39	43	52	60.6	2/2/1937	55.03	5-May			45.14			Cresting
Cape Girardeau	32	37	42	48.49	08/08/93	46.3	3-May			38.59			Above Moderate flood stage and falling
Thebes	33	37	42	45.91	05/23/91	45.5	3-May			38.19			Above Moderate flood stage and falling
Cairo	40	47	53	61.72	05/02/11	61.7	2-May			54.18			Above major flood stage and falling
New Madrid	34	40	44	48.35	05/06/11	48.4	6-May			41.53			Above Moderate flood stage and falling
Tiptonville	37	45	47	48.35	05/05/11	48.4	5-May			42.87			Above minor flood stage and falling
Caruthersville	32	41	43	47.61	05/07/11	47.6	7-May			41.47			Above Moderate flood stage and falling
Osceola	28	31	35	50.90	02/07/1937	47.48	8-May			39.35			Crested
Memphis	34	40	46	48.7	02/10/37	48	10-May	39.8	Jan 8	39.53			Cresting
Tunica	41	46	52	58.45	5/10/2011	58.45	10-May	51	Jan 9	50.89	51.2	Jan 9	
Helena	44	50	55	60.2	02/12/37	56.6	12-May	49	Jan 10	47.4	48.5	Jan 10	
Arkansas City	37	40	44	59.2	04/21/27	53.1	16-May	45.5	Jan 12	42.74	45	Jan 12	
Greenville	48	52	57	65.4	04/21/27	64.2	16-May	57.5	Jan 13	54.32	57.5	Jan 13	
Vicksburg	43	46	50	57.1	05/19/11	57.1	19-May	52	Jan 15	47.08	52	Jan 15	
Natchez	48	51	57	61.95	05/19/11	62	19-May	58	Jan 17	52.57	58	Jan 17	
Red River Landing	48	55	64	63.4	05/18/11	63.4	18-May	62	Jan 18	55.49	62	Jan 18	
Baton Rouge	35	38	40	47.28	05/15/27	45	18-May	43.5	Jan 18	38.28	43.5	Jan 18	
Donaldsonville	27	30	34	36.01	05/15/27	32.5	18-May	32	Jan 20	28.05	32	Jan 20	
Reserve	22	24	26	26	06/11/29	24	18-May	24	Jan 12	21.61	24	Jan 12	
New Orleans	17	19	20	21.27	04/25/22	17.3	19-May	17	Jan 12	15.35(E)	17	Jan 12	

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# Impacts for Mississippi River at Red River Landing From NWS Weather Forecast Office New Orleans Web Page ([www.srh.noaa.gov/lix](http://www.srh.noaa.gov/lix))

## **Red River Landing :**

9A Jan 8 River Stage = 55.49 Feet

Jan 8 LMRFC Morning Forecast: Crest of 62 Feet On Jan 18

51 feet = All river islands along the reach from Red River Landing to Baton Rouge will be inundated. Recreational camps and river bottom farm land will be under water

54 Feet = All river islands along the reach from Red River Landing to Baton Rouge will be inundated. Recreational camps and river bottom land will be under water. Water approaches Angola farm land

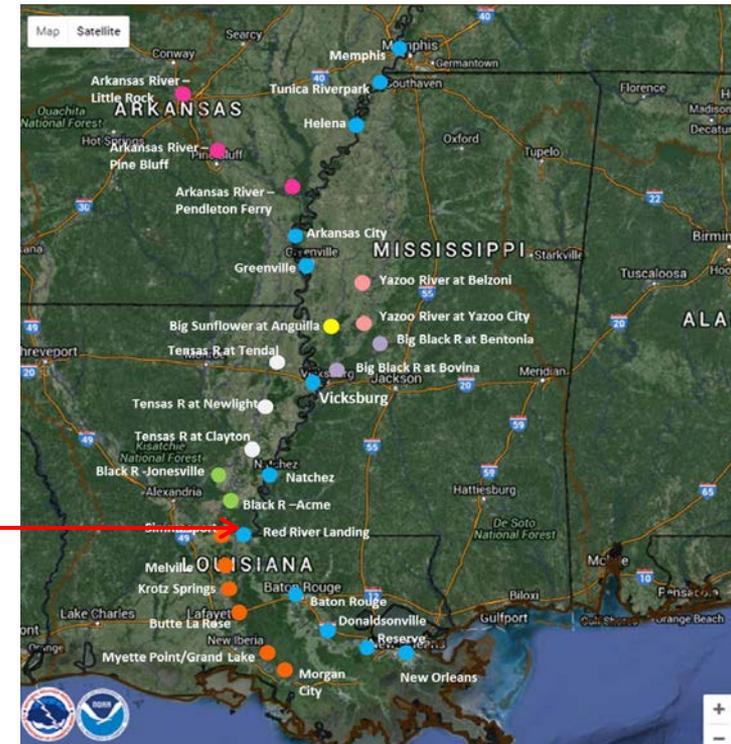
58 Feet = Angola farmland on the left bank becomes inundated (**Jan 8 forecast has a stage of 58.2 feet on Jan 12 climbing to 58.8 feet on Jan 13**)

59 Feet = The east bank levee will be topped and the prison farm land between the two levees will be inundated. Angola Landing will be under water closing the ferry there. All river islands along the reach from Red River Landing to Baton Rouge will remain inundated with recreational camps and river bottom farm land under water

61.61 Feet = Flood of March 24, 1997

62 Feet = Angola Landing will remain under water and all ferry service will be terminated. All river islands along the reach from Red River Landing to Baton Rouge will remain inundated with recreational camps and river bottom farm land under water (**Jan 8 forecast predicts a crest of 62 feet on Jan 18**)

63.39 Feet = Flood of Record occurred on May 18, 2011



# Impacts for Mississippi River at Baton Rouge From NWS Weather Forecast Office New Orleans Web Page ([www.srh.noaa.gov/lix](http://www.srh.noaa.gov/lix))

## **Baton Rouge :**

11A Jan 8 River Stage = 38.31 Feet

Jan 8 LMRFC Morning Forecast: Crest of 43.5 Feet On Jan 18

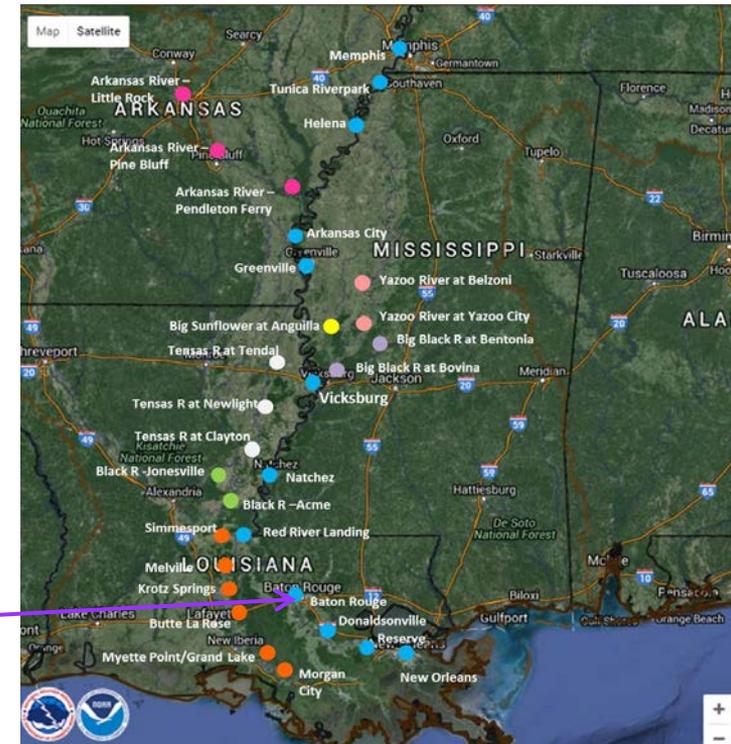
35 Feet = River islands from Red River Landing downstream to Baton Rouge will be inundated

36 Feet = River traffic and industrial activity on the river side of the levees will be greatly affected. Navigational safety regulations will be strictly enforced

40 Feet= The grounds of the older part of Louisiana State University's campus become soggy. This includes the area around the Veterinary Medicine building, the Veterinary Medicine Annex, the stadium and ball fields. The city of Baton Rouge and the main LSU campus are protected by levees at this level. **(Jan 8 forecast has a stage of 40 feet on Jan 11 climbing to 41.3 feet on Jan 13)**

43 Feet= Shipping and industrial activities are significantly affected. Unprotected low-lying areas will be flooded and agricultural operations will be impacted on the west side of the river. The city of Baton Rouge is protected by levees at this level.

47.28 Feet= This is the flood of record established on May 15, 1927



# Impacts for Mississippi River at Donaldsonville, Reserve, and New Orleans From NWS Weather Forecast Office New Orleans Web Page ([www.srh.noaa.gov/lix](http://www.srh.noaa.gov/lix))

## Donaldsonville :

11A Jan 8 River Stage = 28.05 Feet

Jan 8 LMRFC Morning Forecast: Crest of 32 Feet On Jan 20

27 Feet = Navigation becomes difficult for smaller river craft. Safety precautions for river traffic are urged

33 Feet = River barge traffic becomes dangerous, particularly when navigating sharp turns on this stretch of the river

## Reserve :

11A Jan 8 River Stage = 21.58 Feet

Jan 8 LMRFC Morning Forecast: Crest of 24 Feet On Jan 12

22 Feet = Marine and industrial interests along the river, upstream barge operators, and facilities are impacted. Navigation will become difficult for smaller river craft. Safety precautions for river traffic are urged (**Jan 8 forecast has a stage of over 22 feet on Jan 9**)

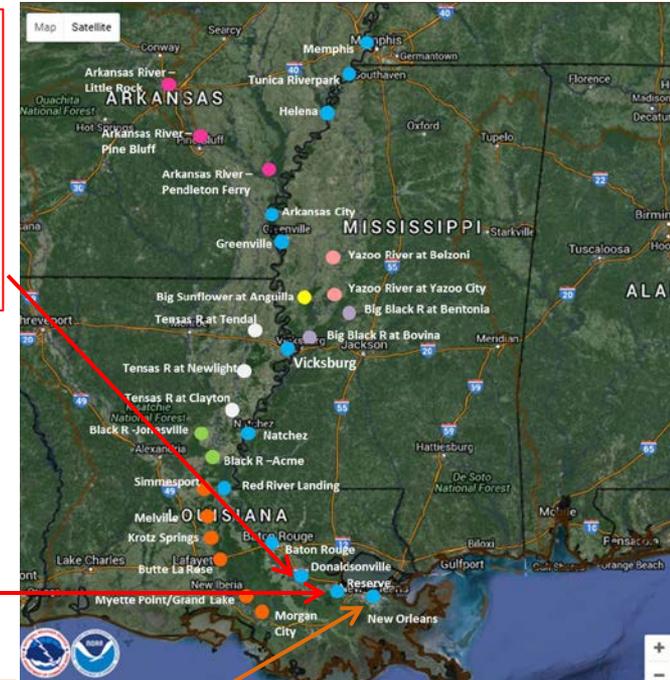
## New Orleans :

11A Jan 7 River Stage = 15.47 Feet

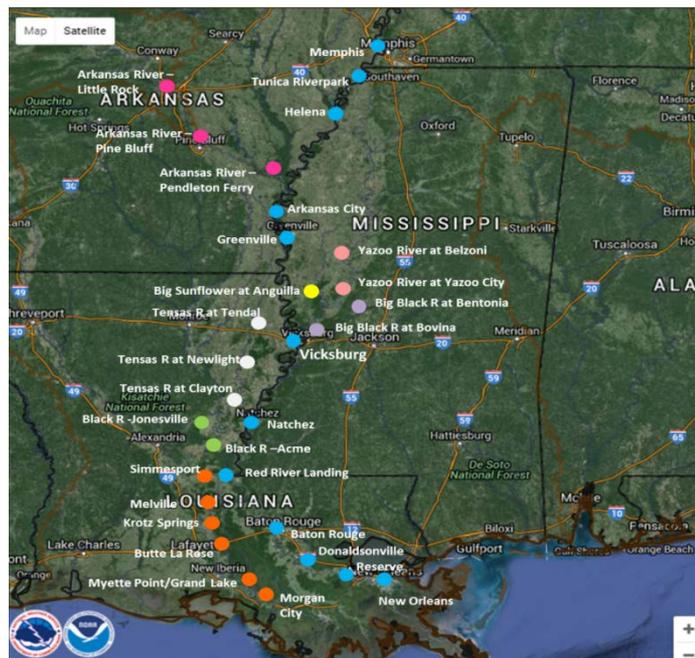
Jan 8 LMRFC Morning Forecast: Crest of 17 Feet On Jan 12

13 Feet = Strong eddies will develop below the gage at Carrollton, with increased negative impacts on navigation.

17 Feet = The river level will continue making navigation and docking difficult. The city is protected to a project height of 20 feet (**Jan 8 forecast has a stage of 17 feet on Jan 12**)



Name	FS	Mod	Maj	Flood of Record	Date	2011		2008		Jan 8 Midday Forecast		
						Crest	Date	Crest	Date	9A Jan 8 Stage	Crest	Date
Jonesville – Black R	50	52	60	64.50	5/3/1927	49.2	26-May	48	28-Apr	44.6 (E)	50	Jan 20
Acme – Black R	48	52	58	62.70	5/17/1927	47.75	26-May	46.3	28-Apr	43.31	48.5	Jan 18
Simmesport	47	50	60	59.13	5/16/1927	44.93	24-May	41.34	28-Apr	35.94	42.5	Jan 18
Melville	34	45	50	46.98	5/14/1927	35.69	24-May	32.45	28-Apr	27.86	34	Jan 18
Krotz Springs	29	40	43	38.50	5/15/1927	32	25-May	28.40	23-Apr	25.71	30	Jan 19
Butte La Rose	20	25	28	27.28	5/23/1973	23.15	26-May	20.01	28-Apr	17.34	21.5	Jan 19
Myette Point	15	20	26	17.80	5/24/1973	15.58	28-May	12.62	26-Apr	10.31	14	Jan 21
Morgan City	6	7	12	10.53	5/28/1973	10.35	29-May	8	3-May	6.23	8.5	Jan 23



# Impacts for Black River at Jonesville and Acme From NWS Weather Forecast Office Lake Charles Web Page ([www.srh.noaa.gov/lch](http://www.srh.noaa.gov/lch))

## Jonesville :

10A Jan 8 River Stage = 44.5 (Estimated) Feet

Jan 8 LMRFC Morning Forecast: Crest of 50 Feet On Jan 20 (Minor)

39.5 Feet: Locking operations ceases at the lock and dam

40 Feet: Access Road to lock begins to flood on the riverside of levee

42 Feet: Water begins to top the lock (**Jan 8 forecast has backwater rising to 46.6 feet on Jan 12**)

50 Feet: Highway 124 south near the town of Larto starts to flood. Backwater flooding begins in unprotected areas on right bank (**Jan 8 predicts a crest of 50 ft on Jan 20**)

51.4 Feet: The Columbia Recreation Area is inaccessible

52 Feet: Backwater flooding on right bank threatens residences

52.7 Feet: The Fort Necessity Recreation Area is inaccessible

## Acme :

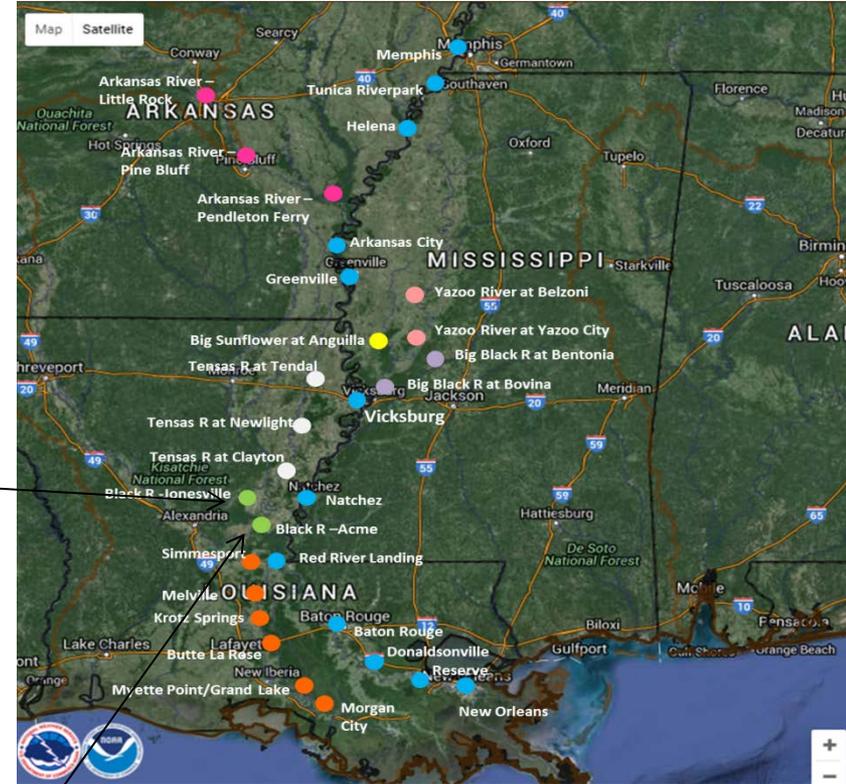
10A Jan 8 River Stage = 43.31 Feet

Jan 8 LMRFC Morning Forecast: Crest of 48.5 Feet On Jan 18 (Minor)

49 Feet: Minor lowland flooding is occurring near the river

50.5 Feet: The community of Brouillette is inundated.

52 Feet: Widespread lowland flooding is occurring. Evacuation of livestock and equipment is recommended.



# Impacts for Atchafalaya River at Simmesport and Melville From NWS Weather Forecast Office Lake Charles Web Page ([www.srh.noaa.gov/lch](http://www.srh.noaa.gov/lch))

## Simmesport :

10A Jan 8 River Stage = 35.97 Feet

Jan 8 LMRFC Morning Forecast : Crest of 42.5 Feet On Jan 18 (46 Feet Is Action Stage)

35 Feet: Backwater flooding of unprotected areas above Simmesport will begin

40 Feet: There will be flooding of areas outside the levees in the Atchafalaya floodway

43 Feet: The river stage is at the natural ground elevation of areas protected by the levee system

## Melville :

10A Jan 8 River Stage = 27.86 Feet

Jan 8 LMRFC Morning Forecast: Crest of 34 Feet On Jan 18

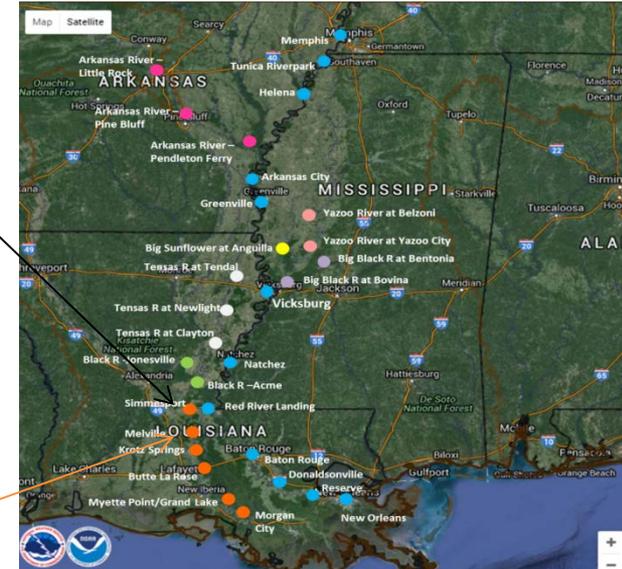
25 Feet = Flooding will begin on the river side of the Atchafalaya river levee and the Melville ring levee which protect the city to a river stage of about 50 feet

30 Feet = Increased current in the Atchafalaya main channel will cause minor navigation problems for large craft, but hazardous conditions for smaller river craft. The average elevation within the protection of the Melville ring levee is 31 feet. **(Jan 8 forecast has a stage of 30 feet on Jan 10 with a stage of 30.8 on Jan 12)**

33 Feet= Action Stage

34 Feet = Lowest structures on the unprotected side of the levee begin to flood. Flooding is more extensive just south of Melville

36 Feet = Flooding of structures on the unprotected side of the levee begins along Trestle Street and River Bank Road in Melville



# Impacts for Atchafalaya River at Krotz Springs and Butte La Rose From NWS Weather Forecast Office Lake Charles Web Page ([www.srh.noaa.gov/lch](http://www.srh.noaa.gov/lch))

## **Krotz Springs :**

10A Jan 8 River Stage = 25.78 Feet

Jan 8 LMRFC Morning Forecast: Crest of 30 Feet On Jan 19

28 Feet= Action Stage

29 Feet= Flooding of structures on the unprotected side of the levee along the river begins. This includes areas near the Atchafalaya Campground south of Krotz Springs and River View Subdivision north of Krotz Springs

## **Butte La Rose :**

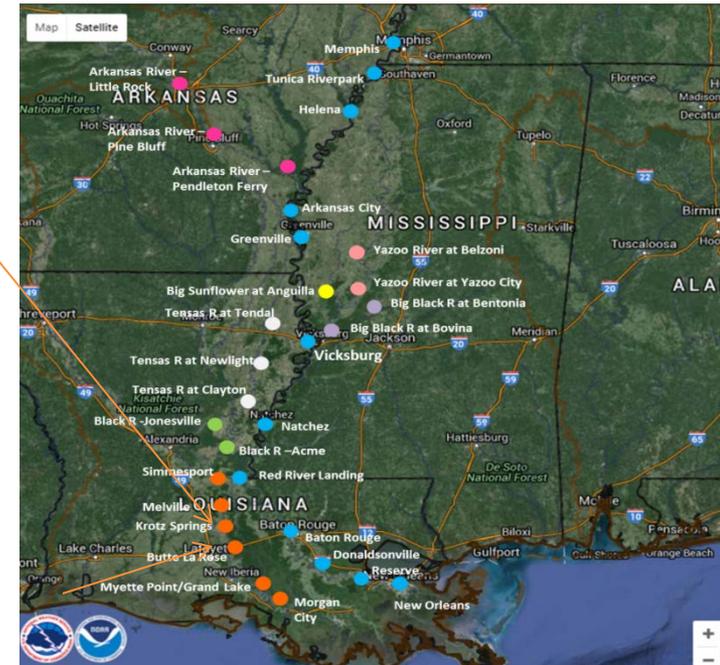
10A Jan 8 River Stage = 17.35 Feet

Jan 8 LMRFC Morning Forecast: Crest of 21.5 Feet On Jan 19

17 Feet= Action Stage

20 Feet= Minor Flooding Begins

22 Feet = River traffic negotiating sharp turns will become difficult. Industrial equipment will be threatened and should be relocated to avoid damage.



# Impacts for Atchafalaya River at Myette Point/Grand Lake and Morgan City From NWS Weather Forecast Office Lake Charles Web Page ([www.srh.noaa.gov/lch](http://www.srh.noaa.gov/lch))

## Myette Point/Grand Lake :

10A Jan 8 River Stage = 10.31 Feet

Jan 8 LMRFC Midday Forecast: Crest of 14 Feet On Jan 21

15 Feet = Although on the floodway side of the protection levee, flooding of the batture will impede small craft launching. Navigation precautions are recommended.

## Morgan City :

10A Jan 8 River Stage = 6.29 Feet (Above Action Stage)

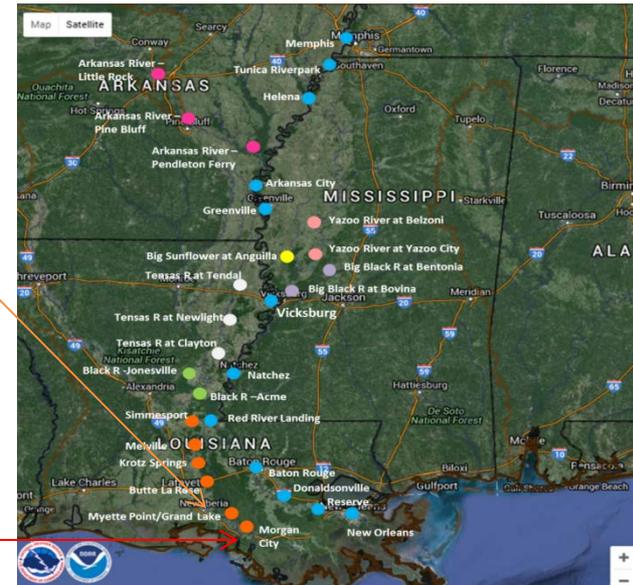
Jan 8 LMRFC Midday Forecast: Crest of 8.5 Feet On Jan 23

4 Feet= Action stage. Water will move up the bank and across access roads below the city dock. Floodwall gates should be closed by the 5 foot stage to protect against higher stages. Vessel traffic will be affected by stronger river current and vessel traffic safety rules will be strictly enforced by the U.S. Coast Guard.

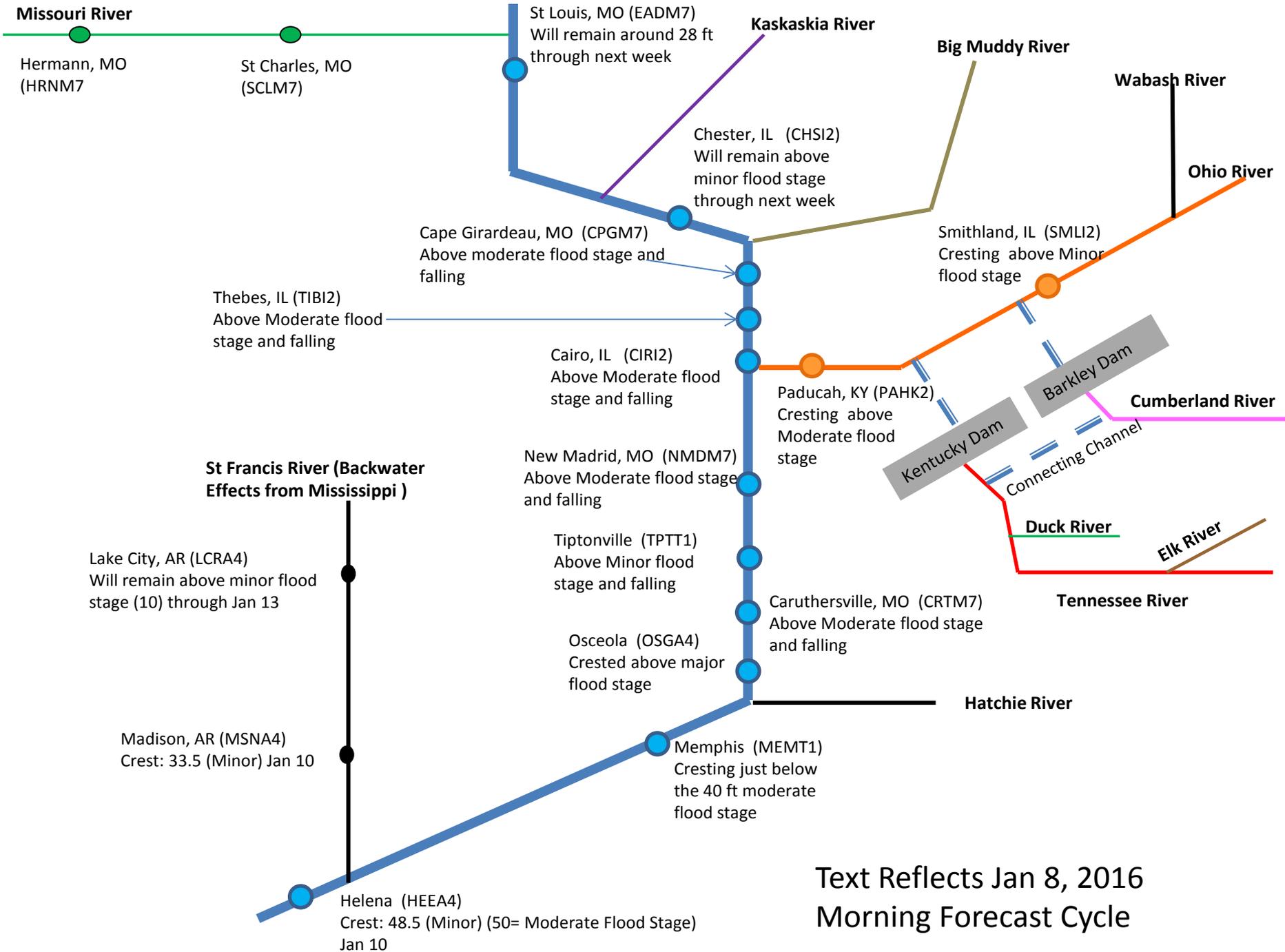
5 Feet= Floodwall gates will be closed to protect against higher stages. Vessel traffic will be affected by stronger river current and vessel traffic safety rules will be strictly enforced by the U.S. Coast Guard

6 Feet = Flood stage. The city dock will be under water. Water will cover the lower end of Belleview Front Street in Berwick. Vessel traffic will be affected by stronger river current and vessel traffic safety rules will be strictly enforced by the U.S. Coast Guard

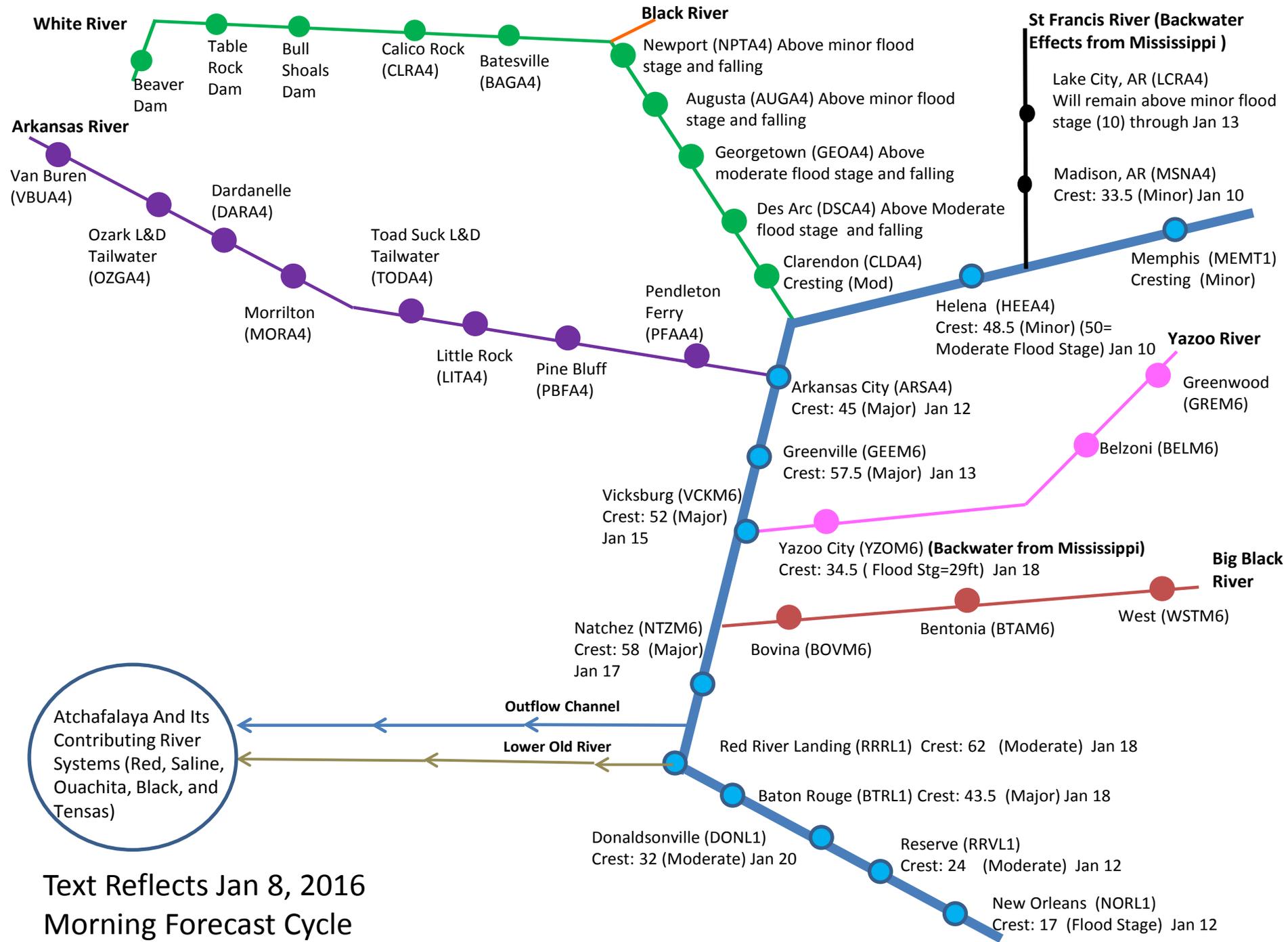
7 Feet= Buildings at the foot of Ann Street on the river side of the flood wall will flood as water overtops the Rio Oil Company dock. Buildings on the river side of the Berwick floodwall will flood. River traffic restrictions will be strictly enforced. (Jan 8 forecast has a stage of 7 feet on Jan 11 with a stage of 7 on Jan 12))



Supplemental Slides for Crest Timing on All Lower Mississippi and  
Atchafalaya Tributaries

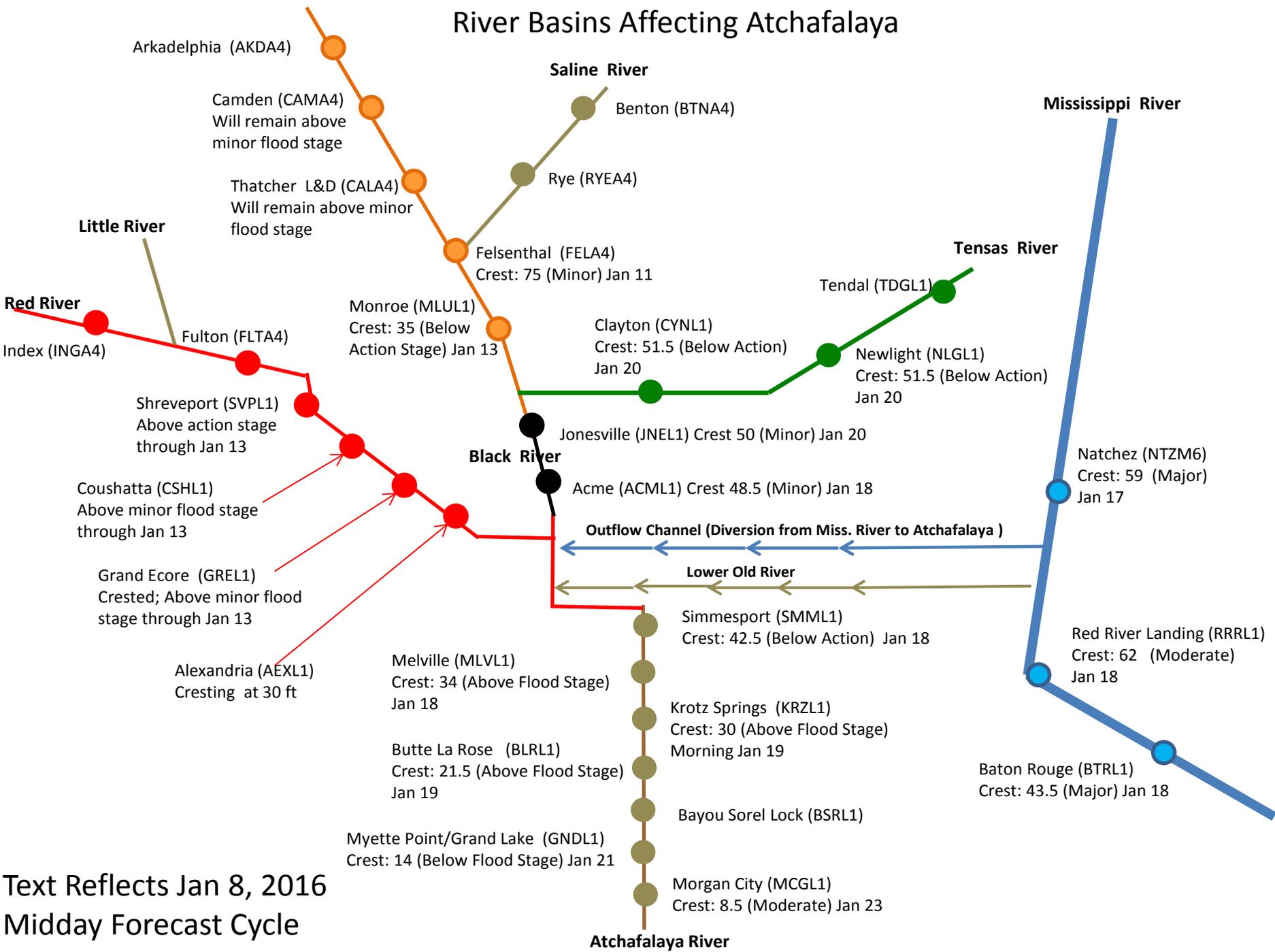


Text Reflects Jan 8, 2016 Morning Forecast Cycle



Text Reflects Jan 8, 2016 Morning Forecast Cycle

# River Basins Affecting Atchafalaya



Text Reflects Jan 8, 2016  
Midday Forecast Cycle