

Friday, January 11, 2019

Key Issues

- Reduced tow sizes SB between Cairo and the Gulf for high water
- Ohio River High Water: Nighttime restrictions in place at specific locations, conditions improving
- Daylight only on the Lower Miss at Memphis, Vicksburg, and Baton Rouge
- Blue water vessel depth restriction coming into the Gulf at mile 3 on the Lower Miss

RIVER CLOSURES & RESTRICTED MOVEMENTS

For additional details on the information noted below, please contact your ACBL Salesperson or Logistics Representative at (800) 899-7195

Ohio/Tennessee/Cumberland

Extreme High Water on the Ohio River: Expect delays up and down the river - List of restrictions below:

Smithland Lock (OR 918) - Daylight only SB transit through lock, [restrictions will remain over the weekend, expect to be lifted on Monday](#)
I-24 Bridge in Metropolis (OR 941) - Daylight only SB transit, [restrictions will remain over the weekend, expect to be lifted on Monday](#)

Chicago/Illinois/Upper Miss

Reduced tow sizes St. Louis to Cairo - This restriction is now on a boat by boat basis. High water has reduced tow sizes between St. Louis and Cairo SB by 1 string (5 barges), possibly return to full tow sizes tomorrow.

[Winter weather in and around St. Louis over the weekend](#) - Expect delays in this area over the weekend due to winter weather.

Daylight only through Thebes bridges (UM 50) due to high water - This restriction is now boat by boat. Daylight only transit through this area.

The Upper Miss closed for dredging - The entrance to Chain of Rocks Canal (UM 184) will be closed nightly from 17:00-07:00, this work has been postponed due to high water, could resume working mid next week.

O'Brien Lock (SG 327), in Chicago, upcoming closures - Periodic closures from 1/16-2/6. 36 hour closures from 07:00-19:00 on 1/16 through 19:00 on 1/17, 36 hour closure from 07:00 on 1/19 through 19:00 on 1/20, 12 hour closures from 07:00-19:00 on 1/22 and 1/23, 36 hour closure from 07:00 on 1/30 through 19:00 1/31, 36 hour closure from 07:00 on 2/2 through 19:00 on 2/3, 12 hour closures from 07:00-19:00 on 2/4 and 2/6.

Peoria and Lagrange Dams are both down

Lower Miss/Gulf/Canals

Reduced tow sizes Cairo to Gulf - High water has reduced tow sizes between Cairo and the Gulf by one-two strings, 5-10 barges, expect increased await pickup delays on SB barges.

Daylight only through Memphis (LM 725) - Due to high water

Arkansas River high flows - Rain over the weekend has caused the flows on the river to increase, [leading to reduced tow sizes and delays on the lower end of the river.](#)

Daylight only through Vicksburg bridge (LM 435) - Due to high water, tows can only transit through Vicksburg bridge during daylight hours.

Daylight only through Baton Rouge (LM 237) - Due to high water

Fog/Wind delays in the Gulf and West Canal - No fog delay in the Gulf last night. Conditions exist for fog in the Gulf for the foreseeable future.

Shuttle boats in the Gulf are reduced to 9-12 barges due to high water and high flows.

[Depth restriction coming into the Gulf in the SouthWest Pass \(LM 3\)](#) - Blue water vessels are restricted to 44' in this area, dredging is ongoing.

[Expect seasonal weather delays on the Canals through March.](#)

High water in the Morgan City area (WC 99) - Expect slow traffic through this area until water levels fall.

Brazos Lock (WC 401) restrictions for high flows - Water velocity has risen above 2.5, we are now restricted to transiting through the lock daylight only and one barge at a time through the lock. Current predictions have the restrictions for Brazos lock may last until 1/13-14. Heavy delay, current queue is

Brazos Lock (WC 401) is closed daily for repairs - Lock will be closed during weekdays from 07:00-17:00 until 1/31/19. Repairs will not take place during periods of high flows.

Calcasieu Lock (WC 238) Closure—The contractor will NOT be working from Saturday, 12/22 through Tuesday, January 1, daytime closure will resume on Wednesday, January 2. Expect minimal delays during this time. Beginning on July 30, the lock will only be closed Monday-Thursday from 07:00-17:00. This change is an effort to help control the major delays occurring at this lock. Contractors will demolish the south chamber guide wall and start construction of a new guide wall. **The lock will be closed Monday-Thursday from 07:00—17:00 each day. Current queue is 1 boats.**

Heavy delay at Industrial Lock (LM 92) - Current queue at Industrial, 21 boats.

High water on the Warrior Tombigbee River - Reduced tow sizes and slow transits between Mobile (WT 2) and areas North

Daylight only through Coffeeville Lock (WT 117) - Due to high water

Special Note - Please be aware, ACBL's standard contract, under the "River Closures and Restricted Movements" section, gives ACBL the right to bill for lock delays.

Current Loading Drafts

Upper/Lower Mississippi		Illinois (Dry and Liquid)	
St. Paul to PDC (UM 635) SBD	9'0" Max	Lemont to Starved Rock (IR 231) SBD	9'3" Max
PDC to Linwood (UM 475) SBD	9'3" Max	Starved Rock to St. Louis SBD	10'0" Max
Linwood to St. Louis SBD	9'6" Max		
St. Louis to Cairo SBD	12'6" Max	Gulf	
Cairo to Gulf SBD	12'6" Max	Gulf NBD to St. Louis (UM 174)	1'6" FB Max
Ohio		Gulf NBD to Point Pleasant (OR 266)	10'6" Max
Pittsburgh to Bellaire (93) SBD	10'0" Max	Gulf NBD to Starved Rock (IR 231)	9'6" Max
Bellaire to Cairo SBD	11'6" Max	Gulf NBD Starved Rock to Lemont	9'3" Max

Lock Closures and Information

Gulf, Intercoastal, and Lower Miss				
Lock Name	Phone	Milepoint	Closure Dates	Notes
Old River	225-492-269 0	LM 304	11/15/18 - 3/29/19	Intermittent delays during daylight hours for repairs to a tainter valve
Bayou Boeuf	985-384-762 6	WC 93.3	August	Tentative dewatering closure expected to last 60 days
Brazos	979-233-125 1	WC 401	Ends 1/31	Closed during weekdays from 07:00 - 17:00
Algiers	504-394-571 4	LM 88	5/1/20 - 6/30/20	Intermittent Closures
Calcasieu	337-477-148 2	WC 238	5/21/18 - June/July 2019	Demolition of south chamber guide wall and construction of new guide wall. Closed M-F from 07:00 - 17:00, as of 7/30 contractor will only work Monday-Thursday

Illinois

Lock Name	Phone	Milepoint	Closure Dates	Notes
O' Brien Lock	773-646-218 3	326	1/16 - 2/6	Periodic closures to make necessary adjustments to the bushings on the four sector gates. Dates and times outlined on the first page of this report.
Starved Rock 2019	815-667-411 4	231	6/1 - 8/31	Work is for installation of new miter gates, both upper and lower will be replaced with vertical framed miter gates. Lock will be closed during daylight hours. Lockings will take place during nighttime hours with a 70' width restriction, no more than 10 barges at a time. There will be a 14-15 day total closure at each lock from 01:00 on 8/16 until 00:00 on 8/29. Lock will be fully open beginning at 05:30 on 7/3 until 06:00 on 7/8.
Marseilles 2019	815-795-259 3	245		
Lagrange 2020	217-225-331 7	80	7/1/20 - 10/30/20	90+ day full closure beginning on 7/1/20, dewatering lock chamber to repair crumbling concrete and steel structures, full closure, no transit
Peoria 2020	309-699-611 1	158	Mid July 2020 - Early Aug 2020	60+ day full closure beginning in mid July and ending early August, dewatering lock chamber for maintenance and inspection
Starved Rock 2020	815-667-411 4	231	7/1/20 - 10/30/20	120 day full closure beginning on 7/1/20 and ending 10/30/20, dewater lock chamber to replace/modify the miter gate sills to accommodate new miter gates
Marseilles 2020	815-795-259 3	245	7/1/20 - 9/30/20	90+ day full closure beginning on 7/1/20 and ending on 9/30/20, dewatering lock chamber to replace/modify miter gate sills to accommodate new miter gates
Dresden Island 2020	815-942-084 0	271	7/1/20 - 10/30/20	90+ day restriction period with a 14 day full closure, lock closed during daylight hours, lockings will occur during nighttime hours with a 70' width restriction
Brandon Road 2020	815-744-171 4	286		
Dresden Island 2023	815-942-084 0	271	June through August	90+ day full closures, dewatering lock chamber for major maintenance
Brandon Road 2023	815-744-171 4	286		

Upper Mississippi

Lock Name	Phone	Milepoint	Closure Dates	Notes
Lock 25	636-566-812 0	241	7/1/20 - 8/31/20	Intermittent, river will be closed during nighttime hours

Ohio

Lock Name	Phone	Milepoint	Closure Dates	Notes
Willow Island	740-374-871 0	162	7/8 - 9/30	Primary chamber closed during this time period, auxiliary will be available
R.C. Byrd	304-576-227 2	279	7/8 - 9/30	Primary chamber closed during this time period, auxiliary will be available

Arkansas

Lock Name	Phone	Milepoint	Closure Dates	Notes

Cumberland

Lock Name	Phone	Milepoint	Closure Dates	Notes

River Stages

River Stages	Milepoint	24 hr Change	Curr	24hr	48hr	72hr	Fld Stg
St. Paul	UM 837	0.50	4.08	#N/A			14
Dubuque	UM 579	-0.20	8.86	8.6	8.4	8.4	17
Morris	IR 265	-0.80	6.03	5.9	5.9	5.8	13
Beardstown	IR 88	-0.20	15.89	15.8	15.6	15.3	14
St. Louis	UM 174	0.80	18.72	18.9	18.9	18.5	30
Chester	UM 107	0.50	20.99	21.2	21.5	21.7	27
Cape Girardeau	UM 50	0.10	27.58	27.6	27.9	27.8	32
Pittsburgh	OR 0	-0.90	16.18	16.6	16.6	16.6	25
Cincinnati	OR 480	-1.80	31.63	31.4	30.8	30.5	52
McAlpine Upr	OR 605	-0.70	15.48	12.9	12.7	12.7	23
McAlpine Lwr	OR 606	-3.20	28.34	26.9	25.9	25.9	55
Evansville	OR 795	-2.20	31.52	29.3	25.5	25.1	42
Paducah	OR 930	-0.70	41.33	40.8	39.4	37.9	39
Cairo	OR 976	-0.50	47.14	46.6	45.6	44.5	40
Memphis	LM 725	0.10	31.93	31.8	31.3	30.9	34
Little Rock	AK 118	0.10	8.92	9.0	9.2	10.0	23
Greenville	LM 536	0.10	47.23	47.5	47.6	47.7	48
Vicksburg	LM 435	0.30	42.99	43.1	43.4	43.5	43
Natchez	LM 364	0.30	50.37	50.6	50.7	50.8	48
Baton Rouge	LM 237	0.2	36.46	36.8	37	37.1	35
New Orleans	LM 107	0.20	14.19	14.6	14.7	14.9	17
New Orleans Water Velocity			5.31				
Brazos Lock Water Velocity			5.70				
Colorado Lock Water Velocity			1.71				
Red	Flood Stage						
Orange	2' + increase						

Current Lock Delays

Lock	Milepoint	Queue
Lock 25	UM 241	0
Peoria/Lagrange	IR157/IR80	0/0
Melvin Price	UM 201	2
Kentucky	TR 22	2
Newburgh	OR 776	0
Olmsted	OR 964	2
Calcasieu	WC 238	22
Bayou Sorrel	PA 36	4
Port Allen	LM 228	6
Algiers	LM 88	1
Brazos	WC 401	36
Industrial	LM 92	21

Estimate 1 hour delay for each boat in queue

Water Temperatures

Illinois

Dresden (IR 271) - 38
 Marseilles (IR 245) - 36
 Peoria (IR 158) - 34

Inland Waterway Weather Report

A major Winter Storm highlights the weather today.

- A cold front will move across the Arkansas/Tennessee Valleys today/tomorrow with moderate to locally heavy snow/sleet/rain expected over the watershed from Caruthersville to Keokuk and moderate to locally heavy rain if predicted for the watershed south of Caruthersville. A Winter Storm Warning/Winter Weather Advisory is in effect for the region from Cairo to Rock Island for snow fall amounts to 9" and sleet amounts to 1/3".
- Model guidance continues to suggest a decent rain event for the Ohio/Middle Mississippi Valleys the end of next week. It is still beyond the 7-Day QPF so we will have to wait and see if this materializes.

7day QPF totals (through Friday morning):

- ½-2 ½" of rain/sleet/snow is forecasted for the region north of Caruthersville.
- ½-2 ½" of rain is forecasted for the region south of Caruthersville.

Bill Frederick, USACE

Precipitation Forecast

