

Friday, February 7, 2019

Key Issues

- Reduced tow size from St. Louis to Cairo, daylight only through Thebes bridge (UM 50)
- Poor operating conditions on the Illinois River, high water/flows now main concern
- No fog last night, wind delays on the Canals until tomorrow, fog again early next week
- Poor operating conditions on the Ohio River above Racine Lock (OR 237) due to high water

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

High water Ohio River...daylight restrictions - Daylight only operations at the following locks, Racine (OR 237), Markland (OR 531), and McAlpine (OR 607). We also have daylight only transit through Cincinnati (OR 473), as the river has risen above 45'. Current forecast has the river falling below 45' at the end of next week.

High water on the Ohio River, expect slower transits and longer await pickup times.

Ice on the Upper Ohio - Ice is no longer causing major issues, most of the ice that is left is flowing down the river, expect minor delays.

Cumberland River closed at Cheatham Lock (CR 149) for high water - Expected to last until Monday

Chicago/Illinois/Upper Miss

Ice on the Illinois River - Ice is no longer causing major issues, most of the ice that is left is flowing down the river, expect minor delays.

High water/flows on the Illinois River - High flows are preventing tows from transiting through Starved Rock Lock (IR 231) and Marseilles Lock (IR 245). Some boats may experience bridge clearance issues, especially in the Ottawa (IR 236) area due to the high water. Expect this to last another 2-3 days.

The Upper Miss closed for dredging - Dredging is ongoing and expected to conclude on Saturday, February 9. The river will be closed nightly from 17:00 until 07:00 the following day. The closures will occur 7 days a week.

Ice causing delays at Mel Price Lock (UM 201) - Ice continues to build above the lock, making transit difficult in this area, expect delays. Boats are transiting through the lock, but operations are moving slowly.

Reduced tow size from St. Louis to Cairo - Tows reduced by one string (5 barges)

Daylight only transit through Thebes bridge (UM 50)

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) - Daylight only on a boat by boat basis.

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, tows can only transit through Baton Rouge bridge during daylight hours.

Fog/Wind delays - No fog last night. The canals will experience wind delays until Saturday PM. There will be a brief 24-48 window of improved conditions, but then fog is expected to roll back in early next week. Expect significant delays in pickup and transit times.

Delay at Industrial Lock (LM 93) - Current queue is 52 boats.

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

Max draft coming into or out of the Gulf in the SouthWest Pass (LM 3) - Blue water vessels are restricted to 40' in this area, dredging is ongoing, 96 vessels in queue to come in/out of the Gulf.

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

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

Calcasieu Lock (WC 238) Closure—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 23 boats.**

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

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.

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	225-492-2690	LM 304	11/15/18 - 3/29/19	Intermittent delays during daylight hours for repairs to a tainter valve
Bayou Boeuf	985-384-7626	WC 93.3	August	Tentative dewatering closure expected to last 60 days
Brazos	979-233-1251	WC 401	Ends TBD	Closed during weekdays from 07:00 - 17:00
Algiers	504-394-5714	LM 88	5/1/20 - 6/30/20	Intermittent Closures
Calcasieu	337-477-1482	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	773-646-2183	326	Postponed	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	815-667-4114	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 an 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	815-795-2593	245		
Lagrange 2020	217-225-3317	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	309-699-6111	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	815-667-4114	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	815-795-2593	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	815-942-0840	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	815-744-1714	286		
Dresden Island 2023	815-942-0840	271	June through August	90+ day full closures, dewatering lock chamber for major maintenance
Brandon Road 2023	815-744-1714	286		

Upper Mississippi				
Lock Name	Phone	Milepoint	Closure Dates	Notes
Lock 25	636-566-8120	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	740-374-8710	162	7/8 - 9/30	Primary chamber closed during this time period, auxiliary will be available
R.C. Byrd	304-576-2272	279	7/8 - 9/30	Primary chamber closed during this time period, auxiliary will be available
Winfield (Kanawha River)	304-586-2501	KR 31	7/8 - 8/12	Main chamber will close for repairs, the old chamber is to be used (1 barge per lockage), expect severe delays - Lock is expected to repair for 34 days

Arkansas				
Lock Name	Phone	Milepoint	Closure Dates	Notes

Tennessee

River Stages

River Stages	Milepoint	24 hr Change	Curr	24hr	48hr	72hr	Fld Stg
St. Paul	UM 837	0.10	3.93	#N/A			14
Dubuque	UM 579	0.00	10.34	10.3	10.1	9.9	17
Morris	IR 265	1.00	14.35	13.8	12.1	10.4	13
Beardstown	IR 88	0.70	16.42	17.2	18.1	18.9	14
St. Louis	UM 174	3.40	24.03	25.0	24.0	21.9	30
Chester	UM 107	3.10	26.15	28.5	29.4	28.1	27
Cape Girardeau	UM 50	3.20	31.29	32.6	34.6	35.5	32
Pittsburgh	OR 0	5.00	23.00	22.2	19.0	17.6	25
Cincinnati	OR 480	8.10	47.65	48.0	48.7	49.8	52
McAlpine Upr	OR 605	1.80	18.77	19.5	20.5	21.1	23
McAlpine Lwr	OR 606	9.80	44.76	48.7	50.7	51.5	55
Evansville	OR 795	5.30	30.32	34.1	37.9	39.7	42
Paducah	OR 930	3.60	34.35	36.6	39.1	41.3	39
Cairo	OR 976	2.70	41.61	44.0	46.2	47.7	40
Memphis	LM 725	-1.00	25.55	25.2	26.0	28.1	34
Little Rock	AK 118	1.50	9.34	9.3	8.9	8.8	23
Greenville	LM 536	0.00	44.52	44.5	44.4	44.1	48
Vicksburg	LM 435	0.10	41.63	41.6	41.5	41.4	43
Natchez	LM 364	-0.10	49.38	49.3	49.2	49.1	48
Baton Rouge	LM 237	-0.2	36.22	36	35.9	35.8	35
New Orleans	LM 107	-0.10	14.14	14.2	14.1	14.1	17
New Orleans Water Velocity			5.96				
Brazos Lock Water Velocity			1.67				
Colorado Lock Water Velocity			1.45				
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	5
Belleville	OR 204	5
Olmsted	OR 964	1
Calcasieu	WC 238	20
Bayou Sorrel	PA 36	8
Port Allen	LM 228	2
Algiers	LM 88	17
Industrial	LM 92	32
Estimate 1 hour delay for each boat in queue		

Water Temperatures

Illinois

Dresden (IR 271) - 33

Marseilles (IR 245) - 32

Peoria (IR 158) - 31

Inland Waterway Weather Report

One Event Down...Next to Begin on Sunday highlighting the weather today.

- High pressure will dominate the weather over the watershed today/tomorrow with colder temperatures and relatively dry conditions expected over the entire watershed.
- A cold front will move out of the Plains States and across the watershed Sunday-Tuesday. Another round of moderate to locally heavy rain/freezing rain/snow is forecasted for the region north of Cairo...and moderate to heavy rain is expected over the region south of Cairo. It appears that the colder air will push a little farther south than Wednesday/Yesterday's event which, if it occurs, would keep the heavier rains south of the mainstem Ohio.
- Model guidance suggests that another moderate to heavy rain/snow event will occur beginning next Friday. Model guidance still shows the heaviest rains will fall over AR/TN/KY. Guidance also suggests the possibility that these heavy rain events could end by the last week of February.

7day QPF totals (through Friday morning):

- ½-2" of rain/freezing rain/snow are forecasted for the region north of Cairo.
- 1-5" of rain are forecasted for the region south of Cairo.

Bill Frederick, USACE

Precipitation Forecast

Precipitation (in) during the period:

Fri, 08 FEB 2019 at 00Z

-to-

Sat, 16 FEB 2019 at 00Z

Sat, 16 FEB 2019 at 00Z

-to-

Sun, 24 FEB 2019 at 00Z

