

# American Currents

**Hot Topics:**

- Lock 52, dam is up, boats are locking
- LaGrange Lock, dam is going up today
- Upper Miss mi. 331, now open, 1 way traffic, dredge on site

## NOTEWORTHY NEWS & INDUSTRY ISSUES

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

**Lock 52 (Ohio River, mi. 938), dam is up, boats are locking** – at this time, expect about 1 day of delay – delay could build to 2-4 or more days of delay depending on volume. Out-draft flow is strong; an industry assist boat is helping tows navigate this area.

**LaGrange Lock, dam expected to come up at some point today** - when the dam comes up we will be faced with delay as noted below:

**Illinois River, LaGrange Lock, 70' restriction** - LaGrange Lock and Dam, mi. 80.2 will be closed Monday through Saturday, from 0600 to 1700 hrs. beginning on Thursday, 15-June-2017 to Tuesday, 12-Sept-2017. When the dam is up, delay could accumulate to 3-4 days of delay over a span of 1-2 weeks.

**Upper Miss mi. 331, now open, 1 way traffic, dredge on site** – dredging is expected to complete over the weekend, once complete traffic will return to normal.

**Rock Pinnacle Removal/Dredging Work (UMR 38-46)** – no confirmation of this, but the gauge level may be favorable for this work to start by next week

1. The long range forecast for the Mississippi River at Cape Girardeau indicates that river levels will be below 15-feet in late July. We will continue to monitor the forecasts and we will provide updates as we receive them.
2. USACE contractor, Massman Construction, will be working with two separate floating plants, consisting of barge mounted excavators between miles 46 and 38 UMR.
3. Massman Construction will be working from 07:00 to 19:00 hours, 7 days a week.
4. USCG will organize test tows to determine safe passage requirements during working hours.
5. Safe passage arrangements can be made by calling Massman Construction's contact vessel, MV Keith Jacobsen, on VHF channel 13, prior to transiting the area.
6. For additional information regarding Rock Removal floating plant activity, please contact the Area Engineer, Jeff Derrick at 573-204-7770. For overall Project information, please contact Project Manager Mike Rodgers, 314-331-8215.

**Current Flooding Conditions**

No major flooding to report

### Current Loading Drafts

Upper/Lower Mississippi		Illinois	
St. Paul to Gulf / Davenport to Gulf	9'0" / 9'6"	LIQUID above Starved Rock	9'0" Max
St. Louis to Gulf	1'6" Freeboard	Lemont to Starved Rock	9'3" Max
<b>Missouri</b>		Starved Rock to Gulf	9'6" Max
Brunswick, MO South	9'3" Max	Meredosia to Gulf	10'0" Max
		<b>Gulf</b>	
<b>Ohio</b>		Gulf N/B to St. Louis	11'6" Max
NBD Cairo to Pittsburgh	10'0"	Gulf N/B to Pittsburgh	10'0" Max
Pittsburgh SBD to Gulf	10'0"	Gulf N/B to Lemont	9'3" Max

## LOCK CLOSURES AND INFORMATION

Lock Name	Phone	Mile Pt	Closure Dates	Notes
<b>GULF and INTRACOASTAL</b>				
Harvey	504-366-4683	98.3	9/6-11/6	Dewatering for repairs, closure expected to last 60 days.
<i>Bayou Boeuf</i>	<i>985-384-7626</i>	<i>93.3</i>	<i>August/2019</i>	Tentative dewatering closure expected to last 60 days – (changed from 2017)
<b>ILLINOIS WATERWAY</b>				
LaGrange Lock	217-225-3317	80.2	6/15 – 9/12	LaGrange Lock and Dam, RM 80.2 will be closed Monday through Saturday, from 0600 to 1700 hrs. beginning on Thursday, 15-June-2017 to Tuesday, 12-Sept-2017. There will be a 70' width restriction at all times. Assist tug required to take the additional width through the lock during the open times. <i>Delay could build to 4 or more days.</i>
<i>Starved Rock 2018</i>	<i>815-667-4114</i>	<i>231</i>	<i>2018, Q3/Q4</i>	Repairs to the upper guide wall. 10 hour per day closure, from 07:00-17:00, 7 days/week. Lock will be open from 17:00 through 07:00 the next day each day during the closure. Lockages will be restricted to 80' during this time, as there will be a coffer box in place on the lock wall. Industry can get on queue with a 15 barge tow; assist tug required to take the additional width through the lock during the open times.
<i>Starved Rock 2019</i> <i>Marseilles Lock 2019</i>	<i>815-667-4114</i> <i>815-795-2593</i>	<i>231</i> <i>245</i>	<i>2019, Q4</i> <i>2019, Q4</i>	Work is for installation of new miter gates, both upper and lower gates will be replaced with vertical framed miter gates. Work to be performed during the day, which will close the lock for 8-10 hours per day. Locking will take place during the remaining hours with an 80' restriction. <i>(Can lock 15 barges tows, just need a tug to assist during lockage).</i> <b>Note: there will be a 15 day total closure during the work.</b>
<i>Illinois River Complete Lock Closures 2020</i>	<i>Multiple Locks</i>		<i>2020 Q3/Q4</i>	<b>Starved Rock and Marseilles: Total Closure</b> , work is dewatering the lock chamber for major maintenance, along with Peoria, should in fact the closure be moved from 2019. <b>Dresden Island and Brandon Road:</b> Closures are for installation of new vertical framed miter gates and will be coordinated the same as the Marseilles and Starved Rock closures in FY2019. <b>LaGrange:</b> This closure would be for Major Rehab and is dependent upon funding. Total funding is \$89 Million and we would need half in 2018 and half in 2019 split 50/50 with IWTF. <b>Peoria:</b> While this 60 day closure is still scheduled for maintenance, the Corps stated they have an 80% confidence that this closure will move to FY2020, to confirm with industry by the end of March this year.
<i>Illinois River Complete Lock Closures 2023</i>	<i>Multiple Locks</i>		<i>2023, Q3/Q4</i>	<b>Brandon Road and Dresden Island: Total closure.</b> Work is dewatering the lock chamber for major maintenance.
<b>UPPER MISSISSIPPI</b>				
Locks 11,13,14,15,18,22	Temporary Closures	Multiple Locks	TBA 2017	30 closure periods, ranging from 4-36 hours will occur during 2017, dates TBA
Lock 15	309-794-5266	482.9	TBA 2017	Possible closures due to guide wall deterioration
<b>OHIO</b>				
Dashields	724-457-8430	13	7/10-8/31	Starting the second week of July through the end of August the primary lock chamber will be closed Monday through Thursday 6:00 A.M. to 4:00 P.M.
Belleville	740-378-6110	203	10/2-12/7	Main chamber closed for repairs, replacing upper miter gate
Meldahl	513-876-2921	436	5/7-9/29	Main chamber to close for repairs, replacing upper miter gate, aux lock available, expect 4 hours delay
Cannelton	812-547-2962	720	6/26-9/17	Main chamber to close for repairs, miter gate work, aux lock available, expect 12-24 hours delay
Lock 52	618-564-3151	939	7/17-9/29	Tentative Aux chamber closed intermittently for repairs, may move up 30 days, depending on river stage
<b>Arkansas River</b>				
Dardanelle Lock	479-890-4987	205	9/5-9/14	Complete closure for 10 days from 0600 9/5 – 1800 9/14. The week before, intermittent closures, lasting a few hours, at a time will occur.

## US Inland Waterways Weather Report

Daily rounds of heavy rain over the Arkansas/Red River Valleys highlight the weather again today.

A cold front stretches across the Illinois/Middle Mississippi/Arkansas Valleys this morning. The front will move southward today and become stationary over the Tennessee/Lower Mississippi/Arkansas/Red Valleys through Tuesday. After that, it will lift northward as a warm front Wednesday-Friday. Daily rounds of moderate to locally heavy rain are expected with the heaviest rain predicted to fall over the Arkansas/Red River Valleys.

7day QPF totals (through Friday morning):

1 ½-6" of rain is forecasted for the Arkansas/Red River/Middle Missouri Valleys.

½-1 ½" is forecasted for the remainder of the region north of Cairo.

1-2 ½" of rain is forecasted for the remainder of the region south of Cairo.

The Climate Prediction Center currently expects (8/16-8/24):

- Precipitation:

Above normal to normal precipitation over the entire region.

- Temperature:

Above normal to normal temperatures over the region north of Keokuk.

Normal to below normal temperatures over the region south of Keokuk.

Bill Frederick, USACE

Lock	Vessel Queue	Lock Delay
Lock 15	UM482	3
LaGrange	IR080	N/A
Melvin Price	UM201	3
Lock 27	UM185	3
Meldahl	OR436	4
Cannelton	OR720	2
Lock 52	OR939	21
Bayou Sorrel	PA36	0
Port Allen	LM228	1
Industrial (IHNC)	LM92	17
Algiers	LM88	3

Industry standard is to estimate 1 hour per boat for delays while waiting in lock queue.

### Quote of the Day

"For every minute you are angry you lose sixty seconds of happiness."

— Ralph Waldo Emerson



"From the Pilot House", ACBL's M/V Joe Mack Hamilton, westbound at Bayou Boeuf Lock (Courtesy of RiverWorks Discovery)

River Gauges	Curr/24 hr Change	24 hr>	48 hr>	72 hr>	flood stage
St. Paul	3.5/-0.2	3.8	3.8	3.7	14
Dubuque	9.1/+0.1	8.8	8.7	8.6	17
Hannibal	11.1/-0.1	11.2	11.2	11.2	16
Morris	5.0/+0.2	5.3	5.2	5.1	13
Beardstown	9.1/-0.9	8.5	8.3	8.2	14
St. Louis	11.6/-2.0	10.5	9.8	9.0	30
Chester	15.2/+0.3	14.0	12.9	12.2	27
Cape Girardeau	20.6/+2.4	20.9	19.8	18.6	32
Pittsburgh	16.5/-0.3	16.6	16.6	16.6	25
Cincinnati	27.1/+0.5	26.5	26.5	26.4	52
McAlpine Upr	12.8/-0.1	12.5	12.5	12.5	23
McAlpine Lwr	12.6/-0.5	12.3	12.0	11.8	55
Evansville	14.2/-0.2	14.3	14.1	13.9	42
Paducah	15.9/+0.6	15.7	15.7	15.7	39
Cairo	18.8/+1.3	19.4	19.0	18.4	40
Memphis	3.7/-1.1	3.8	3.9	4.3	34
Little Rock	7.6/+0.3	7.4	7.6	7.6	23
Greenville	25.2/-1.8	23.8	22.4	21.8	48
Vicksburg	23.3/-0.6	21.2	19.7	18.4	43
Natchez	31.9/nc	30.6	29.2	27.9	48
Baton Rouge	18.5/+0.4	18.3	18.0	17.0	35
New Orleans	5.8/nc	5.9	5.9	5.9	17
RED	at flood stage				
Orange	2' + increase				

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