

American Currents

Hot Topics:

- Peoria Lock is dropping their dam as we speak
- LaGrange Lock could also drop their dam this weekend
- High flows in Lemont – 9,400 CFS, boats not moving
- 3 days of delay at LaGrange Lock

NOTEWORTHY NEWS & INDUSTRY ISSUES

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

Peoria Lock is dropping their dam as we speak – dam should be down for 4-5 days allowing boats to run the pass (no delay)

LaGrange Lock could also drop their dam this weekend - if this happens, the build-up of boats will be cleared and this area should be free of delay for 4-5 days. **Note** there is presently 3 days of delay at LaGrange.

High flows in Lemont – 9,400 CFS, boats not moving – expect delays in the Marseilles-north area to Lemont for the next 1-2 days

Ohio River, Lock 52, delay expected in raising dam - Due to the falling river conditions and expected low river stages, the wicket dam at Locks and Dam 52 (OHR MM 938.9) will have to be raised in the coming days (**Lock 52 UPDATE: now looks like late next week for dam to come up**). Due to the condition of the dam, project personnel will have to raise the wickets in unconventional order. **Expect river closure to be up to 72 hours to allow the project staff to safely raise the wicket dam** and allow pool to stabilize. At this time, expected 12 hours delay – delay could build to 1 or more days delay depending on volume.

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. *There are a lot of assumptions here, but with some investigation and discussion, here is what the delay picture might look like:* During a week, if the lock on average has 8 boats show up to lock each day, and with closure time and restrictions, only ~4 boats can lock each day, that leaves 4 boats per day that cannot make it through lock. Over 6 days, that makes 24 boats or 4 days of accumulated delay. Assuming that 10 boats could be cleared on Sunday, that still leaves 14 boats plus ~ 8 more to arrive on Monday, delay could easily accumulate to 3-4 days of delay. Clearly there should be some discussion about making efforts to clear the lock queue once it reaches a certain point.

Rock Pinnacle Removal/Dredging Work (UMR 38-46)

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.

Revetment operations, mi. 417-428 Lower Miss, delay – mat laying operations in this area, boats could experience intermittent delays

Current Flooding Conditions

No major river 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
Missouri		Starved Rock to Gulf	9'6" Max
Brunswick, MO South	9'3" Max	Meredosia to Gulf	10'0" Max
		Gulf	
Ohio		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 / Pt. Pleasant SBD to Gulf	10'0" / 10'6"	Gulf N/B to Lemont	9'3" Max

LOCK CLOSURES AND INFORMATION

Lock Name	Phone	Mile Pt	Closure Dates	Notes
GULF and INTRACOASTAL				
Harvey	504-366-4683	98.3	8/2017	Tentative dewatering closure expected to last 60 days.
Bayou Sorrel Lock	225-659-7773	36.7	6/7 – 8/7	Bayou Sorrel Lock will be closed to navigation from 7:00 a.m. through 5:00 p.m., Mondays through Thursdays, due to necessary guide wall repairs
<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)
ILLINOIS WATERWAY				
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> Note: there will be a 15 day total closure during the work.
<i>Illinois River Complete Lock Closures 2020</i>	<i>Multiple Locks</i>		<i>2020 Q3/Q4</i>	Starved Rock and Marseilles: Total Closure , work is dewatering the lock chamber for major maintenance, along with Peoria, should in fact the closure be moved from 2019. Dresden Island and Brandon Road: 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. LaGrange: 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. Peoria: 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>	Brandon Road and Dresden Island: Total closure. Work is dewatering the lock chamber for major maintenance.
UPPER MISSISSIPPI				
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
OHIO				
Dashields	724-457-8430	13	7/10-8/30	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
Greenup	606-473-7441	341	6/13-7/21	Main chamber closed for repairs, 0700-1700 Monday-Thursday, auxiliary chamber available during working hours, both chambers available during non-working hours, expect 4-8 hours delay
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
TENNESSEE / CUMBERLAND				

US Inland Waterways Weather Report

Scattered showers/thunderstorms highlight the weather today. A cold front stretches across the Ohio/Middle Mississippi Valleys. The front will move southward through Sunday with moderate to locally heavy rain predicted.

Another cold front will move through the watershed tomorrow-Monday with light to moderate rain and some severe weather predicted during its passage.

A third cold front will enter the region on Tuesday and move slowly southward. Moderate to locally heavy rain is expected.

7 day predicted rainfall:

1-2 1/4" of rain is forecasted for the region north of Keokuk.

3/4" or less of rain is forecasted for the region from Cairo to Keokuk.

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

The Climate Prediction Center currently expects (7/19-7/27):

Above normal to normal precipitation over the entire region.

Above normal to normal temperatures over the entire region.

Bill Frederick, USACE



Thebes rock pinnacle area (file photo)

Lock	Vessel Queue	Lock Delay
Lock 15	UM482	0
LaGrange	IR080	13
Melvin Price	UM201	0
Lock 27	UM185	3
Meldahl	OR436	4
Cannelton	OR720	7
Lock 52	OR939	N/A
Bayou Sorrel	PA36	0
Port Allen	LM228	4
Industrial (IHNC)	LM92	30
Algiers	LM88	1

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

Quote of the Day

"Don't be pushed around by the fears in your mind. Be led by the dreams in your heart."

— Roy T. Bennett

River Gauges	Curr/24 hr Change	24 hr>	48 hr>	72 hr>	flood stage
St. Paul	3.5/+0.2	3.6	3.5	3.5	14
Dubuque	10.2/-2.0	10.0	10.0	10.0	17
Hannibal	12.0/+0.2	12.3	12.5	12.8	16
Morris	7.2/+0.6	6.9	6.5	6.2	13
Beardstown	10.7/+0.2	10.8	10.4	10.7	14
St. Louis	13.7/nc	13.6	14.0	14.9	30
Chester	16.2/+0.2	16.0	15.9	16.3	27
Cape Girardeau	21.6/nc	21.7	21.5	21.5	32
Pittsburgh	16.5/-0.4	16.6	16.6	16.6	25
Cincinnati	29.1/-0.1	29.4	30.0	29.5	52
McAlpine Upr	12.9/+0.2	12.5	12.5	12.5	23
McAlpine Lwr	20.9/+2.6	20.2	21.4	22.3	55
Evansville	17.3/+0.8	18.3	17.9	18.5	42
Paducah	16.9/-1.2	16.2	16.4	16.6	39
Cairo	26.2/-1.5	25.5	25.4	25.5	40
Memphis	14.4/-1.3	13.0	11.8	11.1	34
Little Rock	7.6/-0.1	7.5	7.7	7.7	23
Greenville	34.0/-0.2	33.5	32.6	31.8	48
Vicksburg	30.1/+0.1	29.8	29.2	28.5	43
Natchez	38.5/+0.2	38.5	38.2	37.7	48
Baton Rouge	25.4/+0.2	25.6	25.7	25.5	35
New Orleans	8.4/+0.1	8.4	8.5	8.5	17
RED	at flood stage				
Orange	2' +increase				

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