

American Currents

Hot Topics:

- Fog delay prevalent in Gulf over weekend
- Lock 52 (OR938.9) – dam not expected to be raised this week

NOTEWORTHY NEWS & INDUSTRY ISSUES

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

Fog Delay – most boats reported between 4-6 hours of delay for the Gulf area

Lock 52 (OR938.9) – dam not expected to be raised this week – We had a small bump in precipitation; Lock 52 should stay down. However, please note this information for if and when the dam is raised: The Dam at Locks and Dam 52 has continued to deteriorate over the past year resulting in multiple, consecutive wicket holes. Expect river closures to last 48-72 hours while project personnel raise the dam. Once the dam is raised and navigation traffic is moved to the lock chambers, mariners should expect out-draft upon arrival and departure due to the configuration of the dam.

Missouri River – we are expecting a normal navigation season for the Missouri River (normal season from the mouth near St. Louis is ~April 1 – ~December 1). Please check with your Sales or Logistics representative for additional details and variability.

Rock Pinnacle Removal/Dredging Work (UMR 38-46) – When the Cape Girardeau river gauge falls to 15ft, rock pinnacle removal work will begin near Thebes, IL. Delays and tow restrictions to be expected during this work from 0700-1900, 7 days/wk. The expectation is that this work would not begin until we are well into summer.

Montgomery Lock & Dam Four (4) Day Closure of the Main Chamber The 600' Main Chamber at Montgomery L/D, Ohio River Mile 31.7, will be closed for four days beginning March 17 through March 20, 2017, to make emergency repairs to the downstream gate cylinder. The 360' auxiliary chamber will be available for locking. Industry's Self Help program will be in place – *expect 1-2 days in transit delay for barges to transit the Three Rivers area*

Cumberland River Mile 102-104: Channel maintenance dredging at mile 102-104 (Cumberland City Island) on the Cumberland River will begin Jan 9 and continue through Mar 31, 2017. May experience some barge transit delays

Riprap Placement Tennessee River Mi.244 - Nov 14-Apr 14,2017 Monday-Friday 6am-5pm daily crews will be placing erosion control riprap on the left descending bank of the Tennessee River near mile 244. All scheduled work is outside the navigation channel.

Harvey Canal, Harvey Floodgates closing 3/13-18 - Due to safety concerns a full canal closure is required to accomplish inspection work at the Harvey Floodgates. The gates will be closed to navigation from 0800 Monday, 13 March through 1800 Saturday 18 March. The plant will consist of a government work barge and the tender vessel M/V BIENVILLE, which can be reached at (504) 481-7417. This structure is located just south of the Lapalco Bridge, on the Gulf Intracoastal Waterway (GIWW), Mile 2.8, West of Harvey Lock (WHL). The Algiers Lock can be used as an alternate route if necessary.

Current Flooding Conditions

No flooding to report

LOCK CLOSURES AND INFORMATION

Lock Name	Phone	Mile Pt	Closure Dates	Notes
MONONGAHELA				
Braddock	412-271-1272	11.3	3/27-4/28	Main chamber closed for repairs, replacing upper miter gate
Charleroi (L&D 4)	724-684-8442	41.5	5/14-6/20	Repairs to concrete & ladders, closure during the week, open on wknds.
GULF and INTRACOASTAL				
Harvey	504-366-4683	98.3	8/2017	Tentative dewatering closure expected to last 60 days.
Bayou Boeuf	985-384-7626	93.3	8/2017	Tentative dewatering closure expected to last 60 days – may get pushed back to 2018
Port Allen	225-343-3752	64	3/6-3/17	Port Allen Lock will be closed to navigation between 6:30 a.m. and 6:30 p.m. A U.S. Gov't Floating Plant will be making repairs to the emergency stop log hoist.
ILLINOIS WATERWAY				
LaGrange	217-225-3317	80.2	6/1-8/29	Installation of Bulk head Slots. 10 hour per day closure, from 07:00-17:00, 7 days/week. Lock will 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.
Peoria	309-699-6111	157.7	5/17-5/30	Two 36 hour closures for installation of new miter gates
Starved Rock	815-667-4114	231	6/1-7/7	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.
Starved Rock 2018	815-667-4114	231	2018, Q3/Q4	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.
Starved Rock 2019 Marseilles Lock 2019	815-667-4114 815-795-2593	231 245	2019, Q4 2019, Q4	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. (Can lock 15 barges tows, just need a tug to assist during lockage). Note: there will be a 15 day total closure during the work.
Illinois River Complete Lock Closures 2020	Multiple Locks		2020 Q3/Q4	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.
Illinois River Complete Lock Closures 2023	Multiple Locks		2023, Q3/Q4	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, no dates have been announced at this time
Lock 14	309-794-4357	556.7	12/12/17 - 3/6/18	Guide wall repairs, closed to all navigation
Lock 16	309-537-3191	457.2	12/12/17 - 3/6/18	Lock dewatering for inspections and repairs, closed to all navigation
Lock 18	309-873-2246	410.5	12/12/17 - 3/6/18	Contractor to install lock relief wells, closed to all navigation
OHIO				
Emsworth	412-766-6213	6	6/26-9/22	Open daily 0001-0800, and open alternate wknds same, 80' restriction
Belleville	740-378-6110	203	10/2-12/7	Main chamber closed for repairs, replacing upper miter gate
Meldahl	513-876-2921	436	5/1-9/29	Main chamber closed for repairs, replacing upper miter gate
Markland	859-567-7661	532	3/6-4/26	Tentative Aux chamber closed for repairs
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				
Pickwick	731-925-2334	TR206.7	6/13-6/30	Tentative Primary Chamber Closure.
Wilson	256-764-5223	TR259.4	4/17-6/8	Major maintenance has been scheduled at Wilson Main Lock beginning 17 April 2017 and continuing through 08 June 2017. Mariners can expect intermittent delays during working hours from 0600 to 1630. For 12 days during this period, mariners should expect a full 10 hour delay. Wilson Lock operates on a 24-hr schedule and it is anticipated that any queues that develop due to the repair work will be cleared on a nightly basis. Wilson Aux Lock will not be available during this time.
Kentucky	270-362-4226	TR022.3	2/7-4/30	Deconstruction of Mooring Cell #4 Upper Approach, Repairs to upper boom wall, Installation of trash screens upper approach, 0600-1630, intermittent delays 2/21-4/30, closed to traffic 3/7-4/10
Barkley Lock	270-362-4222	CR030.6	2/21-4/10	Installation of trash screens upper approach. The lock will be closed to traffic from 6:00 am to 4:30 pm daily during the work period.

Current Loading Drafts			
Upper/Lower Mississippi		Illinois	
St. Louis to Gulf	1'6" Freeboard	LIQUID above Starved Rock	9'0" Max
		Lemont to Starved Rock	9'3" Max
		Starved Rock to Gulf	9'6" Max
Brunswick, MO South	9'3" Max	Havana to Gulf	9'6" Max
Ohio		Gulf	
Pittsburgh to South Point	10'0" Max	Gulf N/B to St. Louis	11'6" Max
South Point to Cairo	10'6" Max	Gulf N/B to Pittsburgh	10'0" Max
		Gulf N/B to Lemont	9'3" Max

Quote of the Day

“When I was a boy of 14, my father was so ignorant I could hardly stand to have the old man around. But when I got to be 21, I was astonished at how much the old man had learned in seven years.”

- Mark Twain

US Inland Waterways Weather Report

Rain on the horizon highlights the weather today.

A cold front stretches southwestward from a low centered over MO. The front will move slowly across the watershed through Wednesday with light/moderate rain expected during its passage.

Another cold front is expected to move out of the Central Plains and across the watershed on Saturday/Sunday with moderate to locally heavy rain predicted during its passage.

A third cold front will move out of the Central Plains and across the watershed on Monday/Tuesday with another round of moderate to locally heavy rain expected.

Above normal precipitation is expected over the entire watershed.

Above normal temperatures is expected over the entire watershed.

Bill Frederick, USACE

Lock	Vessel Queue	Lock Delay
Marseilles IR245	2	Industry standard is to estimate 1 hour per boat for delays while waiting in lock queue.
Melvin Price UM201	0	
Lock 27 UM185	1	
Robert C. Byrd OR279	1	
Lock 52 OR939	N/A	
Lock 53 OR962	N/A	
Bayou Sorrel PA36	3	
Port Allen LM228	1	
Industrial (IHNC) LM92	10	
Algiers LM88	7	

River Area	24 hr	Forecast			Flood Stage
	Change	24 hr	48 hr	72 hr	
Hannibal	13.9/-0.3	13.5	13.2	12.9	16
Morris	5.8/+0.3	5.5	5.5	5.5	13
Beardstown	10.3/-0.1	10.8	10.7	10.7	14
St. Louis	13.2/-0.4	12.8	12.2	11.7	30
Chester	16.0/-0.6	15.6	15.1	14.6	27
Cape Girardeau	21.1/-0.6	20.6	20.1	19.6	32
Pittsburgh	16.8/m	16.6	16.6	16.6	25
Cincinnati	28.7/+0.7	29.0	29.1	29.2	52
McAlpine Upr	12.9/+0.4	12.5	12.5	12.5	23
McAlpine Lwr	17.2/-0.9	19.0	22.0	23.7	55
Evansville	17.0/-0.8	17.0	17.8	19.3	42
Paducah	16.2/-1.9	15.3	15.4	15.8	39
Cairo	26.0/-1.7	24.8	23.9	23.9	40
Memphis	14.9/-1.9	13.5	12.1	11.1	34
Little Rock	7.4/m	7.4	7.4	7.4	6.8
Greenville	34.0/-0.8	33.0	31.8	30.5	48
Vicksburg	30.3/-0.7	29.5	28.6	27.4	43
Natchez	38.4/-0.4	37.8	37.1	36.2	48
Baton Rouge	26.0/-0.1	25.7	25.1	24.6	35
New Orleans	8.3/+0.1	8.3	7.8	7.8	17



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