

St. Louis District

Navigation Channel Condition Status Report - December 11, 2024



US Army Corps of Engineers
St. Louis District

Lock and Dam 22
TW Current = 5.4 ft.
TW 1 Wk Forecast = 5.3 ft.
TW 2 Wk Forecast = 4.8 ft.

Lock and Dam 24
TW Current = 14.8 ft.
TW 1 Wk Forecast = 14.8 ft.
TW 2 Wk Forecast = 14.1 ft.

RM 241.4 - TRANSIT INSTRUCTION / CLOSURE
Construction activities are occurring at L/D 25 on the guide walls until 1/1/25, during which various pins and kevels along the guide walls will be unavailable. Traveling kevel system will remain available for use. The lock will be closed for maintenance from 1/1/25 through 3/2/25. Mariners should be alert for, and abide by, any special instructions issued by the Lockmaster and plan for the closure accordingly.

Lock and Dam 25
TW Current = 15.1 ft.
TW 1 Wk Forecast = 14.9 ft.
TW 2 Wk Forecast = 14.3 ft.

RM 221.3 - CHANNEL CONDITION
Shoaling has been reported in the vicinity of 221.3. Broadcasting Green and Red AIS-Aton to mark a 9 ft deep by 300 ft wide channel.

Mel Price Locks and Dam
TW Current = 3.2 ft.
TW 1 Wk Forecast = 3.3 ft.

RM 200.5 & 185.5 - CHANNEL CONDITION
Commencing 1/1/25 through 4/1/25, Mel Price and Lock 27 Main Chambers will be closed for repairs. During the closure, the auxiliary lock chamber will remain open and available for traffic. Mariners should be alert for and abide by any special instructions issued by the lockmaster.

St. Louis
Gage = -0.3 ft.
Stage 1 Wk Forecast = -0.2 ft.
Stage 2 Wk Forecast = -1.7 ft.

RM 160.6 - CHANNEL CONDITION
Shoaling has been reported in the vicinity of 160.6.

RM 132.4 - CHANNEL CONDITION
Sailing line updated on IENC at RM 132.4.

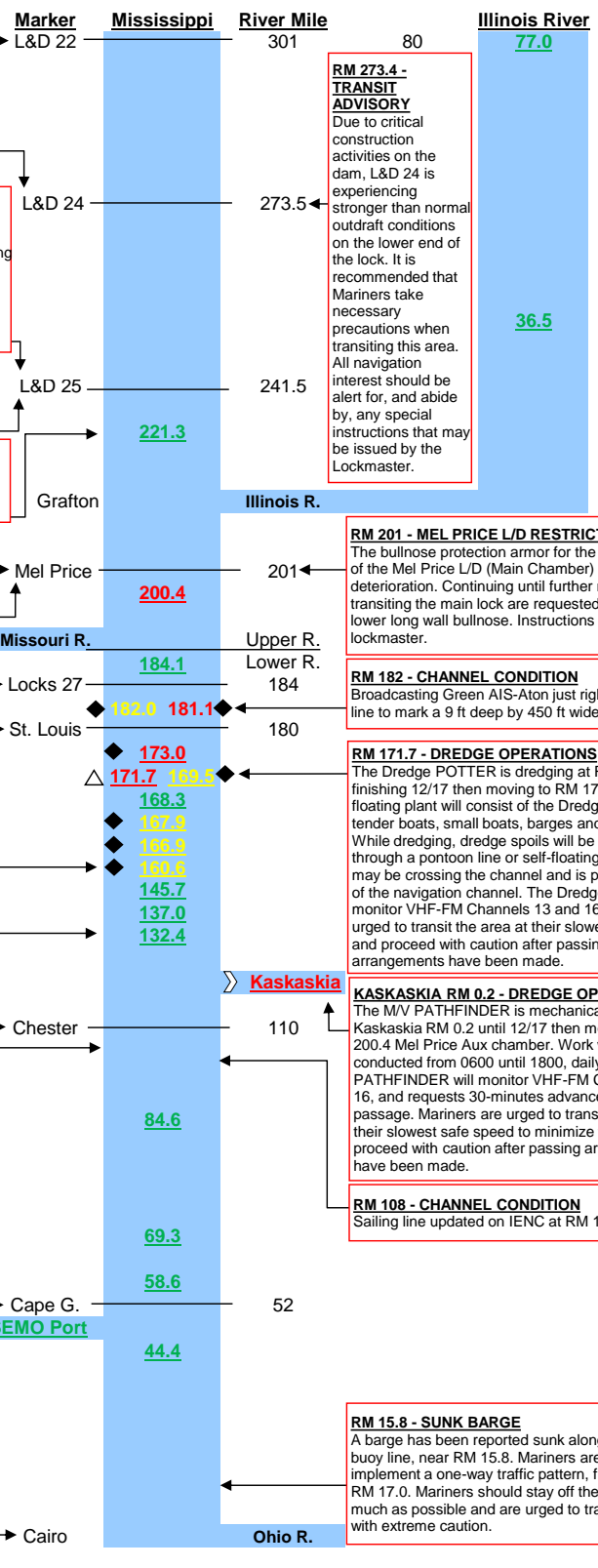
Chester
Gage = 1.9 ft.
Stage 1 Wk Forecast = 3.5 ft.
Stage 2 Wk Forecast = 2.3 ft.

RM 109.9- BRIDGE CONSTRUCTION
The right descending navigation span is blocked to river traffic for the next two years due to on-going bridge construction of the new Chester Bridge, also the green navigation lights have been extinguished in that channel. Due to work at the center pier, mariners are advised to stay 100 feet off the center pier. Work is also ongoing upstream of the left descending navigation pier and at the edge of the channel. Mariners are advised to contact the M/V ANDREA or RUBY BELLE via VHF-FM Channels 13 or 16 prior to transiting the bridge.

Cape Girardeau
Gage = 7.2 ft.
Stage 1 Wk Forecast = 9.3 ft.
Stage 2 Wk Forecast = 8.2 ft.

Mariners should be watchful for shoaling areas that could become problematic. These areas should be reported immediately to USACE St. Louis District staff and the USCG Sector Upper Command Center via VHF-FM Ch 16, (314)-269-2332 or at sumwaterways@uscg.mil.

Cairo
Gage = 10.8 ft.
Stage 1 Wk Forecast = 16.6 ft.
Stage 2 Wk Forecast = 11.0 ft.



RM 273.4 - TRANSIT ADVISORY
Due to critical construction activities on the dam, L&D 24 is experiencing stronger than normal outdraft conditions on the lower end of the lock. It is recommended that Mariners take necessary precautions when transiting this area. All navigation interest should be alert for, and abide by, any special instructions that may be issued by the Lockmaster.

RM 201 - MEL PRICE L/D RESTRICTION
The bullnose protection armor for the lower long wall of the Mel Price L/D (Main Chamber) is experiencing deterioration. Continuing until further notice, all tows transiting the main lock are requested to stay off the lower long wall bullnose. Instructions issued by the lockmaster.

RM 182 - CHANNEL CONDITION
Broadcasting Green AIS-Aton just right of the sailing line to mark a 9 ft deep by 450 ft wide channel.

RM 171.7 - DREDGE OPERATIONS
The Dredge POTTER is dredging at RM 171.7 finishing 12/17 then moving to RM 173.0. The floating plant will consist of the Dredge POTTER, tender boats, small boats, barges and pipeline. While dredging, dredge spoils will be pumped through a pontoon line or self-floating pipeline, which may be crossing the channel and is placed outside of the navigation channel. The Dredge POTTER will monitor VHF-FM Channels 13 and 16. Mariners are urged to transit the area at their slowest safe speed and proceed with caution after passing arrangements have been made.

KASKASKIA RM 0.2 - DREDGE OPERATIONS
The M/V PATHFINDER is mechanical dredging at Kaskaskia RM 0.2 until 12/17 then moving to RM 200.4 Mel Price Aux chamber. Work will be conducted from 0600 until 1800, daily. The M/V PATHFINDER will monitor VHF-FM Channel 13 or 16, and requests 30-minutes advance notice of passage. Mariners are urged to transit the area at their slowest safe speed to minimize their wake and proceed with caution after passing arrangements have been made.

RM 108 - CHANNEL CONDITION
Sailing line updated on IENC at RM 108.

RM 15.8 - SUNK BARGE
A barge has been reported sunk along the green buoy line, near RM 15.8. Mariners are advised to implement a one-way traffic pattern, from RM 13.0 to RM 17.0. Mariners should stay off the buoy line as much as possible and are urged to transit this area with extreme caution.

Dredge Status:

Dredge Potter: Currently dredging at RM 171.7 until 12/14 then moving to RM 173.0.
Mechanical Dredge: Dredging at Kaskaskia Lock until 12/17 then moving to RM 200.4, Mel Price Aux chamber.
Dredge Goetz: Demobilized out of district

Channel Marker Status:

Be aware that there may be other buoys off station/missing than the ones mentioned in this report. Mariners should use caution. For ATON or Buoy issues please contact SUMRWaterways@uscg.mil or 319-520-8556.

Pathfinder: Assisting the mechanical dredge at Kaskaskia Lock.

Controlling Depths:
St. Louis-Herculaneum (RM 185-152) Mile 171.7: River City Casino (LWRP -3.2 @ STL) 9-ft at St. Louis gage of -3.1.

Herculaneum-Grand Tower (RM152-80) Mile 122.4: Ste Genevieve (LWRP -6.7 @ Herculaneum) 9-ft at Herculaneum gage of -8.7.

Grand Tower-Cairo (RM 80-0) Mile 73.0: Crawford Landing (LWRP 3.65 @ Moccasin Springs) & RM 38.5 Commerce (LWRP 5.4 @ Cape Girardeau), 9-ft at Cape Girardeau (RM 52.1) gage of 3.9.

Navigation Notices

Local Notice to Mariners

Weather

Highs from the upper 50s to the upper 20s, lows from the lower 40s to the low teens. Chance of rain throughout the week except Thurs.

- Hannibal, MO
- St. Louis, MO
- Cape Girardeau, MO
- Cairo, IL

Web Information

For additional River Training Structure information, see the links below:

- Current Construction
- Recently Completed Construction

For open Regulatory Public Notices, See the link below:

- Regulatory Public Notices

For the most recent channel patrol and pre or post dredge surveys, see the links below:

- Channel Patrol Surveys
- Dredge Surveys

Electronic Navigation charts for the Upper Mississippi River are available online for download or to order at the below link:

- Electronic Charts

More Status Reports

- Click for older status reports

Key:		Probable Dredge Areas (9 ft DEPTH)				
		River Mile	Problematic On:	Dredge ETA	Dredge Complete	Dredge
⊕	Current Construction Location	171.7	21 Days	on -site	14-Dec	Potter
⊕	Anticipated Dredging Locations	173.0	21 Days	15-Dec	18-Dec	Potter
☆	Groundings	181.1	28 Days	19-Dec	20-Dec	Potter
△	Dredge Potter	182.0	+28 Days	21-Dec	23-Dec	Potter
▽	Dredge Bill Holman	160.6	+28 Days	24-Dec	26-Dec	Potter
⊕	Mechanical	166.9	+28 Days	27-Dec	29-Dec	Potter
⊕	Dredge Goetz	Kaskaskia 0.2	28 Days	on-site	17-Dec	Mechanical
⊕	Dredge Hurley	200.4 Aux chamber	7 Days	19-Dec	22-Dec	Mechanical

Very Likely to be Problematic at Low Water
Could be Problematic at Low Water
Problem Resolved/Not Problematic

Please email comments or suggestions to dawn.lamm@usace.army.mil