



US Army Corps of Engineers
St. Louis District

St. Louis District Navigation Channel Condition Status Report - November 20, 2024

Lock and Dam 22
TW Current = 4.6 ft.
TW 1 Wk Forecast = 6.2 ft.
TW 2 Wk Forecast = 4.9 ft.

Lock and Dam 24
TW Current = 13.9 ft.
TW 1 Wk Forecast = 16.2 ft.
TW 2 Wk Forecast = 14.7 ft.

RM 241.4 - TRANSIT INSTRUCTION
Construction activities are occurring on and around the upstream guide wall at L/D 25 through Jan 2025. During which, various pins and kevels along the guide wall will be unavailable. Traveling kevel system will remain available for use. Mariners should be alert for, and abide by, any special instructions issued by the Lockmaster.

Lock and Dam 25
TW Current = 14.3 ft.
TW 1 Wk Forecast = 16.4 ft.
TW 2 Wk Forecast = 15.1 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. A new survey is pending.

Mel Price Locks and Dam
TW Current = 4.7 ft.
TW 1 Wk Forecast = 5.6 ft.
TW 2 Wk Forecast = 4.0 ft.

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.

St. Louis
Gage = 2.7 ft.
Stage 1 Wk Forecast = 4.6 ft.
Stage 2 Wk Forecast = 2.2 ft.

RM 160.2 - CHANNEL CONDITION
Shoaling has been reported in the vicinity of 160.2.

RM 145.7 - CHANNEL CONDITION
Shoaling has been reported in the vicinity of RM 145.7 left of the sailing line. Broadcasting AIS-Atons.

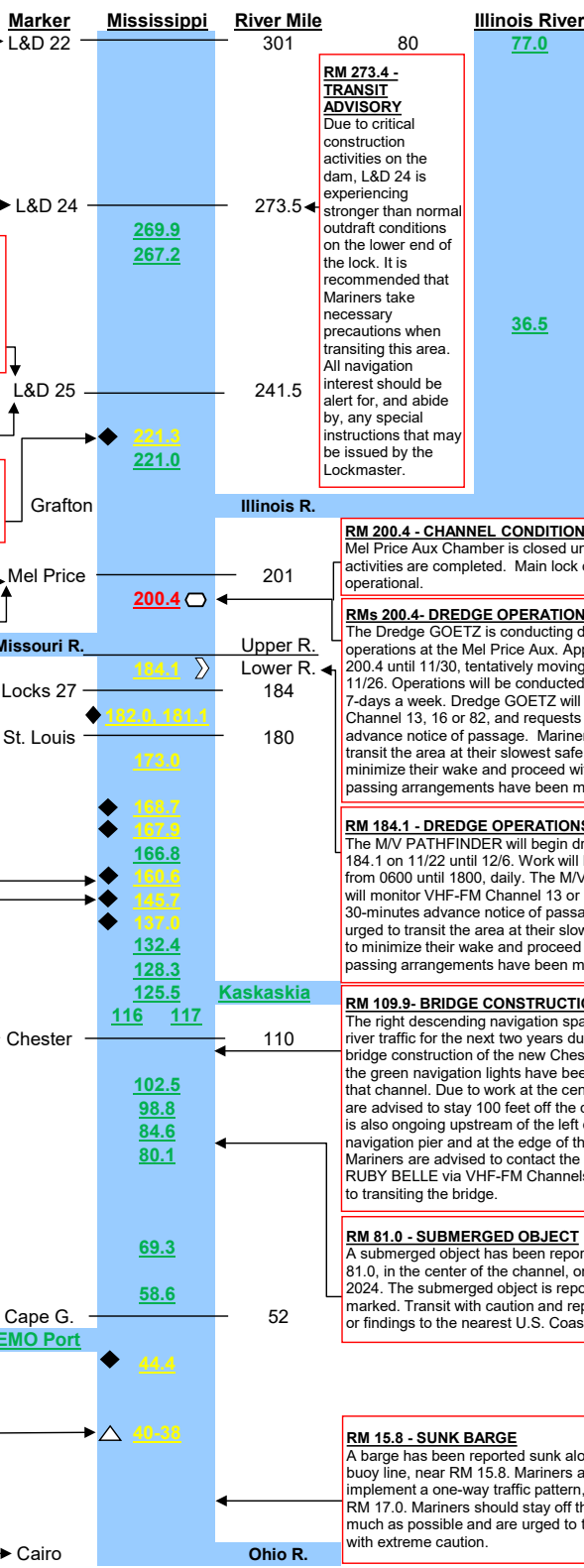
Chester
Gage = 6.4 ft.
Stage 1 Wk Forecast = 7.9 ft.
Stage 2 Wk Forecast = 6.6 ft.

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 sumrwaterways@uscg.mil.

Cape Girardeau
Gage = 11.8 ft.
Stage 1 Wk Forecast = 13.7 ft.
Stage 2 Wk Forecast = 12.2 ft.

RM 38.3 - DREDGE OPERATIONS
The Dredge POTTER has moved to RM 38.3 and will begin dredging tonight. Work will be conducted 24/7. 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.

Cairo
Gage = 16.0 ft.
Stage 1 Wk Forecast = 13.7 ft.
Stage 2 Wk Forecast = 12.7 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 200.4 - CHANNEL CONDITION
Mel Price Aux Chamber is closed until dredging activities are completed. Main lock chamber is operational.

RMs 200.4 - DREDGE OPERATION
The Dredge GOETZ is conducting dredging operations at the Mel Price Aux. Approach at RM 200.4 until 11/30, tentatively moving to RM 221.3 on 11/26. Operations will be conducted 24-hours a day, 7-days a week. Dredge GOETZ will monitor VHF-FM Channel 13, 16 or 82, 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 184.1 - DREDGE OPERATIONS
The M/V PATHFINDER will begin dredging at RM 184.1 on 11/22 until 12/6. 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 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.

RM 81.0 - SUBMERGED OBJECT
A submerged object has been reported near Mile 81.0, in the center of the channel, on November 5, 2024. The submerged object is reportedly not marked. Transit with caution and report any sightings or findings to the nearest U.S. Coast Guard unit.

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: Mobilizing to RM 38.3 today, with 4 total sites total between RMs 40-38, Moving to RM 44.4 on 11/24.
Mechanical Dredge: Mobilizing to dredge at RM184.1, starting 11/22.
Dredge Goetz: Dredging at Mel Price lower Approach, RM 200.4 and moving to RM 221.3 on 11/26.

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: Is moving equipment and will be assisting with mechanical dredging at RM 184.1 starting on 11/22

Additional Risks / Concerns

Controlling Depths:
St. Louis-Herculeaneum (RM 185-152)
Mile 167.9: JB Bridge (LWRP -3.2 @ STL) 9-ft at St. Louis gage of -3.6.
Herculeaneum-Grand Tower (RM152-80)
Mile 145.7: Michaels Towhead (LWRP - 6.7 @ Herculeaneum) 9-ft at Herculeaneum gage of -7.5.
Grand Tower-Cairo (RM 80-0)
Mile 9.2: Boston Bar (LWRP 5.5 @ Birds Point) 9-ft at Birds Point (RM 2.0) gage of 1.5.

Navigation Notices
Local Notice to Mariners

Weather

Highs from the mid 60s to the low 40s, lows from the mid 50s to the upper 20s. Chance of rain early next week.

- 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:

- ⊕ Current Construction Location
- ◆ Anticipated Dredging Locations
- ☆ Groundings
- △ Dredge Potter
- ▽ Dredge Bill Holman
- ◇ Mechanical
- Dredge Goetz
- ⊖ Dredge Hurley

Very Likely to be Problematic at Low Water (Red)

Could be Problematic at Low Water (Yellow)

Problem Resolved/Not Problematic (Green)

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

Probable Dredge Areas (9 ft DEPTH)						
River Mile	Problematic On:	Dredge ETA	Dredge Complete	Dredge		
38.3	+28 Days	on site	25-Nov	Potter		
44.4	+28 Days	24-Nov	25-Nov	Potter		
137.0	+28 Days	26-Nov	30-Nov	Potter		
145.7	+28 Days	1-Dec	5-Dec	Potter		
160.6	21 Days	6-Dec	8-Dec	Potter		
200.4	21 Days	on site	25-Nov	Goetz		
221.3	+28 Days	26-Nov	30-Nov	Goetz		
184.1	+28 Days	22-Nov	6-Dec	Mechanical		