

St. Louis District

Navigation Channel Condition Status Report - January 3, 2024



US Army Corps of Engineers
St. Louis District

Lock and Dam 22
TW Current = 5.5 ft.
TW 1 Wk Forecast = 5.4 ft.
TW 2 Wk Forecast = 4.3 ft.

Lock and Dam 24
TW Current = 15.0 ft.
TW 1 Wk Forecast = 15.5 ft.
TW 2 Wk Forecast = 13.9 ft.

Lock and Dam 25
TW Current = 15.4 ft.
TW 1 Wk Forecast = 16.2 ft.
TW 2 Wk Forecast = 14.6 ft.

Mel Price Locks and Dam
TW Current = 4.9 ft.
TW 1 Wk Forecast = 5.1 ft.
TW 2 Wk Forecast = 3.6 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 = 2.3 ft.
Stage 1 Wk Forecast = 1.4 ft.
Stage 2 Wk Forecast = -1.3 ft.

RM 169.3 - DREDGE OPERATIONS
The Dredge POTTER is conducting dredging operations at RM 169.3. Work will be conducted 24 hours a day, 7-days a week. The Dredge POTTER will monitor VHF-FM Chs 13, 16 or 82 and requests 30-min advance notice of passing. Mariners are urged to transit the area at their slowest safe speed & proceed with caution after passing arrangements have been made.

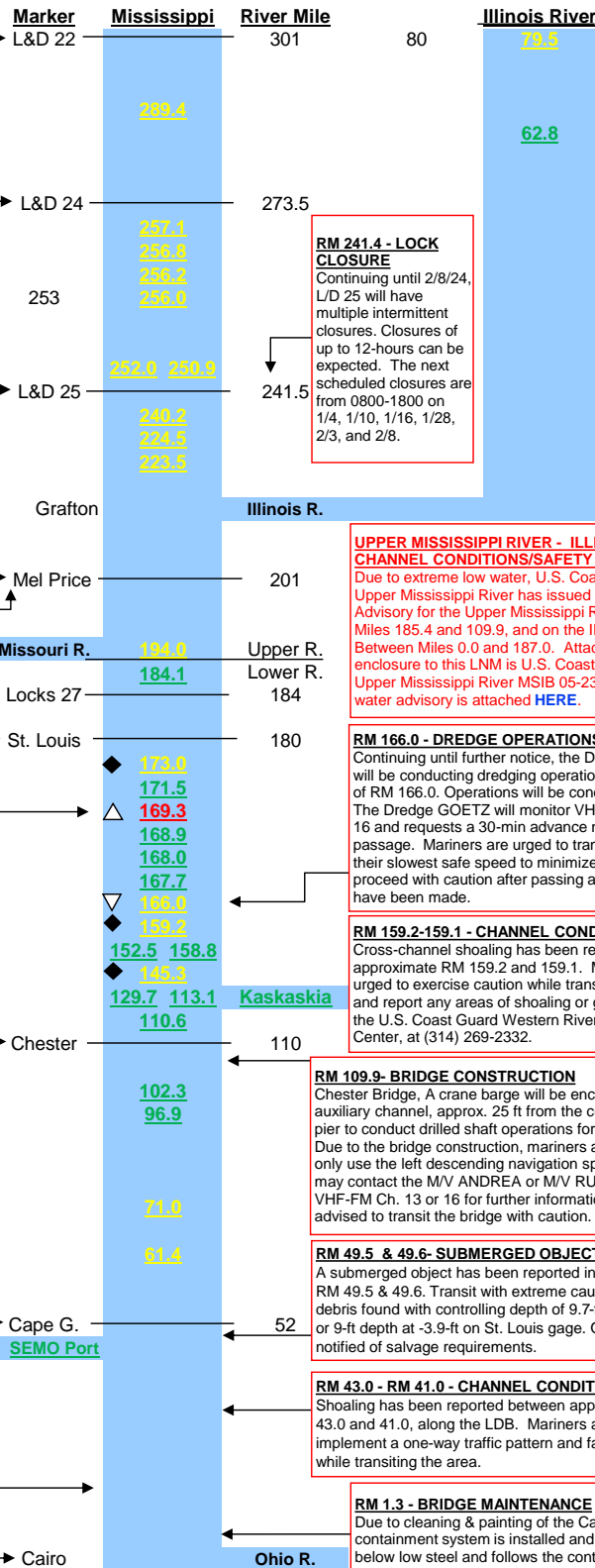
Chester
Gage = 6.0 ft.
Stage 1 Wk Forecast = 4.9 ft.
Stage 2 Wk Forecast = 2.4 ft.

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 = 12.0 ft.
Stage 1 Wk Forecast = 10.7 ft.
Stage 2 Wk Forecast = 8.2 ft.

RM 15.7 - TRAFFIC PATTERN - SUBMERGED BARGE
A barge has been reported sunk in the vicinity of RM 15.7, RDB, approximately 350 feet off the sail line, on July 20, 2023. The sunken barge is reportedly not marked. Mariners are to implement a one-way traffic pattern from RM 16.0 to RM 15.0, favoring the LDB. Mariners are urged to exercise caution in the area.

Cairo
Gage = 15.8 ft.
Stage 1 Wk Forecast = 12.0 ft.
Stage 2 Wk Forecast = 10.2 ft.



RM 241.4 - LOCK CLOSURE
Continuing until 2/8/24, L/D 25 will have multiple intermittent closures. Closures of up to 12-hours can be expected. The next scheduled closures are from 0800-1800 on 1/4, 1/10, 1/16, 1/28, 2/3, and 2/8.

UPPER MISSISSIPPI RIVER - ILLINOIS RIVER - CHANNEL CONDITIONS/SAFETY ADVISORY
Due to extreme low water, U.S. Coast Guard Sector Upper Mississippi River has issued a Safety Advisory for the Upper Mississippi River between Miles 185.4 and 109.9, and on the Illinois River Between Miles 0.0 and 187.0. Attached as an enclosure to this LNM is U.S. Coast Guard Sector Upper Mississippi River MSIB 05-23, extreme low water advisory is attached [HERE](#).

RM 166.0 - DREDGE OPERATIONS
Continuing until further notice, the Dredge GOETZ will be conducting dredging operations in the vicinity of RM 166.0. Operations will be conducted 24/7. The Dredge GOETZ will monitor VHF-FM Chs 13 & 16 and requests a 30-min 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 159.2-159.1 - CHANNEL CONDITION
Cross-channel shoaling has been reported between approximate RM 159.2 and 159.1. Mariners are urged to exercise caution while transiting the area, and report any areas of shoaling or groundings to the U.S. Coast Guard Western Rivers Command Center, at (314) 269-2332.

RM 109.9- BRIDGE CONSTRUCTION
Chester Bridge, A crane barge will be encroaching into the auxiliary channel, approx. 25 ft from the center navigation pier to conduct drilled shaft operations for the new bridge. Due to the bridge construction, mariners are advised to only use the left descending navigation span. Mariners may contact the M/V ANDREA or M/V RUBY BELLE via VHF-FM Ch. 13 or 16 for further information and are advised to transit the bridge with caution.

RM 49.5 & 49.6- SUBMERGED OBJECT
A submerged object has been reported in the vicinity of RM 49.5 & 49.6. Transit with extreme caution. Barge debris found with controlling depth of 9.7-ft below LWRP, or 9-ft depth at -3.9-ft on St. Louis gage. Owner has been notified of salvage requirements.

RM 43.0 - RM 41.0 - CHANNEL CONDITION
Shoaling has been reported between approximate RMs 43.0 and 41.0, along the LDB. Mariners are advised to implement a one-way traffic pattern and favor the RDB while transiting the area.

RM 1.3 - BRIDGE MAINTENANCE
Due to cleaning & painting of the Cairo Bridge, a containment system is installed and will hang 4.5 ft below low steel and follows the contour of the bridge. Vertical clearance is reduced to 109.7 ft at 0.0 on the Cairo Gage. Mariners are urged to exercise caution

Dredge Status:

Dredge Potter: Dredging at RM 169.3 until 1/4, and then moving to RM 145.3.
Mechanical Dredge: Mechanical dredge is working at USACE service base.
Dredge Goetz: Dredging at RM 166.0 until 1/8, and then leaving the AoR.

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: Dockside at the USACE service base this week, and will be on a lower river channel patrol next week.

Additional Risks / Concerns

The controlling location with 9-ft of depth on the open river in St. Louis District is equivalent to a gage reading of -3.9 ft on the St. Louis gage. Barge debris found with controlling depth of 9.7-ft below LWRP, or 9-ft depth at -3.9 ft on St. Louis gage. Owner has been notified of salvage requirements.

Navigation Notices

Local Notice to Mariners

Weather

Highs from the low 50s to the upper 30s, lows from the low 40s to the mid 20s. Chance of precip Fri.-Sat. and Mon.-Tues.; rain/snow to the north, rain to the south.

- 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 Goetz
- ⋈ Mechanical
- Dredge Jadwin
- ⊞ Dredge Hurley

Color Coding:

- Red: Very Likely to be Problematic at Low Water
- Yellow: Could be Problematic at Low Water
- Green: Problem Resolved/Not Problematic

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	Dredge
169.3	+28 Days	on site	4-Jan	Potter	Potter
145.3	+28 Days	5-Jan	11-Jan	Potter	Potter
159.2	+28 Days	12-Jan	14-Jan	Potter	Potter
173.0	+28 Days	14-Jan	16-Jan	Potter	Potter
166.0	+28 Days	on site	8-Jan	Goetz	Goetz