



US Army Corps of Engineers
St. Louis District

Navigation Channel Condition Status Report - December 2, 2020

Lock and Dam 22
TW Current = 6.8 ft.
TW 1 Wk Forecast = 5.7 ft.
TW 2 Wk Forecast = 5.4 ft.

Marker
L&D 22 → Mississippi River Mile 301 80

Illinois River

77 - 76
75.4
74.5
52
59
55.5
53.8
35.5

Lock and Dam 24
TW Current = 16.9 ft.
TW 1 Wk Forecast = 15.9 ft.
TW 2 Wk Forecast = 15.5 ft.

L&D 24 → 273.5

RM 273.4 & 241.4 LOCKAGE & CREW CHANGE SPECIAL REQUIREMENTS (COVID-19)
Please see the below link for PN_20-02 regarding COVID-19 restrictions at the lock and dams. [LINK](#)

Lock and Dam 25
TW Current = 16.5 ft.
TW 1 Wk Forecast = 15.5 ft.
TW 2 Wk Forecast = 15.0 ft.

L&D 25 → 241.5

Mel Price Locks and Dam
TW Current = 6.8 ft.
TW 1 Wk Forecast = 4.6 ft.
TW 2 Wk Forecast = 3.4 ft.

Grafton → Illinois R.

RM 200.5 - 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. Mariners should be alert for and abide by any special instructions from the lockmaster.

Mel Price → 201

RM 200.5 - DREDGE OPERATION
The USACE vessel M/V Grand Tower is conducting dredging operations in the vicinity of Mile 200.5 at the Mel Price Auxiliary lock chamber downstream approach. Work will be conducted from 6 am to 6 pm, each day. No channel closures or special passing instructions are expected with this operation but the USACE Dredge Grand Tower will monitor VHF-FM Ch 13. The Main Lock chamber will be open. Mariners are urged to transit the area at their slowest safe speed and proceed with caution.

St. Louis
Gage = 7.3 ft.
Stage 1 Wk Forecast = 3.6 ft.
Stage 2 Wk Forecast = 2.1 ft.

St. Louis → 180

RM 183.2 - CHANNEL CONDITION
The Old Mississippi River Channel at RM 183.5 (not in the Chain of Rocks Canal) is experiencing shoaling. Mariners that traverse the area are advised to exercise caution and favor the RDB. See the latest survey [here](#).

Chester
Gage = 11.2 ft.
Stage 1 Wk Forecast = 8.2 ft.
Stage 2 Wk Forecast = 5.6 ft.

Chester → 110

RM 183.2 - BRIDGE CONSTRUCTION
Merchants Railroad Bridge: Work barges continue excavating around both left and right descending navigation piers and the right descending pier of the center span. Work barges should not encroach more than 50 ft into the navigation channel at any time. For work barge locations, mariners are encouraged to contact the onsite work boat M/V KATHERINE OHARA via VHF-FM Ch 6 or 16 or by phone at 217-248-9077.

Cape Girardeau
Gage = 18.7 ft.
Stage 1 Wk Forecast = 14.7 ft.
Stage 2 Wk Forecast = 12.3 ft.

Cape G. → 52

RM 41 - DREDGE OPERATION
Continuing until 12-04-20 the Dredge Potter will conduct dredging operations in the vicinity of RM 42.3, moving to RM 46.9 next. Work will be conducted 24-hours a day, 7 days a week. A pontoon dredge pipeline may be utilized and crossing the navigation channel. The Dredge POTTER will monitor VHF-FM Ch. 13 or 16. Mariners are urged to transit the area at their slowest safe speed and proceed with caution, after passing arrangements have been made.

RM 7.5 - NAVIGATION OBSTRUCTION
A shoal has been reported in the vicinity of Mile 7.5, H 57 Bridge (LLNR-17635), in the alternate channel. Mariners are advised to utilize the main channel span and transit the area with caution. Mariners are advised that the green lights marking the alternate span, have been permanently extinguished. Mariners are advised to use the main channel span until further notice.

SEMO Port → 41 42.3

RM 33.0 - CONSTRUCTION ACTIVITIES
A USACE contractor will be working along the left descending bankline, out of the navigation channel entering through the Len Small bankline breach in the vicinity of RM 33.0.

Cairo
Gage = 24.8 ft.
Stage 1 Wk Forecast = 21.3 ft.
Stage 2 Wk Forecast = 16.8 ft.

Cairo → Ohio R.

Key:

- ⊕ Current Construction Location
- ◆ Anticipated Dredging Locations
- ☆ Groundings
- △ Dredge Potter
- ▽ Dredge Goetz
- ⇒ Mechanical
- Dredge Bill
- ◊ Holman

Very Likely to be Problematic at Low Water (Red background)

Could be Problematic at Low Water (Yellow background)

Problem Resolved/Not Problematic (Green background)

[Please email comments or suggestions to dawn.lamm@usace.army.mil](mailto:dawn.lamm@usace.army.mil)

Probable Dredge Areas						
River Mile	Problematic On:	Dredge ETA	Dredge Complete	Dredge		
200.5	+.28 days	30-Nov	15-Dec	Mechanical		
42.3	+.28 days	28-Nov	4-Dec	Potter		
46.9	+.28 days	5-Dec	10-Dec	Potter		
115.7	+.28 days	11-Dec	13-Dec	Potter		
136.9	+.28 days	14-Dec	15-Dec	Potter		
163.0	+.28 days	16-Dec	17-Dec	Potter		
166.5	+.28 days	18-Dec	19-Dec	Potter		
168.0	+.28 days	19-Dec	21-Dec	Potter		

Dredge Status:

Dredge Potter: Currently at Mississippi RM 41.0 and moving to RM 46.9 on 12/4.

Grand Tower Mechanical Dredge: Working at RM 200.5 at the Mel Price Auxiliary Lock downstream approach.

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: Running an upper river channel patrol this week and a lower river patrol next week.

Additional Risks / Concerns

CONTROLLING DEPTH OPEN RIVER
St. Louis - Herculaneum (RM 185-152) Mile 168.2, Below JB Bridge LWRP 7.0, or 9 ft at St. Louis gage of -1.2

Herculaneum-Grand Tower (RM 152-80) Mile 145.5, Michaels Towhead, LWRP 8.0, 9-ft at Chester gage is 0.6

Grand Tower - Cairo (RM 80 - 0) Mile 42.3, Grand Chain Light, LWRP 6.8 9-ft at Cape Girardeau gage of 7.6

Navigation Notices

Local Notice to Mariners

Weather

Highs from the low 40s to the low 50s, lows from the mid 20s to the mid 30s. Slight chance of rain Thursday and Friday 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