



US Army Corps of Engineers
St. Louis District

Navigation Channel Condition Status Report - December 29, 2021

Lock and Dam 22
TW Current = 5.4 ft.
TW 1 Wk Forecast = 5.2 ft.
TW 2 Wk Forecast = 4.8 ft.

Marker → L&D 22 → **Mississippi** → 301 → 80 → **Illinois River**

Lock and Dam 24
TW Current = 15.2 ft.
TW 1 Wk Forecast = 15.1 ft.
TW 2 Wk Forecast = 14.7 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 = 15.5 ft.
TW 1 Wk Forecast = 15.3 ft.
TW 2 Wk Forecast = 14.9 ft.

→ L&D 25 → 241.5

Mel Price Locks and Dam
TW Current = 5.4 ft.
TW 1 Wk Forecast = 5.0 ft.
TW 2 Wk Forecast = 4.4 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.

→ Mel Price → 201

St. Louis
Gage = 3.3 ft.
Stage 1 Wk Forecast = 2.1 ft.
Stage 2 Wk Forecast = 1.1 ft.

Missouri R. → Upper R. → 193.8
→ Lower R. → 184

Locks 27 → 184

→ St. Louis → 180

Chester
Gage = 4.4 ft.
Stage 1 Wk Forecast = 5.3 ft.
Stage 2 Wk Forecast = 4.2 ft.

→ Chester → 110

RM 110.0 - DRILLING OPERATIONS
Continuing until further notice, drilling operations are being conducted in the vicinity of Mile 110.0, Chester Bridge. Work will be conducted from 6:00 a.m. until 8:00 p.m., Monday through Friday. A drilling platform is moored partially in the navigation channel. The Tug SHAWN DAWSY is on-scene to coordinate vessel passage. Mariners are requested to contact the Tug SHAWN DAWSY via VHF-FM Channel 7 or 13, or the vessel captain at (608) 723-8013, 30-minutes prior to arrival, for passing arrangements. Mariners are requested to transit the area at their slowest safe speed to minimize their wake and proceed with caution, after passing arrangements have been made.

Cape Girardeau
Gage = 10.8 ft.
Stage 1 Wk Forecast = 12.5 ft.
Stage 2 Wk Forecast = 10.8 ft.

→ Cape G. → 52

SEMO Port → 46.7

RM 46.7 - DREDGE OPERATION
On December 29, 2021, the Dredge POTTER will conduct dredging operations in the vicinity of Mile 46.7. Dredge spoils will be pumped through pontoon pipeline or self-floating pipeline, which may cross the navigation channel, with placement of spoils outside of the navigation channel. The Dredge POTTER will monitor VHF-FM Channel 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.

Cairo
Gage = 21.1 ft.
Stage 1 Wk Forecast = 27.8 ft.
Stage 2 Wk Forecast = 20.1 ft.

→ Cairo → Ohio R.

IL MILE 61.4 - BRIDGE REPAIR Norfolk and Western (Valley City) Railroad Drawbridge; Due to sheerfence repairs involving diving ops, the navigation channel will be blocked daily, December 27-31, 2021. Time frames of blockages will be 7:00 a.m. until 10:30 a.m. and then again 12:30 p.m. until 4:00 p.m., each day.

Dredge Status:
Dredge Potter: Will be at RM 46.7 today through 4-Jan

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 dockside this week and conducting a lower channel patrol next week.

Additional Risks / Concerns
Controlling Depth:
St. Louis-Herculeaneum (RM 185-152) Mile 184.5, Lower Chain of Rocks Canal Entrance LWRP 10.5 or 9-ft at St. Louis gage of -4.7
Herculeaneum-Grand Tower (RM 152- 80) Mile 110.5, Above Chester Bridge LWRP 8.8 or 9-ft at Chester of -0.2
Grand Tower-Cairo (RM 80 -0) Mile 35.0, Goose Island LWRP 9.8 or 9-ft at Cape Girardeau of 4.6

Navigation Notices
Local Notice to Mariners

Weather
Highs from the low 20s to upper 60s, lows from the mid single digits to low 50s. Precipitation Wednesday night and Friday through Saturday. Winter precipitation to the north & rain 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 Bill
- Holman

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](mailto:dawn.lamm@usace.army.mil)

Probable Dredge Areas						
River Mile	Problematic On:	Dredge ETA	Dredge Complete	Dredge		
46.7	28+ Days	29-Dec	04-Jan	Potter		
110.5	28+ Days	05-Jan	07-Jan	Potter		