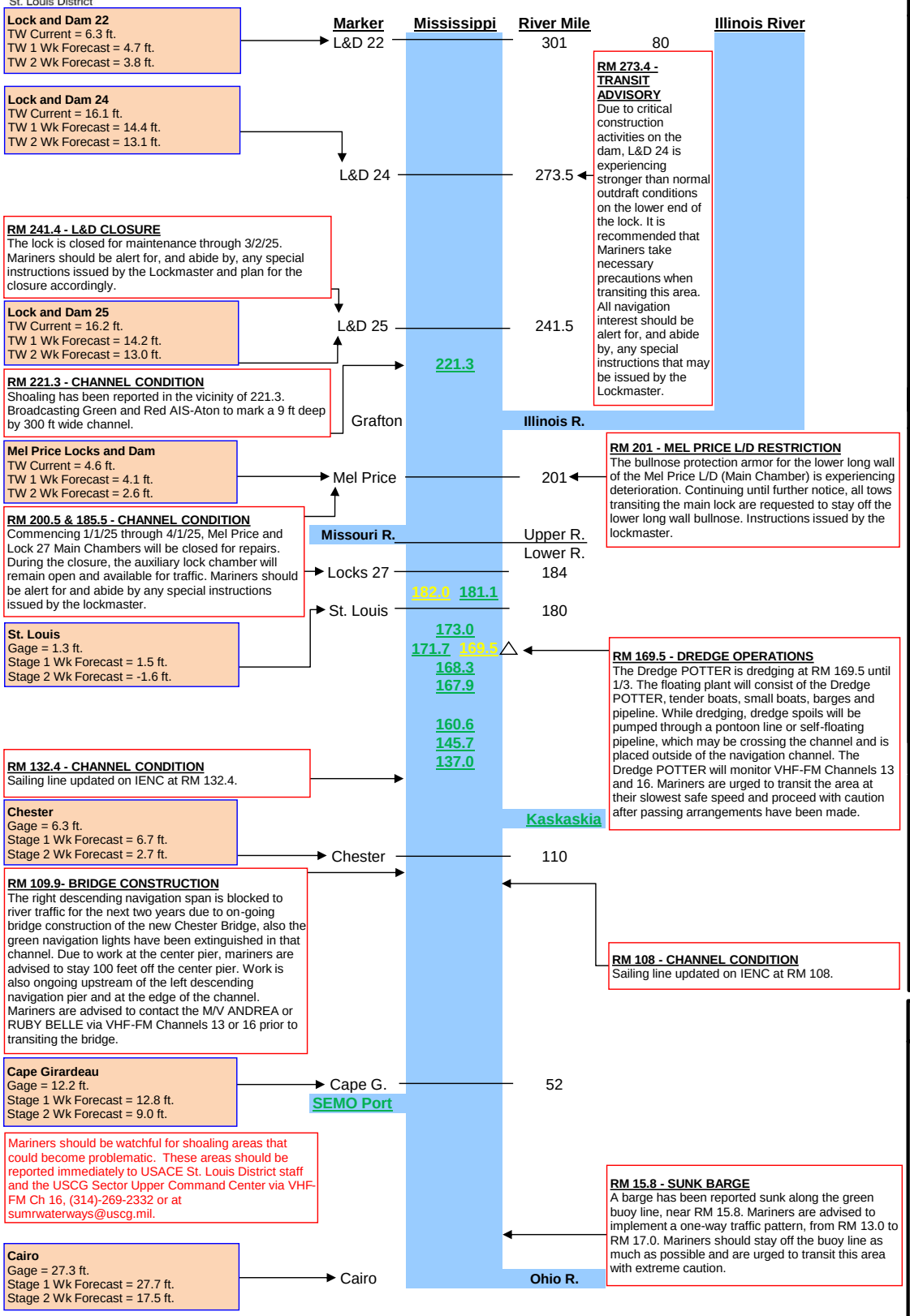
US Army Corps of Engineers
St. Louis District

St. Louis District
Navigation Channel Condition Status Report - January 2, 2025



Lock and Dam 22
TW Current = 6.3 ft.
TW 1 Wk Forecast = 4.7 ft.
TW 2 Wk Forecast = 3.8 ft.

Lock and Dam 24
TW Current = 16.1 ft.
TW 1 Wk Forecast = 14.4 ft.
TW 2 Wk Forecast = 13.1 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 241.4 - L&D CLOSURE
The lock is closed for maintenance 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 = 16.2 ft.
TW 1 Wk Forecast = 14.2 ft.
TW 2 Wk Forecast = 13.0 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 = 4.6 ft.
TW 1 Wk Forecast = 4.1 ft.
TW 2 Wk Forecast = 2.6 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.

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 = 1.3 ft.
Stage 1 Wk Forecast = 1.5 ft.
Stage 2 Wk Forecast = -1.6 ft.

RM 169.5 - DREDGE OPERATIONS
The Dredge POTTER is dredging at RM 169.5 until 1/3. 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.

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

Chester
Gage = 6.3 ft.
Stage 1 Wk Forecast = 6.7 ft.
Stage 2 Wk Forecast = 2.7 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.

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

Cape Girardeau
Gage = 12.2 ft.
Stage 1 Wk Forecast = 12.8 ft.
Stage 2 Wk Forecast = 9.0 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.

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.

Cairo
Gage = 27.3 ft.
Stage 1 Wk Forecast = 27.7 ft.
Stage 2 Wk Forecast = 17.5 ft.

Key:

- Current Construction Location
- Anticipated Dredging Locations
- Groundings
- Mechanical
- Dredge Potter
- Dredge Goetz
- Dredge Bill Holman
- Dredge Hurley
- 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

Probable Dredge Areas (9 ft DEPTH)

River Mile	Problematic On:	Dredge ETA	Dredge Complete	Dredge
169.5	+28 Days	on site	3-Jan	Potter
182.1	+28 Days	3-Jan	4-Jan	Potter

Dredge Status:

Dredge Potter: Dredging at RM 169.5 until 1/3, then RM 182.1.

Mechanical Dredge: Demobilized.

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: Dockside.

Controlling Depths:
St. Louis-Herculaneum (RM 185-152)
Mile 182.0: St. Louis City Docks (LWRP -3.2 @ STL) 9-ft at St. Louis gage of -2.9.

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 58.5: Picayune & 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 mid 40s to the mid teens, lows from the lower 30s to the low single digits. Rain / snow Wed. night to the north; Wintery mix Sat. night to Mon.

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