United States Army Corps of Engineers (USACE)
Inundation Maps – 28 April 2025

USE RESTRICTIONS
USACE-produced mapping is provided to federal, state and local agencies with no usage or distribution restrictions.

MAP VIEWER
An inundation map viewer has been published for this event and is available at
https://geospatial.sec.usace.army.mil/arcgis/apps/dashboards/9c65e8dacc514c31b0f2cbc273dddc38

DATA

Map Services – for users who prefer to read the maps directly into agency common operating pictures service layers can be accessed from the map viewer link provided above.

28 April 2025
Mississippi River -
https://geospatial.sec.usace.army.mil/image/rest/services/Mississippi_River_28April2025/ImageServer

06 April 2025
Tile service links provided
Ohio LRP
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Ohio_River_LRP_Reach_6Apr2025/MapServer
Ohio LRH
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Ohio_River_LRH_Reach_6Apr2025/MapServer
Ohio LRL Upper
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Ohio_River_LRL_Upper_6Apr2025/MapServer
Ohio LRL Lower
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Ohio_River_LRL_Lower_6Apr2025/MapServer
Yazoo Backwater -
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Yazoo_Backwater_6Apr2025_3/MapServer

05 April 2025
No Image Server links for 5April2025 due to technical issues. Tile service links provided
Mississippi River -
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Mississippi_5April2025/MapServer
Green River -
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Green_River_5April2025/MapServer

St Johns River –
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/St_Johns_5APR2025_2/MapServer
Tensas River -
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Tensas_River_4April2025_Adjusted/MapServer
Loosahatchie River -
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Loosahatchie_5April2025/MapServer
White River –
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/White_River_5APR2025/MapServer
Castor River –
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Castor_River_5April2025/MapServer
Lower Arkansas -
https://tiles.arcgis.com/tiles/W7M7ugHEl8tg1wcM/arcgis/rest/services/Lower_Arkansas_5April2025_4/MapServer

04 April 2025
Loosahatchie River –
https://geospatial.sec.usace.army.mil/image/rest/services/Loosahatchie_04April2025/ImageServer

03 April 2025
Castor River -
https://geospatial.sec.usace.army.mil/image/rest/services/Castor_03April2025/ImageServer
Kaskaskia River –
https://geospatial.sec.usace.army.mil/image/rest/services/Kaskaskia_03April2025/ImageServer
Loosahatchie River -
https://geospatial.sec.usace.army.mil/image/rest/services/Loosahatchie_03April2025/ImageServer
Lower White River -
https://geospatial.sec.usace.army.mil/image/rest/services/LowerWhite_03April2025/ImageServer
Meramec River –
https://geospatial.sec.usace.army.mil/image/rest/services/Meramec_03April2025/ImageServer
Nonconnah River -
https://geospatial.sec.usace.army.mil/image/rest/services/Nonconnah_03April2025/ImageServer
St. Francis River -
https://geospatial.sec.usace.army.mil/image/rest/services/StFrancis_03April2025/ImageServer
St. Johns River -
https://geospatial.sec.usace.army.mil/image/rest/services/StJohns_03April2025/ImageServer
Wolf River - https://geospatial.sec.usace.army.mil/image/rest/services/Wolf_03April2025/ImageServer

02 April 2025
Obion-Forked Deer River -
https://geospatial.sec.usace.army.mil/image/rest/services/Obion_ForkedDeer_02April2025/ImageServer

01 April 2025

Castor River -
https://geospatial.sec.usace.army.mil/image/rest/services/Castor_River_01April2025/ImageServer
Hatchie River -
https://geospatial.sec.usace.army.mil/image/rest/services/Hatchie_River_01April2025/ImageServer
Loosahatchie River -
https://geospatial.sec.usace.army.mil/image/rest/services/Loosahatchie_River_01April2025/ImageServer
Lower White River –
https://geospatial.sec.usace.army.mil/image/rest/services/LowerWhiteRiver_01April2025/ImageServer
Marks 39ft - https://geospatial.sec.usace.army.mil/image/rest/services/Marks_39ft/ImageServer
Marks 40ft - https://geospatial.sec.usace.army.mil/image/rest/services/Marks_40ft/ImageServer
Marks 41ft - https://geospatial.sec.usace.army.mil/image/rest/services/Marks__41ft/ImageServer
Marks 42ft - https://geospatial.sec.usace.army.mil/image/rest/services/Marks_42ft/ImageServer
Mississippi River -
https://geospatial.sec.usace.army.mil/image/rest/services/Mississippi_River_01April2025/ImageServer
Nonconnah River -
https://geospatial.sec.usace.army.mil/image/rest/services/NonconnahRiver_01April2025/ImageServer
Obion Forked Deer River -
https://geospatial.sec.usace.army.mil/image/rest/services/Obion_ForkedDeer_01April2025_/ImageServer
St. Francis River -
https://geospatial.sec.usace.army.mil/image/rest/services/StFrancis_01April2025/ImageServer
St. Johns River –
https://geospatial.sec.usace.army.mil/image/rest/services/StJohnsRiver_01April2025_/ImageServer
Wolf River -
https://geospatial.sec.usace.army.mil/image/rest/services/WolfRiver01April2025/ImageServer

MODELING SUMMARY

28 April

USACE Louisville District – Mississippi River –Model shows remaining *forecasted* crests on the Mississippi River (Moderate Flood Stage at Vicksburg (49.2 feet) and Natchez (55.8 feet)). The Model shows an *observed* create on the Mississippi River (Moderate Flood Stage at Greenville (54.7 feet)).

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06 April 2025

Yazoo River –Model shows remaining *forecasted* crests on the Coldwater River (Minor Flood Stage at Sarah and Marks) and on Steele Bayou (91 ft). Steele Bayou Control Structure gates are expected to close on April 6 and remain closed for 20 days. Releases from Arkabutla Dam for this map are approximately 4,250 cfs.

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05 April 2025

USACE Great Lakes and Ohio River Division – Ohio River
Model includes forecasted crests along the Ohio River from middle stretches of the river within LRH's AOR down to the confluence with the Mississippi River at Cairo, IL. Most gages forecast to flood upstream of Cincinnati, OH are projected to reach minor flood stage whilst Cincinnati itself and most gages below are forecast to reach moderate flood stage.

Forecast time is 05 Apr 2025 at 12z and end time is 20 Apr 2025 at 12z. Tributary flows are provided by the Districts and flood control project releases are consistent with their respective water control plans. Releases out of Kentucky Dam and Barkley Dam are projected to increase upwards of 400 kcfs throughout the weekend before cutting to approximately 110 kcfs prior to Thursday. Peak flows past Smithland LD reach ~850 kcfs and total combined flow at the lowest extents of the Ohio River crest just over a million cfs.

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04 April 2025

USACE Memphis District – Obion-Forked Deer River-

- Forecast Time: 04 April 2025, 12:00 GMT
- Days QPF: 7 Days
- Length of River Forecast: 7 Days
- Stage Crests for LMRFC Forecast Gages:

Location	Stage	Time of Crest
Martin	22.43	6-Apr
Obion	37.96	8-Apr
Bogota	24.06	10-Apr
Dyersburg	28.53	9-Apr
Halls	15.44	8-Apr
Jackson	36.93	7-Apr

03 April 2025

USACE St. Louis District – Meramec River

Map was created 03 April 2025 capturing all forecast rainfall for the next 7 days. Forecasted rainfall has been shifting south as we get closer to the event and the amount are less. Please check daily as forecasted rainfall totals will impact forecasted river levels.

Eureka crest 29.2 ft on 08 April 2025. Valley Park crest 27.4 ft on 08 April 2025. Arnold crest 28.9 ft on 08 April 2025. Please contact Water Control Office for more information, 314-331-8342.

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USACE St. Louis District – Kaskaskia River

Map was created 03 April 2025 capturing all forecast rainfall for the next 7 days.

Lake Shelbyville and upstream has approximately 2.6 inches of rainfall forecasted. Lake Shelbyville is currently releasing 500 cfs, will start increasing releases 09 April 2025, peak out at 2000 cfs on 13 April 2025, and hold 2,000 cfs. Please contact Water Control Office for latest release plan, 314-331-8342. Crest is < 604.5 on 12 April 2025.

Carlyle Lake and upstream has approximately 4.1 inches of rainfall forecasted. Carlyle Lake is currently releasing 4,020 cfs, peak out at 5,000 cfs on 05 April 2025, and hold 5,000 cfs. Please contact Water Control Office for latest release plan, 314-331-8342.

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02 April 2025

USACE Memphis District – Obion-Forked Deer River-

- Forecast Time: 02 April 2025, 12:00 GMT
- Days QPF: 7 Days
- Length of River Forecast: 7 Days
- Stage Crests for LMRFC Forecast Gages:
    - **North Fork Obion River at Martin**: 22.44' Stage, 04 April 2025
    - **Obion River at Obion**: 38.23' Stage, 07 April 2025
    - **Obion River at Bogota**: 23.93' Stage, 10 April 2025
    - **North Fork Forked Deer River at Dyersburg**: 28.19' Stage, 09 April 2025
    - **South Fork Forked Deer River at Halls**: 14.97' Stage, 07 April 2025
    - **South Fork Forked Deer River at Jackson**: 36.16' Stage, 07 April 2025

01 April 2025

USACE Memphis District – Castor River –

- Forecast Time: 01 April 2025, 17:00 GMT
- Days QPF: 7 Days
- Length of River Forecast: 7 Days
- Stage Crests for LMRFC Forecast Gages:
    - **None for Castor River**
- Crest for Mississippi River Downstream Location:
    - **Mississippi River at Thebes**: 28.55' Stage, April 8th 2025

USACE Memphis District – Hatchie River –

- Forecast Time: 01 April 2025, 18:00 GMT
- Days QPF: 7 Days
- Length of River Forecast: 7 Days
- Stage Crests for LMRFC Forecast Gages:
    - **Hatchie River at Bolivar**: 12.42' Stage, 02 April 2025
    - **Hatchie River at Rialto**: 13.1' Stage, 26 Mar 2025
- Crest for Mississippi River Downstream Location:
    - **Mississippi River at Osceola**: 22.58' Stage, 08 Apr 2025

USACE Memphis District – Loosahatchie River –

- Forecast Time: 31 March 2025, 18:00 GMT
- Days QPF: 7 Days
- Length of River Forecast: 7 Days
- Stage Crests for LMRFC Forecast Gages:
    - **Loosahatchie at Arlington:** 19' Stage, April 6th, 2025
- Crest for Mississippi River Downstream Location:
    - **Mississippi River at Memphis:** 22.58' Stage, April 7th 2025

USACE Memphis District – Lower White River –

- Forecast Time: 01 April 2025, 12:00 GMT
- Days QPF: 7 Days
- Length of River Forecast: 21 Days
- Stage Crests for LMRFC Forecast Gages:
    - **White River at Des Arc**: 28.65' Stage, 17 April 2025
    - **White River at Clarendon**: 29.57' Stage, 20 April 2025
    - **Cache River at Patterson**: 10.51' Stage, 17 April 2025
- Crest for Mississippi River Downstream Location:
    - **Mississippi River at Helena**: 45.44' Stage, 19 April 2025
    - **Mississippi River at Greenville**: 51.60' Stage, 20 April 2025

USACE Memphis District – Mississippi River –

- Forecast Time: 31 March 2025, 18:00 GMT
- Days QPF: NAEFS LMRFC Forecast for Hydrology
- Length of River Forecast: 27 Days
- Stage Crests for MVM Activation Gages:
    - **Ohio River at Cairo**: 53.62' Stage, 12 April 2025
    - **Mississippi River at Memphis**: 37.91' Stage, 18 April 2025
    - **Mississippi River at Helena**: 46.58' Stage, 19 April 2025

USACE Memphis District – Nonconnah River –

- Forecast Time: 01 April 2025, 18:00 GMT
- Days QPF: 7 Days
- Length of River Forecast: 7 Days
- Stage Crests for LMRFC Forecast Gages:
    - **None for Nonconnah**
- Crest for Mississippi River Downstream Location:
    - **Mississippi River at Memphis**: 25.02' Stage, 08 April 2025

USACE Memphis District – St Francis River –

- Forecast Time: April 1st 2025, 13:00 GMT

- Days QPF: 7 Days
- Length of River Forecast: 14 Days
- Stage Crests for LMRFC Forecast Gages:
    - **Saint Francis River at Fisk:** 19.6' Stage, April 8th, 2025
    - **Saint Francis River at Saint Francis:** 28.0' Stage, April 8th, 2025
    - **Saint Francis River at Lake City:** 14.7' Stage, April 7th, 2025
    - **Little River at Rivervale:** 18.01' Stage, April 12th, 2025
    - **Saint Francis River at Maddison:** 29.06' Stage, April 13th, 2025
- Crest for Mississippi River Downstream Location:
    - **Mississippi River at Helena:** 41.01' Stage, April 13th 2025

USACE Memphis District – St Johns River –

- Forecast Time: March 31, 2025
- Days QPF: 7 Days
- Length of River Forecast: 14 Days
- Crest for Mississippi River Downstream Location:
    - **Mississippi River at New Madrid:** 28.53' Stage, April 6, 2025

USACE Memphis District – Wolf River –

- Forecast Time: 01 April 2025, 18:00 GMT
- Days QPF: 7 Days
- Length of River Forecast: 7 Days
- Stage Crests for LMRFC Forecast Gages:
    - **Wolf River at Rossville**: 14.31' Stage, 07 April 2025
    - **Wolf River at Germantown**: 25.5' Stage, 08 April 2025
- Crest for Mississippi River Downstream Location:
    - **Mississippi River at Memphis**: 25.02' Stage, 08 April 2025

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