



October 07, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 11:00	WS 12:30	MP DIFF 11:00 AM	MP DIFF 12:30 PM
56.0	418.8	421.2	421.2	-2.4	-2.4
55.0	418.8	421.1	421.1	-2.3	-2.3
54.0	418.7	421.0	421.0	-2.2	-2.2
53.0	418.7	420.8	420.8	-2.1	-2.1
52.0	418.7	420.7	420.7	-2.0	-2.0
51.0	418.6	420.6	420.6	-1.9	-1.9
50.0	418.6	420.4	420.4	-1.8	-1.8
49.0	418.6	420.3	420.3	-1.7	-1.7
48.0	418.6	420.2	420.2	-1.6	-1.6
47.0	418.5	420.0	420.0	-1.5	-1.5
46.0	418.5	419.9	419.9	-1.4	-1.4
45.0	418.5	419.7	419.7	-1.3	-1.3
44.0	418.4	419.6	419.6	-1.2	-1.2
43.2	418.4	419.5	419.5	-1.1	-1.1

Post Dredge Survey

- Sounded October 7, 2020 by Prairie Engineers, P.C.
- Horizontal Datum is based on the North American Datum of 1927 (NAD27). Coordinates shown are Illinois West Zone State Plane.
- Vertical Datum is based on the National Geodetic Vertical Datum of 1929 (NGVD29).

Depths shown are below MIN POOL SURFACE
 Red solid contours are 9' below MIN POOL SURFACE
 Green dashed contours are 12' below MIN POOL SURFACE
 Blue dashed contours are 14' below MIN POOL SURFACE

MIN POOL DEPTHS
 DEPTHS AND CONTOURS SHOWN ARE BASED
 ON DEPTH BELOW MIN POOL SURFACE

PRELIMINARY

This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in USACE Engineering Manual ER 1110-1-12.



WATER SURFACE		CASE RECORD	
ZERO N.G.V.D.	ELEVANCE	FLORENCE	PEARL
MILE	400.0	400.0	400.0
MIN POOL	56.0	43.2	43.2
DATE	418.8	418.8	418.4
	07 OCT 2020	421.2 (11:00)	418.5 (11:00)
		421.2 (12:30)	418.5 (12:30)

ELEVATIONS ARE REFERRED TO NAD27 - CONTOURS ARE BELOW MP(S) FOR WATER REFERENCE PLANE LAKE/POOL/SLAB (Z.S.)

Survey Date: October 7, 2020	Submitted: Chief, Engr. Data Mgmt. Sect.
Surveyed by: PRAIRIE ENGINEERS	Reviewed by: Chief, Geospatial Branch
Drawn by: JBF	APPROVED: Chief, Geospatial Branch
U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	ILLINOIS RIVER BASIN ILLINOIS RIVER

60 METERS 0 60 120	400 FEET 0 200 400
THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS EXISTING AT THAT TIME.	
POST DREDGE SURVEY RIVER MILES: 54.1 - 53.6	

PLATE NUMBER
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