North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Wilsons Island

"DAYMK DMGD" Wilson Island Dbn. (73.0)

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	419.98	422.07	422.04	-3.09	-3.06
68.0	419.97	422.00	421.97	-3.03	-3.00
67.0	419.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

PRELIMINARY

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9:00=4.97	16:00= 8.98
Meredosia	9:00=4.81	16:00= 4.84
Valley City	9:00=3.5	16:00= 3.5
Florence	9:00=-0.15	16:00= 0.4
Pearl	9:00=2.2	16:00= 2.2

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FP SURVEY

Approved: Darren Forry
CHIEF, FP SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

X 2,182,500

Y 1,165,000

Wilsons Island

Meredosia

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Meredosia Upper #1 Empty Tier

#2 Empty Tier

Meredosia Upper #3 Empty Tier

Meredosia Upper #1 Load Tier

Meredosia Upper #2 Load Tier

Meredosia Upper #3 Load Tier

Meredosia Upper #4 Load Tier

FIG 6s (priv)

#1 Load Tier

#2 Load Tier

#3

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP_DIFF 10:00	MP_DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	419.98	422.07	422.04	-3.09	-3.06
68.0	419.97	422.00	421.97	-3.03	-3.00
67.0	419.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.34	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.39
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16.00= 8.98
Meredosia	9.00=4.8	16.00= 5.8
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=-21.5	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF F&P SURVEY

Approved: Darren Forry
CHIEF, F&P SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

8

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	418.98	422.07	422.04	-3.09	-3.06
68.0	418.97	422.00	421.97	-3.03	-3.00
67.0	418.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 8.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=2.15	16.00= 2.14
Pearl	9.00=0.7	16.00= 0.7

ST. LOUIS DIST

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

9

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Fl(2)R 6s (priv)

Ameren Meredosia Lower Fleet

Fl(2)R 6s (priv)

Fl(2)R 6s (priv)

Fl(2)R 6s

Fl(2)R 6s (priv)

Fl(2)R 6s (priv)

Fl(2)R 6s (priv)

Meredosia Island Dbn. (69.4)

Meredosia Isla

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP_DIFF 10:00	MP_DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	419.98	422.07	422.04	-3.09	-3.06
68.0	419.97	422.00	421.97	-3.03	-3.00
67.0	419.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16.00= 8.98
Meredosia	9.00=4.97	16.00= 3.98
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=21.5	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.1

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

10

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16.00= 4.98
Meredosia	9.00=4.97	16.00= 5.14
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=21.5	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

11

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	418.98	422.07	422.04	-3.09	-3.06
68.0	418.97	422.00	421.97	-3.03	-3.00
67.0	418.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 4.16
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=21.5	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

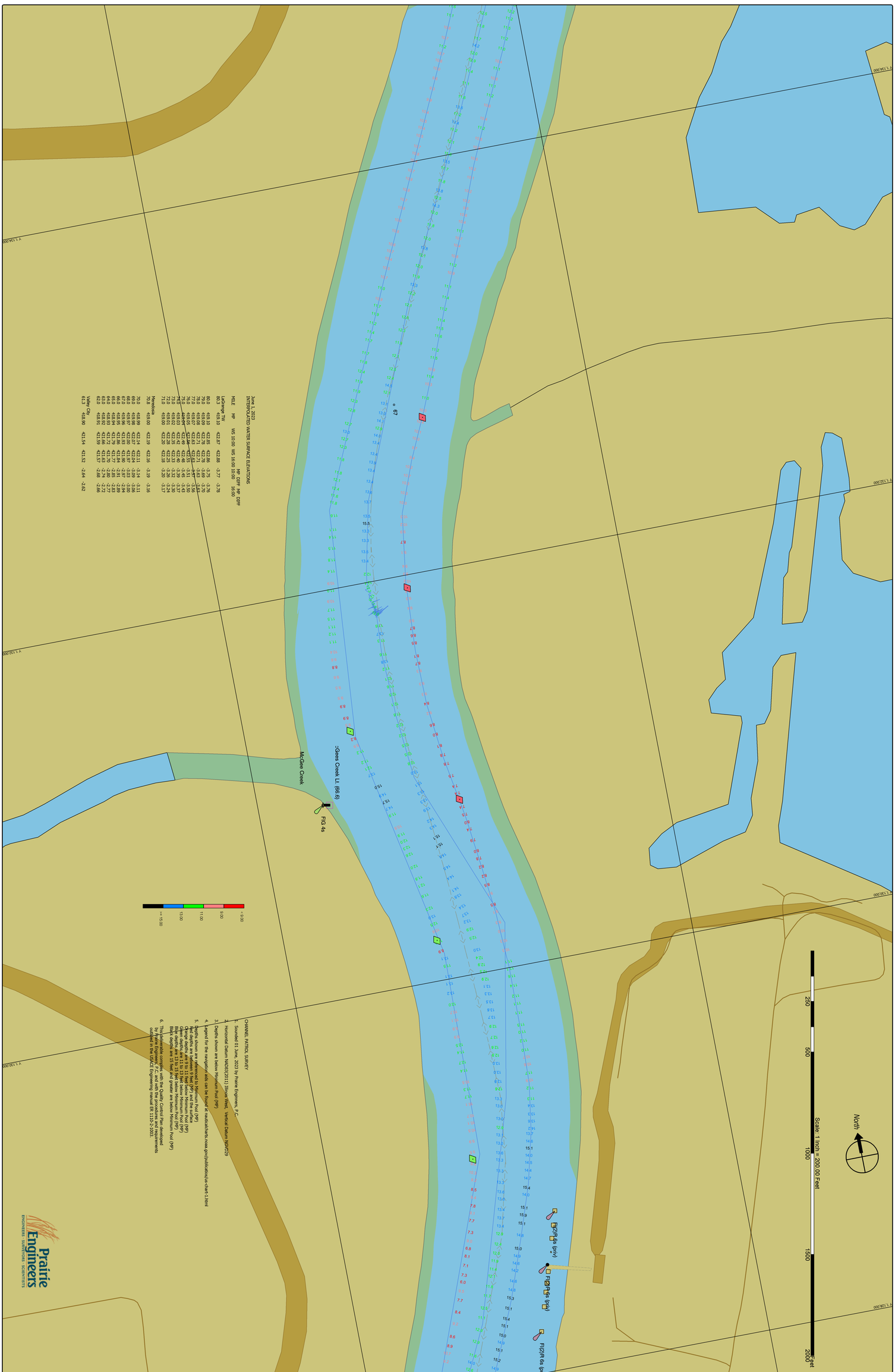
Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2



June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WP	WS 10:00	WS 16:00	WP DIFF 10:00	WP DIFF 16:00
Lagrange		419.10			
80.0	419.10	422.87	422.88	-3.77	-3.78
79.0	419.10	422.85	422.86	-3.75	-3.76
78.0	419.09	422.78	422.78	-3.69	-3.70
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.07	422.53	422.53	-3.47	-3.46
75.0	419.06	422.46	422.46	-3.40	-3.40
74.0	419.02	422.45	422.45	-3.43	-3.43
73.0	419.02	422.40	422.40	-3.39	-3.38
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	418.98	422.07	422.04	-3.09	-3.06
68.0	418.97	422.00	421.97	-3.03	-3.00
67.0	418.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.83	-2.91	-2.88
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.71	421.69	-2.78	-2.76
63.0	418.92	421.66	421.63	-2.74	-2.71
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.5	418.90	421.54	421.52	-2.64	-2.62

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West. Vertical Datum NAVD88
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigational aids can be found at: nauticalcharts.noaa.gov/publications/ux-chart-1.html
5. Depth contours are in feet:
Red depths are between 0 feet (MP) and the surface
Orange depths are 0 to 11 feet below Minimum Pool (MP)
Green depths are 11 to 13 feet below Minimum Pool (MP)
Blue depths are 13 to 15 feet below Minimum Pool (MP)
Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This survey was performed by Prairie Engineers, P.C. and conforms to the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · MAPPERS

13	ILLINOIS RIVER CHANNEL PATROL SURVEY RIVER MILES074.0 - 043.2	U.S. ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI Surveyed by: Prairie Engineers, P.C. 404 N. Main Street Columbia,Il. 62236

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF OF SURVEY

Approved: Darren Forgy
CHIEF OF SURVEY

Date: 06 June, 2023

SCALE:
1" = 200'

FIELD BOOKS:

DATES OF SURVEY:
01 June, 2023

FILE NO.:
REQUEST NO.:

Gage Records 01 June, 2023

LaGrange	9:00=9.37	16:00= 9.38
Meredosia	9:00=4.19	16:00= 4.16
Valley City	9:00=3.5	16:00= 3.5
Florence	9:00=21.5	16:00= 21.4
Pearl	9:00=20.7	16:00= 20.7

ST. LOUIS DIST

Y 1,153,000

X 2,174,000

Y 1,154,000

Y 1,153,000

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Naples, IL

Naples, IL

Fl(2)R 6s (priv)

Fl(2)R 6s (priv)

Fl(2)R 6s (priv)

Consolidated Grain & Barge

66

65

clr 39.7

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	418.98	422.07	422.04	-3.09	-3.06
68.0	418.97	422.00	421.97	-3.03	-3.00
67.0	418.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publicatios/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

X 2,179,000

X 2,128,000

Y 1,148,000

Y 1,148,000

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97 16.00= 8.98
Meredosia	9.00=4.18 16.00= 3.45
Valley City	9.00=3.5 16.00= 3.5
Florence	9.00=21.5 16.00= 21.4
Pearl	9.00=20.2 16.00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FLD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

14

Naples, IL

Consolidated Grain & Barge

Fl(2)R 6s (priv)

Fl(2)R 6s (priv)

Fl(2)R 6s (priv)

Consolidated Grain & Barge

Consolidated Grain & Barge

Fl(2)R 6s (priv)

Consolidated Grain & Barge

Consolidated Grain & Barge

Consolidated Grain & Barge

65

64

15.1

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	419.98	422.07	422.04	-3.09	-3.06
68.0	419.97	422.00	421.97	-3.03	-3.00
67.0	419.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011),Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 5.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=21.15	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

15

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP 10:00 DIFF	MP 16:00 DIFF
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	418.98	422.07	422.04	-3.09	-3.06
68.0	419.97	422.00	421.97	-3.03	-3.00
67.0	419.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9:00–9.97 16:00– 8.98
Meredosia	9:00–4.18 16:00– 3.18
Valley City	9:00–3.5 16:00– 3.4
Florence	9:00–21.5 16:00– 21.4
Pearl	9:00–20.2 16:00– 20.1

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

16

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Mauvaise Terre Dbn. (62.8)

Valley City Bridge Dbn. (62.7)

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP_DIFF 10:00	MP_DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	418.98	422.07	422.04	-3.09	-3.06
68.0	418.97	422.00	421.97	-3.03	-3.00
67.0	418.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62

< 9.00
9.00
11.00
13.00
> 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publication/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9:00–9:37	16:00– 8.98
Meredosia	9:00–9:18	16:00– 5.18
Valley City	9:00–3.5	16:00– 3.5
Florence	9:00–21.5	16:00– 21.4
Pearl	9:00–20.2	16:00– 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.: / REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 3.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=21.5	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.2

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
LaGrange TW					
80.3	419.10	422.87	422.88	-3.77	-3.78
80.0	419.10	422.85	422.86	-3.75	-3.76
79.0	419.09	422.78	422.78	-3.69	-3.70
78.0	419.08	422.71	422.71	-3.63	-3.63
77.0	419.07	422.63	422.63	-3.57	-3.56
76.0	419.05	422.56	422.55	-3.51	-3.50
75.0	419.04	422.49	422.48	-3.45	-3.43
74.0	419.03	422.42	422.40	-3.39	-3.37
73.0	419.02	422.35	422.33	-3.32	-3.30
72.0	419.01	422.28	422.25	-3.26	-3.24
71.0	419.00	422.20	422.18	-3.20	-3.17
Meredosia					
70.8	419.00	422.19	422.16	-3.19	-3.16
70.0	418.99	422.14	422.11	-3.14	-3.11
69.0	418.98	422.07	422.04	-3.09	-3.06
68.0	418.97	422.00	421.97	-3.03	-3.00
67.0	418.96	421.93	421.90	-2.97	-2.94
66.0	418.95	421.86	421.84	-2.91	-2.89
65.0	418.94	421.79	421.77	-2.85	-2.83
64.0	418.93	421.72	421.70	-2.80	-2.77
63.0	418.92	421.66	421.63	-2.74	-2.72
62.0	418.91	421.59	421.57	-2.68	-2.66
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62

Valley City, IL

Valley City, IL

Owens Dbn. (61.0)
Griggsville Ldg

FR

ck dl 9.0
ck dl 23.8
ck dl 27.7

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

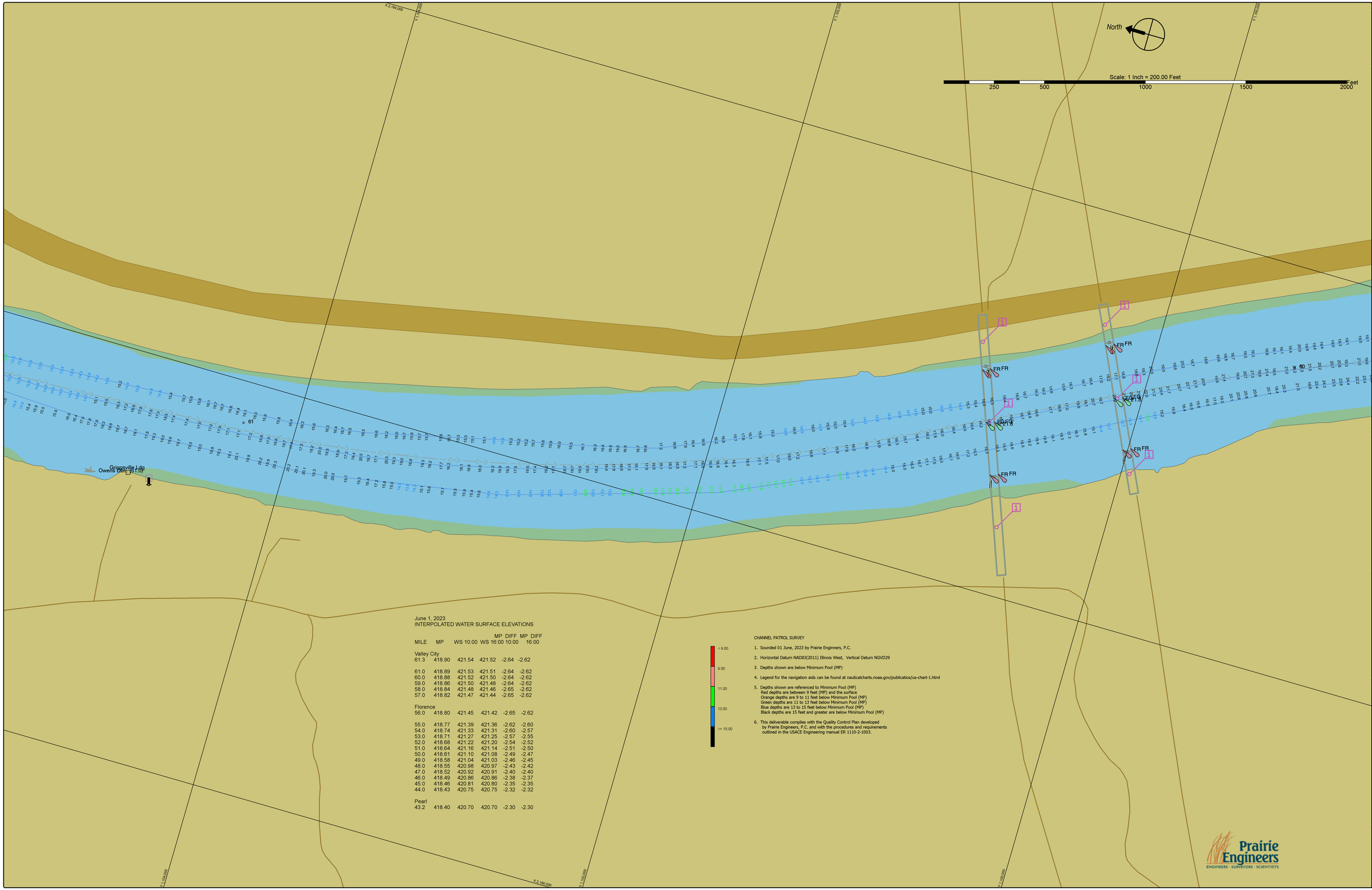
Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2



June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10.00	WS 16.00	MP 10.00 DIFF	MP 16.00 DIFF
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9:00=9.97	16:00=8.98
Meredosia	9:00=4.18	16:00=3.18
Valley City	9:00=3.5	16:00=3.5
Florence	9:00=21.5	16:00=21.4
Pearl	9:00=20.7	16:00=20.7

SCALE: 1" = 200'

DATES OF SURVEY: 01 June, 2023

FIELD BOOKS:

FILE NO.: REQUEST NO.:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FP SURVEY

Approved: Darren Forry
CHIEF, FP SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

19

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10.00	WS 16.00	MP DIFF 10.00	MP DIFF 16.00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
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   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
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Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16.00= 9.98
Meredosia	9.00=4.68	16.00= 5.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=-2.15	16.00= -2.4
Pearl	9.00=-2.3	16.00= -2.3

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

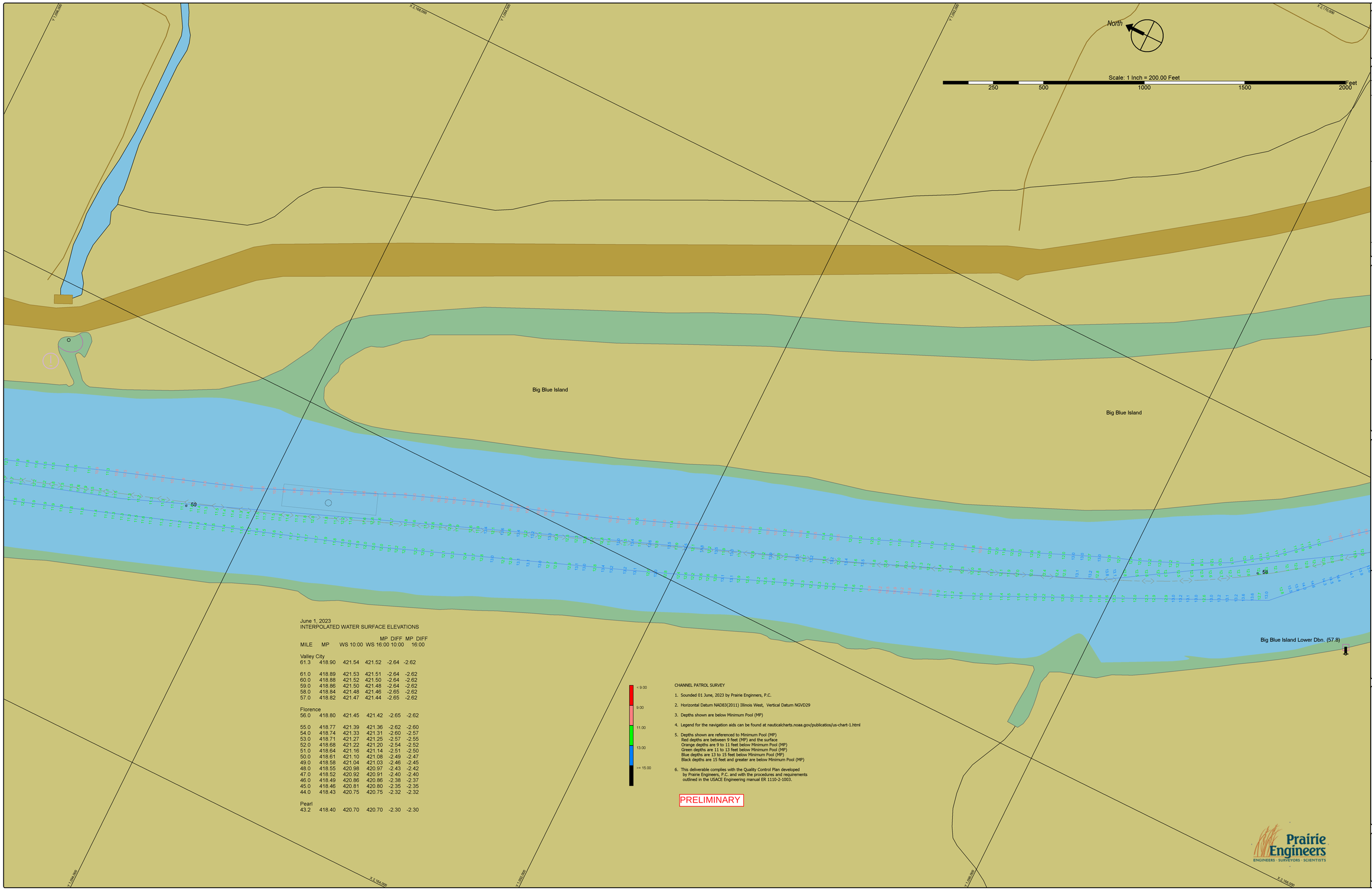
Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2



June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publication/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

PRELIMINARY

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 3.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=21.5	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.1

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FP SURVEY

Approved: Darren Forry
CHIEF, FP SURVEY

Date: 06 June, 2023

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
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   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 3.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=21.5	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

X:2,174,000

Y:1,640,000

Y:1,642,000

Y:1,660,000

Bevington Dbn. (56.4)

Bevington Lt. (56.6)

Fl(2)R 5s

Central Stone

Florence, IL

FR

Crane 1

56

Op 25.4

57

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publicatios/us-chart-1.html
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   Red depths are between 9 feet (MP) and the surface
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   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Gage Records 01 June, 2023

LaGrange	9:00=4.97	16:00= 8.98
Meredosia	9:00=4.18	16:00= 5.45
Valley City	9:00=3.5	16:00= 3.5
Florence	9:00=21.5	16:00= 21.4
Pearl	9:00=20.2	16:00= 20.2

ST. LOUIS DIST

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FP SURVEY

Approved: Darren Forry
CHIEF, FP SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

North

Scale: 1 Inch = 200.00 Feet
250 500 1000 1500 2000 Feet

Florence, IL

rence, IL

FIG 6s (priv)

"LT EXT" Florence Lt. (55.0)

FIG 4s

55

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

< 9.00
9.00
11.00
13.00
>= 15.00

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16:00= 8.98
Meredosia	9.00=4.18	16:00= 4.16
Valley City	9.00=3.5	16:00= 3.5
Florence	9.00=21.5	16:00= 21.4
Pearl	9.00=20.2	16:00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CHF, ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

54

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 4.16
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=-0.15	16.00= 0.14
Pearl	9.00=-2.3	16.00= -2.3

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

25

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10.00	WS 16.00	MP DIFF 10.00	MP DIFF 16.00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00–9.97	16.00– 8.98
Meredosia	9.00–9.18	16.00– 8.82
Valley City	9.00–3.5	16.00– 3.5
Florence	9.00–21.5	16.00– 21.4
Pearl	9.00–20.2	16.00– 20.1

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FLD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

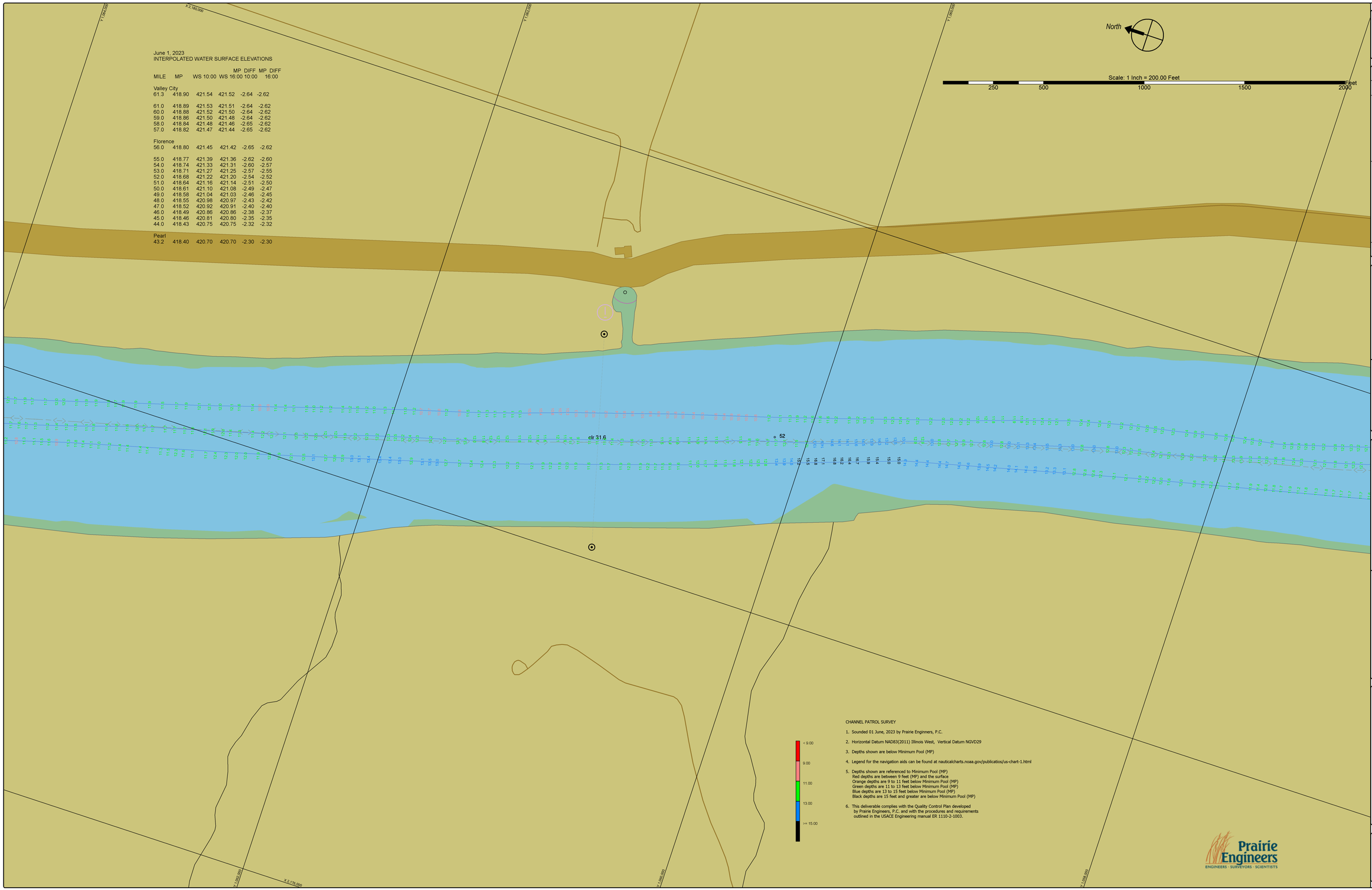
Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

26

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10.00	WS 16.00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30



< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
   Orange depths are 9 to 11 feet below Minimum Pool (MP)
   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 4.16
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=2.15	16.00= 2.14
Pearl	9.00=0.2	16.00= 0.24

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
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   Green depths are 11 to 13 feet below Minimum Pool (MP)
   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16:00= 8.98
Meredosia	9.00=4.18	16:00= 3.98
Valley City	9.00=3.5	16:00= 3.5
Florence	9.00=21.5	16:00= 21.4
Pearl	9.00=20.2	16:00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FP SURVEY

Approved: Darren Forgy
CHIEF, FP SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

28

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP 10:00 DIFF	MP 16.00 DIFF
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

North

Scale: 1 Inch = 200.00 Feet
250 500 1000 1500 2000 Feet

Glasgow Ldg Lt. (50.0)
Big Sandy Creek Fl(2)R 5s

McEvers Isla

< 9.00
9.00
11.00
13.00
15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publicatios/us-chart-1.html
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   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16:00= 8.98
Meredosia	9.00=4.18	16:00= 5.18
Valley City	9.00=3.5	16:00= 3.5
Florence	9.00=2.15	16:00= 2.1 +
Pearl	9.00=2.3	16:00= 2.3 +

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
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< 9.00
9.00
11.00
13.00
>= 15.00

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16.00= 8.98
Meredosia	9.00=9.18	16.00= 5.48
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=20.15	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.:
REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

30

Y 1,040,000

Y 1,038,000

Y 1,036,000

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Pilot Peak Bend Dbn. (47.8)

48

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

1. Sounded 01 June, 2023 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83(2011) Illinois West, Vertical Datum NGVD29
3. Depths shown are below Minimum Pool (MP)
4. Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
5. Depths shown are referenced to Minimum Pool (MP)
   Red depths are between 9 feet (MP) and the surface
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   Blue depths are 13 to 15 feet below Minimum Pool (MP)
   Black depths are 15 feet and greater are below Minimum Pool (MP)
6. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-2-1003.

Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=9.97	16.00= 8.98
Meredosia	9.00=9.18	16.00= 5.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=21.5	16.00= 21.4
Pearl	9.00=20.2	16.00= 20.2

DATES OF SURVEY: 01 June, 2023

FILE NO.: / REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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Columbia Il. 62236

ILLINOIS RIVER

CHANNEL PATROL SURVEY

RIVER MILES074.0 - 043.2

June 1, 2023
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Valley City					
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61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
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54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
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44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

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Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 5.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=-2.15	16.00= -2.1
Pearl	9.00=-2.3	16.00= -2.3

DATES OF SURVEY: 01 June, 2023

SCALE: 1" = 200'

FIELD BOOKS:

FILE NO.:
REQUEST NO.:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FIELD SURVEY

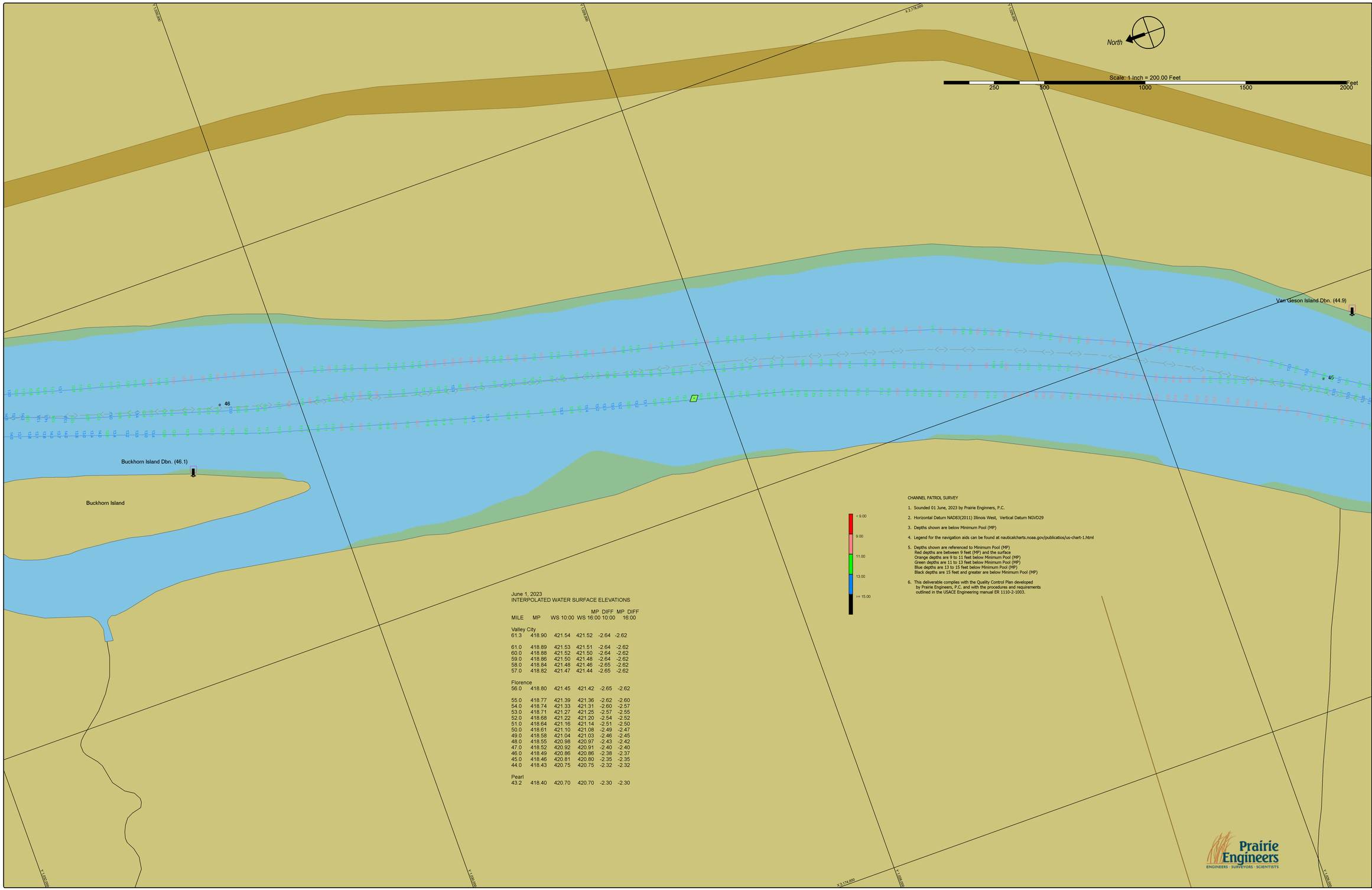
Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

Surveyed by
Prairie Engineers, P.C.
404 N. Main Street
Columbia Il. 62236

ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2



June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
61.0	418.89	421.53	421.51	-2.64	-2.62
60.0	418.88	421.52	421.50	-2.64	-2.62
59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
57.0	418.82	421.47	421.44	-2.65	-2.62
Florence					
56.0	418.80	421.45	421.42	-2.65	-2.62
55.0	418.77	421.39	421.36	-2.62	-2.60
54.0	418.74	421.33	421.31	-2.60	-2.57
53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

CHANNEL PATROL SURVEY

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Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9:00=4.97	16:00= 8.98
Meredosia	9:00=4.87	16:00= 9.14
Valley City	9:00=3.5	16:00= 3.5
Florence	9:00=-0.15	16:00= 0.14
Pearl	9:00=-2.7	16:00= -2.7

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FLD SURVEY

Approved: Darren Forry
CHIEF, FIELD SURVEY

Date: 06 June, 2023

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

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ILLINOIS RIVER
CHANNEL PATROL SURVEY
RIVER MILES074.0 - 043.2

33

Y 1,834,939

X 2,170,000

X 2,172,000

X 2,174,000

Y 1,832,000

Y 1,834,939

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Van Geson Island

Van Geson Island Dbn. (44.9)

45

44

Grand Pass Bridge Upper Lt. (44.1)

FIG 4s

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 10:00	WS 16:00	MP DIFF 10:00	MP DIFF 16:00
Valley City					
61.3	418.90	421.54	421.52	-2.64	-2.62
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59.0	418.86	421.50	421.48	-2.64	-2.62
58.0	418.84	421.48	421.46	-2.65	-2.62
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53.0	418.71	421.27	421.25	-2.57	-2.55
52.0	418.68	421.22	421.20	-2.54	-2.52
51.0	418.64	421.16	421.14	-2.51	-2.50
50.0	418.61	421.10	421.08	-2.49	-2.47
49.0	418.58	421.04	421.03	-2.46	-2.45
48.0	418.55	420.98	420.97	-2.43	-2.42
47.0	418.52	420.92	420.91	-2.40	-2.40
46.0	418.49	420.86	420.86	-2.38	-2.37
45.0	418.46	420.81	420.80	-2.35	-2.35
44.0	418.43	420.75	420.75	-2.32	-2.32
Pearl					
43.2	418.40	420.70	420.70	-2.30	-2.30

< 9.00
9.00
11.00
13.00
>= 15.00

CHANNEL PATROL SURVEY

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Prairie Engineers
ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

Gage Records 01 June, 2023

LaGrange	9.00=4.97	16.00= 8.98
Meredosia	9.00=4.18	16.00= 5.18
Valley City	9.00=3.5	16.00= 3.5
Florence	9.00=2.15	16.00= 2.14
Pearl	9.00=0.2	16.00= 0.21

DATES OF SURVEY: 01 June, 2023

FILE NO.: REQUEST NO.:

SCALE: 1" = 200'

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

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ASST. CHIEF FLD SURVEY

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CHIEF, FIELD SURVEY

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ST. LOUIS DISTRICT
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404 N. Main Street
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ILLINOIS RIVER

CHANNEL PATROL SURVEY

RIVER MILES074.0 - 043.2

North

Scale: 1 Inch = 200.00 Feet

250 500 1000 1500 2000 Feet

Y 1,930,000

Y 1,928,000

X 2,174,000

FIG 4s

44

43

clr 28.3

clr 28.3

FR

FR

FR

FR

1

1

1

1

Buoy 6.1

Buoy 21.1

Pearl, IL

June 1, 2023
INTERPOLATED WATER SURFACE ELEVATIONS

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ENGINEERS · SURVEYORS · SCIENTISTS

ST. LOUIS DIST

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SCALE: 1" = 200'

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FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF FP SURVEY

Approved: Darren Forry
CHIEF, FP SURVEY

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RIVER MILES074.0 - 043.2