

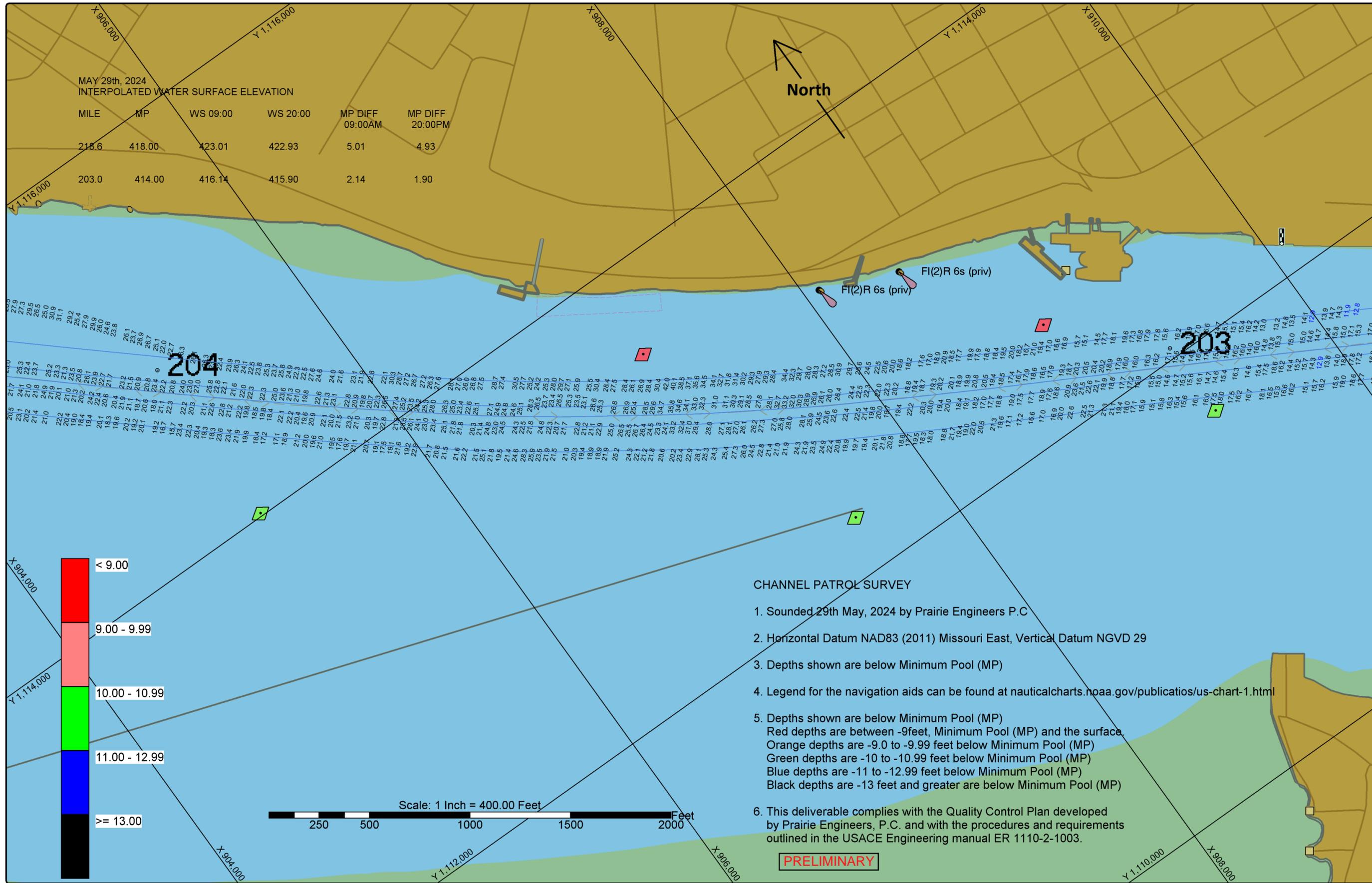


ST. LOUIS

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

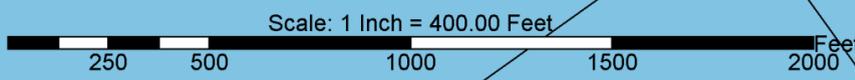
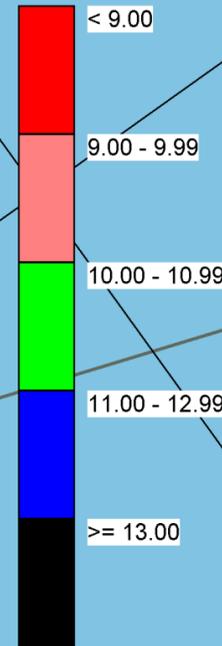
MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90

North



204

203



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
- Depths shown are below Minimum Pool (MP)
 Red depths are between -9feet, Minimum Pool (MP) and the surface.
 Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 feet and greater are below Minimum Pool (MP)
- 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

Gage Records 29th May 2024
Alton @ 09:00hrs = 16.14ft
Grafton @ 09:00hrs = 19.22ft
Alton @ 20:00hrs = 15.90ft
Grafton @ 20:00hrs = 19.14ft

DATES OF SURVEY:
MAY 29th 2024
SCALE:
ONE INCH = 400 FEET
FIELD BOOKS:
FILE NO.:
REQUEST NO.:

Approved: <u>Abednego Nkem</u> REGISTERED PROFESSIONAL ENGINEER
Approved: <u>Tom Frerichs</u> CIVIL ENGINEERING TECHNICIAN
Approved: <u>Jarrett Lancer</u> ASST. CHIEF OF SURVEY
Approved: <u>Tristan Harper</u> CHIEF OF SURVEY
Date: <u>MAY 30 2024</u>

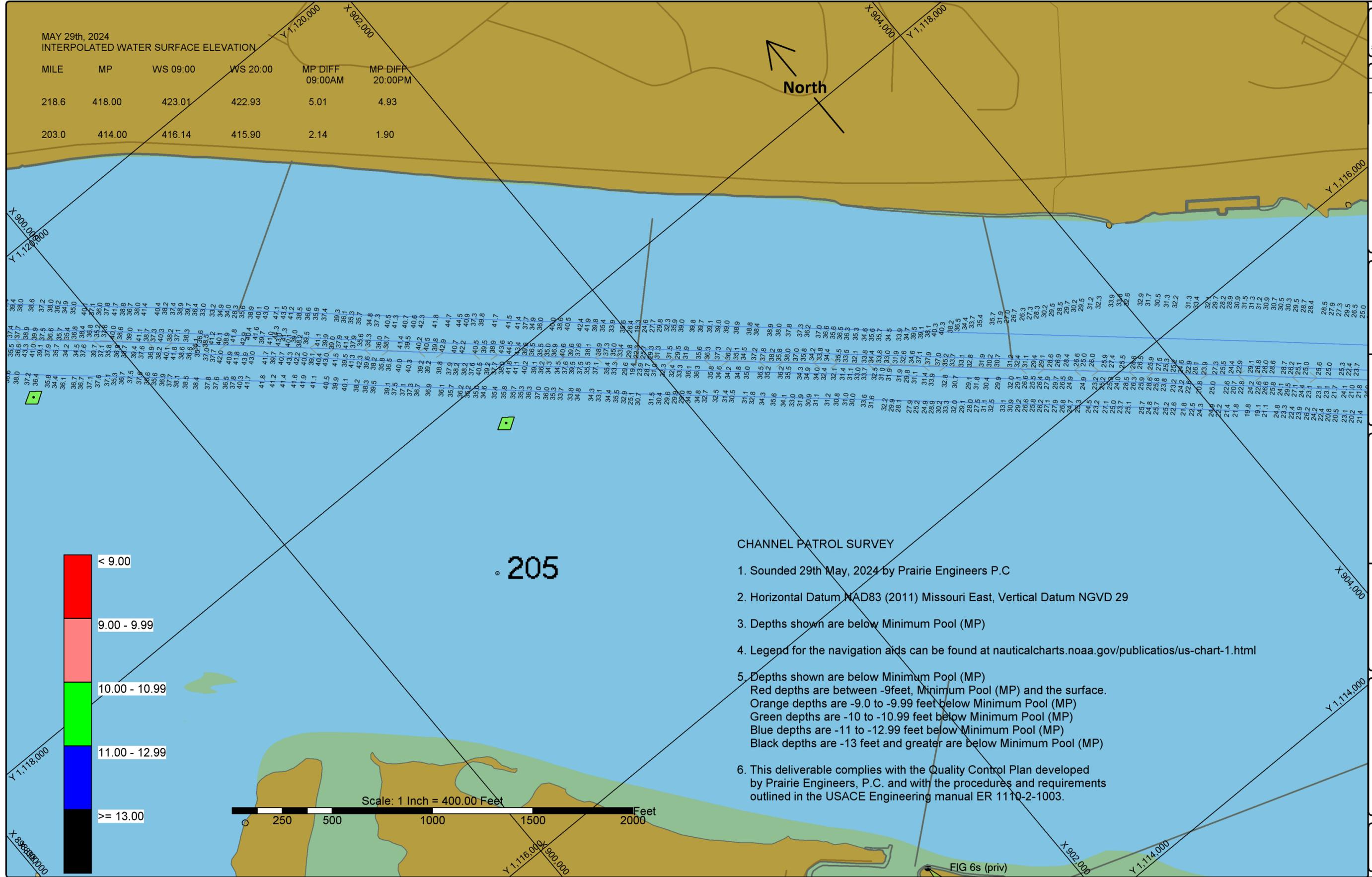
US ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI
SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236

CHANNEL PATROL SURVEY OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 8

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
- Depths shown are below Minimum Pool (MP)
Red depths are between -9feet, Minimum Pool (MP) and the surface.
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Green depths are -10 to -10.99 feet below Minimum Pool (MP)
Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
Black depths are -13 feet and greater are below Minimum Pool (MP)
- 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 29th May 2024	
Alton @ 09:00hrs	= 16.14ft
Grafton @ 09:00hrs	= 19.22ft
Alton @ 20:00hrs	= 15.90ft
Grafton @ 20:00hrs	= 19.14ft

DATES OF SURVEY: MAY 29th 2024	FILE NO.:
SCALE: ONE INCH = 400 FEET	REQUEST NO.:
FIELD BOOKS:	

Approved: **Abednego Nkem**
RELAY COORDINATOR

Approved: **Tom Frerichs**
CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

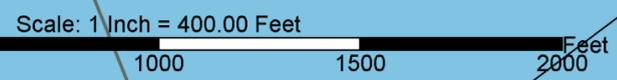
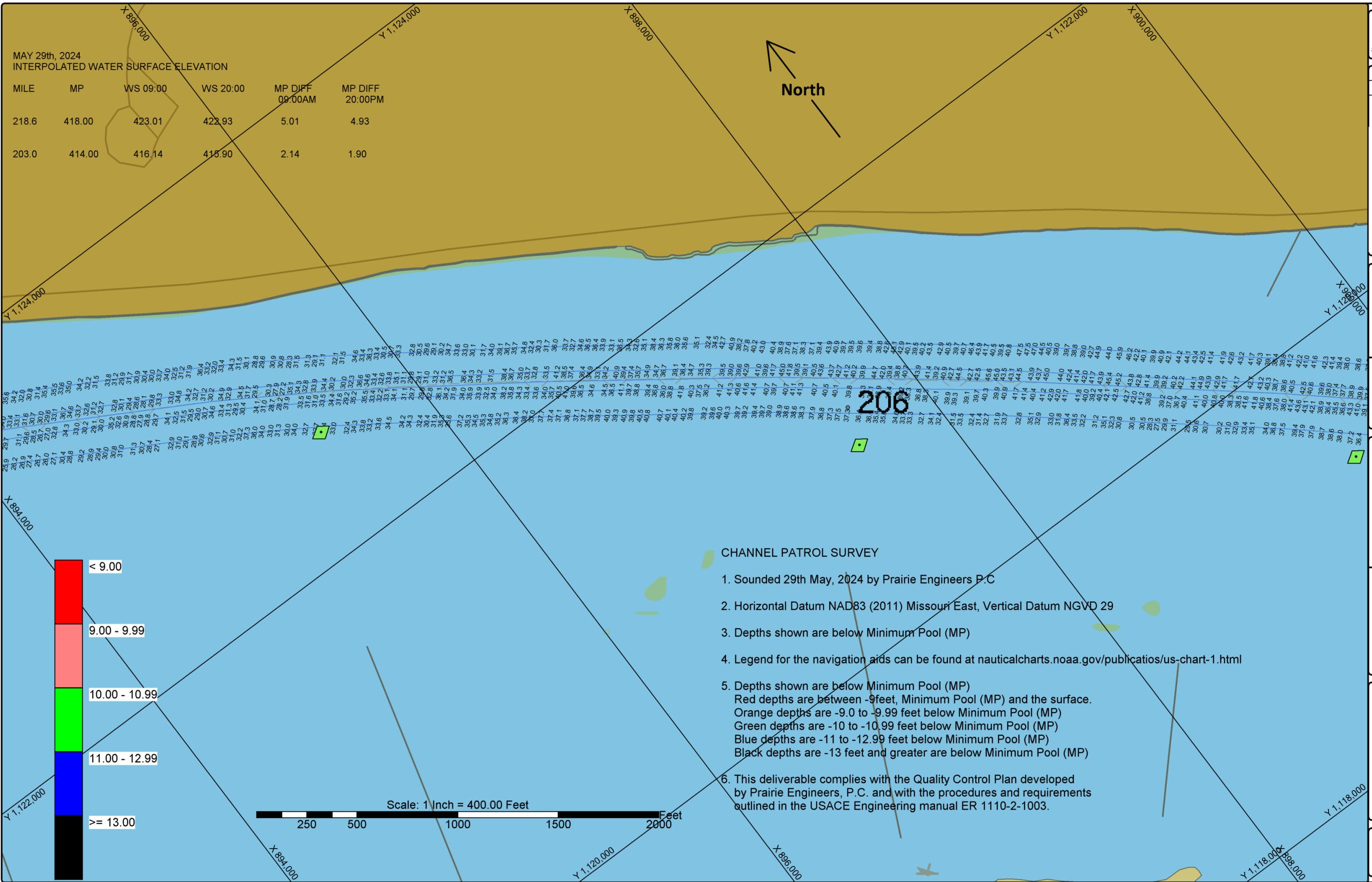
CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 9

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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Gage Records 29th May 2024	
Alton @ 09:00hrs = 16.14ft	
Grafton @ 09:00hrs = 19.22ft	
Alton @ 20:00hrs = 15.90ft	
Grafton @ 20:00hrs = 19.14ft	

DATES OF SURVEY: MAY 29TH 2024	FILE NO.:
SCALE: ONE INCH = 400 FEET	REQUEST NO.:
FIELD BOOKS:	

Approved: **Abednego Nkem**
RELAYING ENGINEER

Approved: **Tom Frerichs**
CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

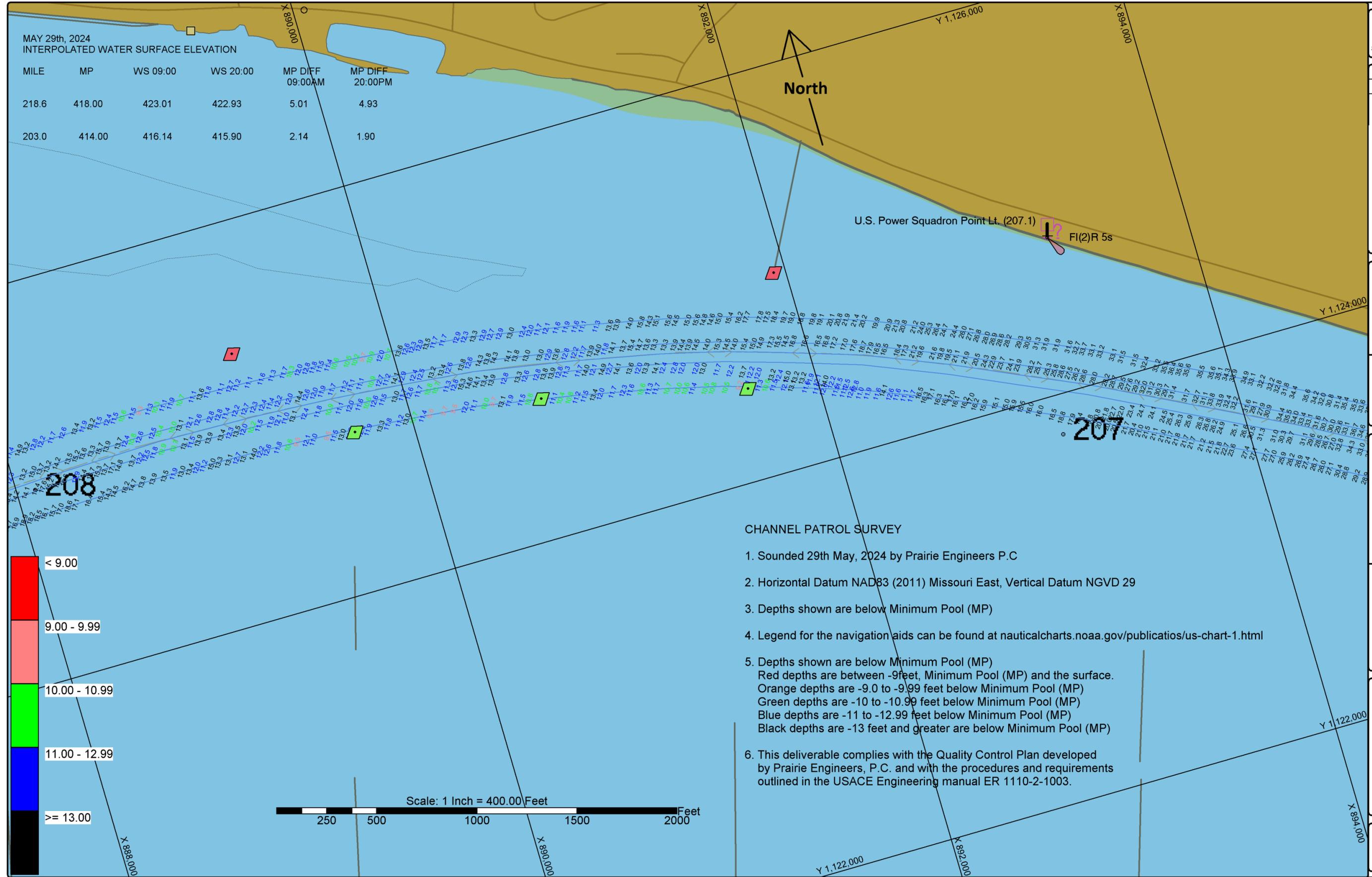
CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 10

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90

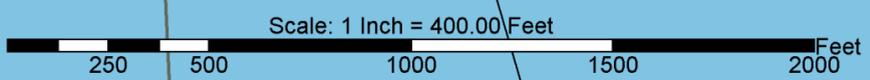
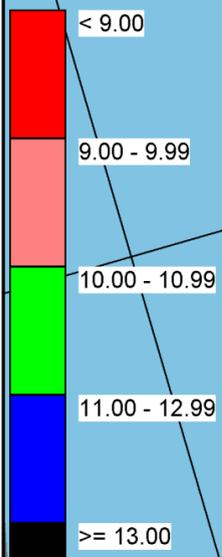


208

207

North

U.S. Power Squadron Point Lt. (207.1)
FI(2)R 5s



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
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Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
Black depths are -13 feet and greater are below Minimum Pool (MP)
- 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 29th May 2024	
Alton @ 09:00hrs = 16.14ft	
Grafton @ 09:00hrs = 19.22ft	
Alton @ 20:00hrs = 15.90ft	
Grafton @ 20:00hrs = 19.14ft	

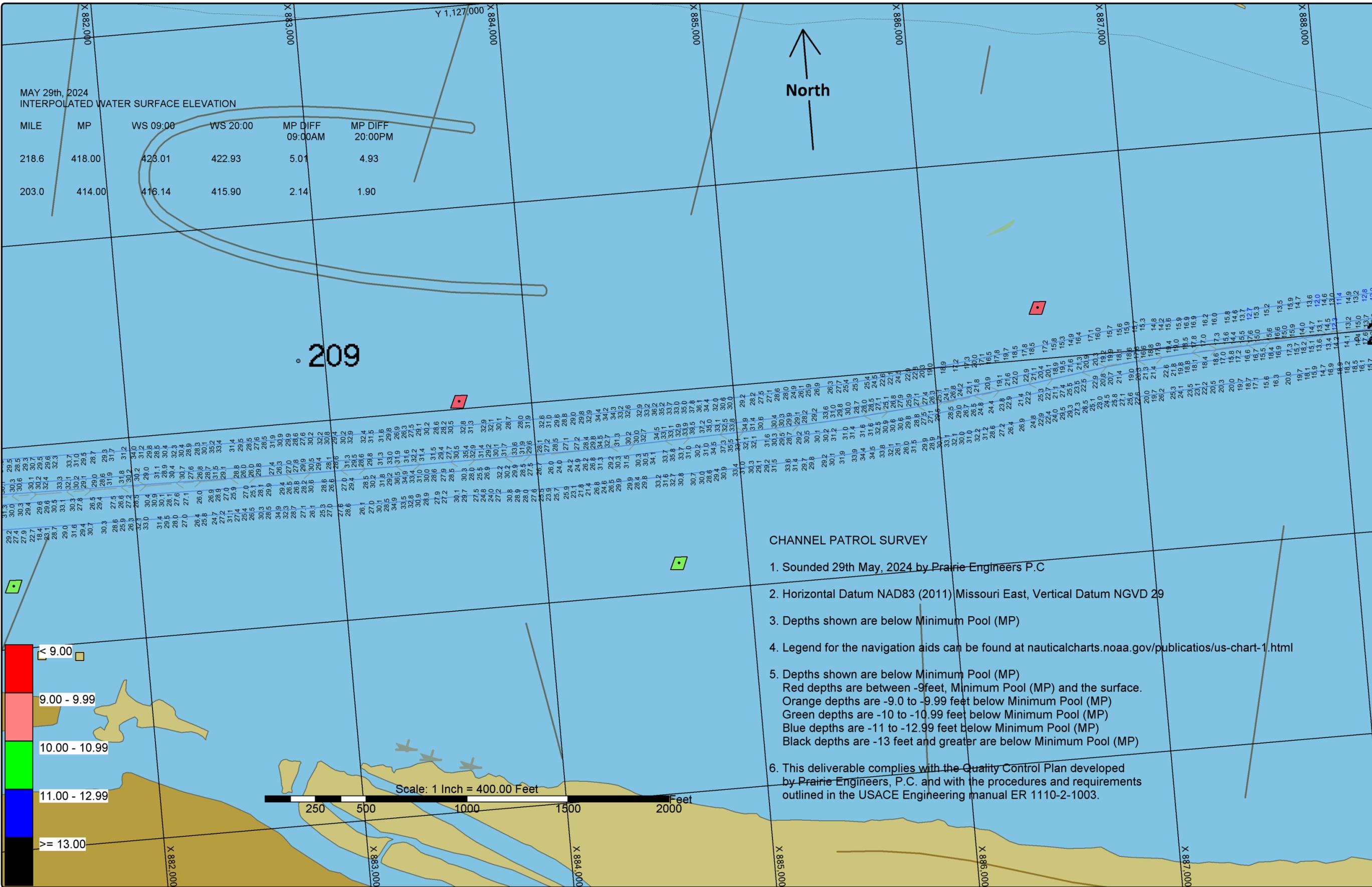
DATES OF SURVEY: MAY 29th 2024	FILE NO.:
SCALE: ONE INCH = 400 FEET	REQUEST NO.:
FIELD BOOKS:	

Approved: Abednego Nkem SUPERVISOR
Approved: Tom Frerichs CIVIL ENGINEERING TECHNICIAN
Approved: Jarrett Lancer ASST. CHIEF OF SURVEY
Approved: Tristan Harper CHIEF OF SURVEY
Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI	SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236
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CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 11

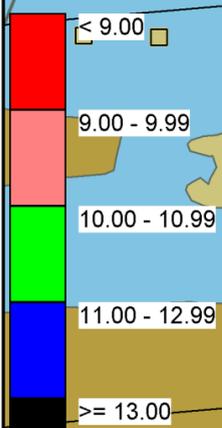


209

CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
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 below Minimum Pool (MP)
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 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 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.

Scale: 1 Inch = 400.00 Feet





ST. LOUIS

Gage Records 29th May 2024 Alton @ 09:00hrs = 16.14ft Grafton @ 09:00hrs = 19.22ft Alton @ 20:00hrs = 15.90ft Grafton @ 20:00hrs = 19.14ft	DATES OF SURVEY: MAY 29th 2024 SCALE: ONE INCH = 400 FEET FIELD BOOKS: FILE NO.: REQUEST NO.:
Approved: <u>Abednego Nkem</u> <small>REGISTERED PROFESSIONAL ENGINEER</small> Approved: <u>Tom Frerichs</u> <small>CIVIL ENGINEERING TECHNICIAN</small> Approved: <u>Jarrett Lancer</u> <small>ASST. CHIEF OF SURVEY</small> Approved: <u>Tristan Harper</u> <small>CHIEF OF SURVEY</small> Date: <u>MAY 30 2024</u>	US ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236
CHANNEL PATROL SURVEY OF UPPER MISSISSIPPI RIVER RIVER MILE 195.0 - 300.0	
SHEET 12	



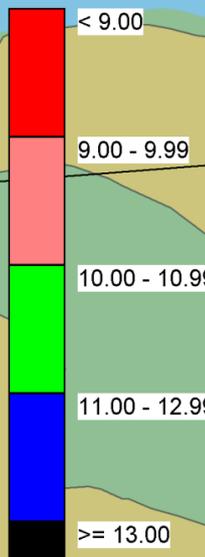
ST. LOUIS

CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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North

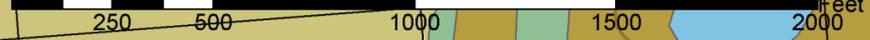
210



MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90

Scale: 1 Inch = 400.00 Feet



Gage Records 29th May 2024	
Alton @ 09:00hrs = 16.14ft	
Grafton @ 09:00hrs = 19.22ft	
Alton @ 20:00hrs = 15.90ft	
Grafton @ 20:00hrs = 19.14ft	

DATES OF SURVEY:
MAY 29th 2024

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abednego Nkem
RELAY OPERATOR

Approved: Tom Frerichs
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 13

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90

North



ST. LOUIS

Gage Records 29th May 2024
Alton @ 09:00hrs = 16.14ft
Grafton @ 09:00hrs = 19.22ft
Alton @ 20:00hrs = 15.90ft
Grafton @ 20:00hrs = 19.14ft

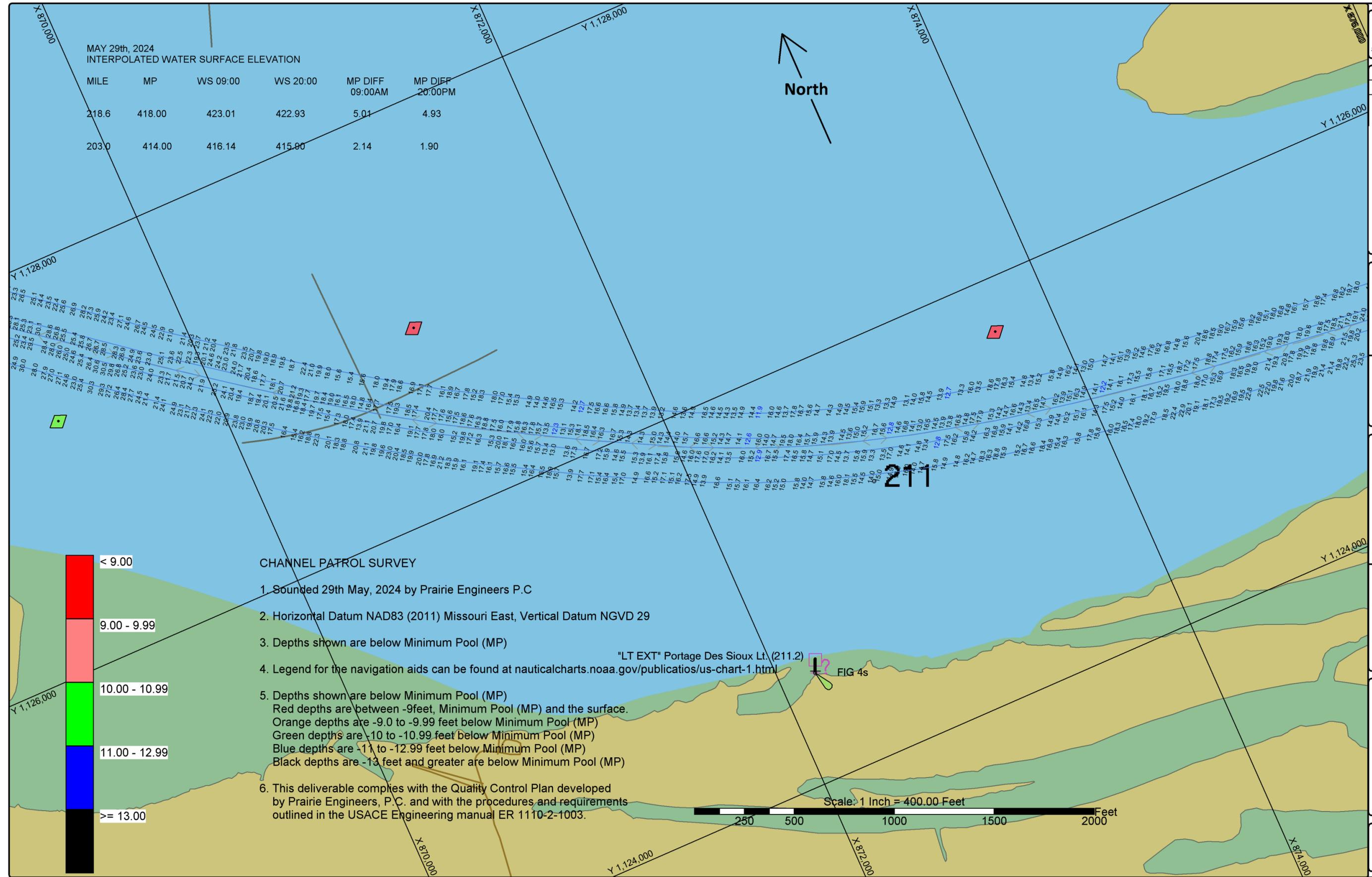
DATES OF SURVEY:	MAY 29TH 2024
SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	
FILE NO.:	
REQUEST NO.:	

Approved: Abednego Nkomo REGISTERED PROFESSIONAL ENGINEER
Approved: Tom Frerichs CIVIL ENGINEERING TECHNICIAN
Approved: Jarrett Lanier CIVIL ENGINEERING TECHNICIAN
Approved: Tristan Harper CHIEF OF SURVEY
Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI
SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236

CHANNEL PATROL SURVEY OF UPPER MISSISSIPPI RIVER RIVER MILE 195.0 - 300.0

SHEET 14



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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- 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.

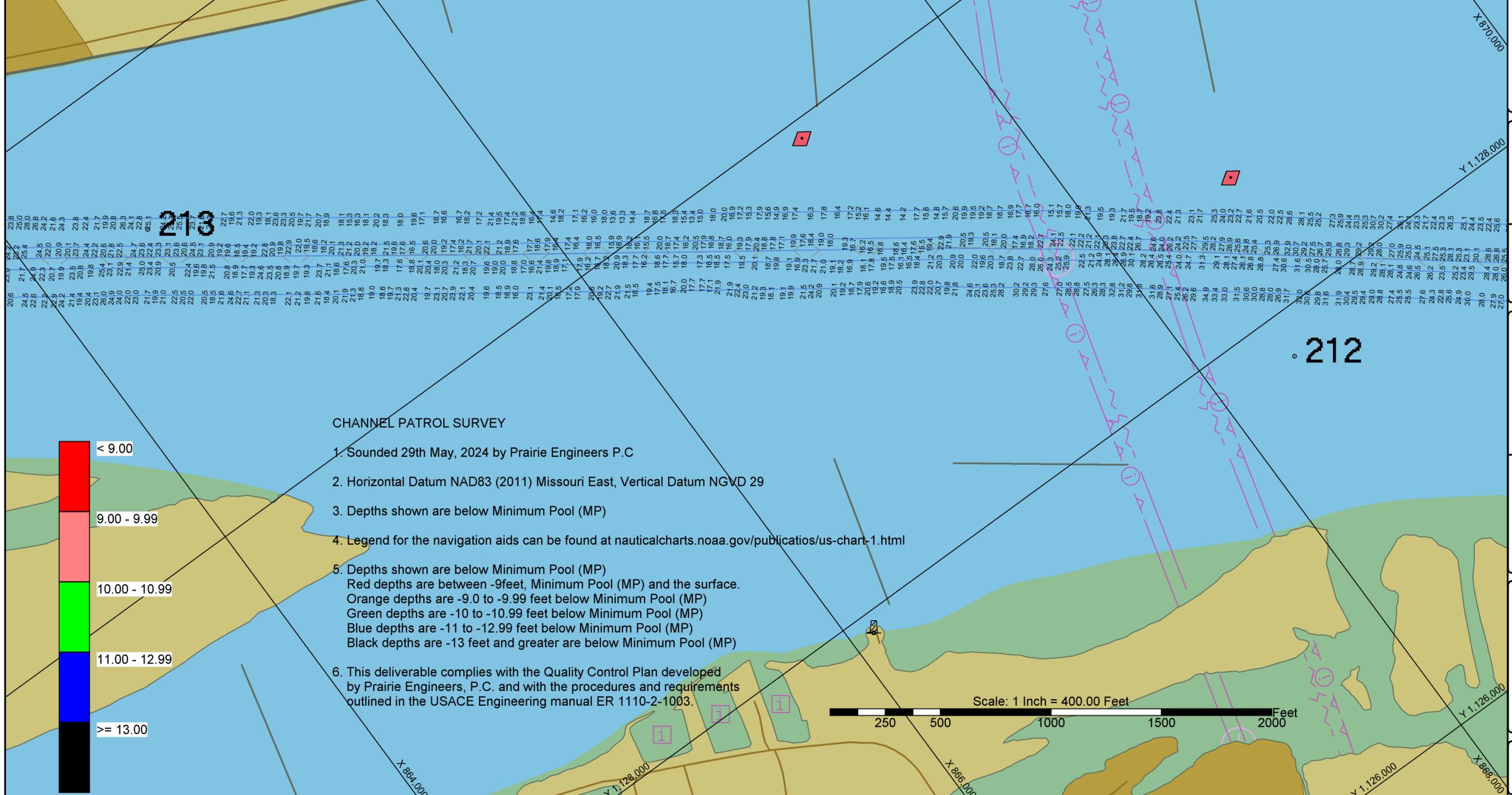
"LT EXT" Portage Des Sioux Lt. (211.2)

Scale: 1 Inch = 400.00 Feet



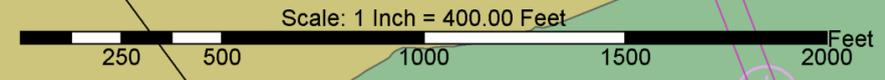
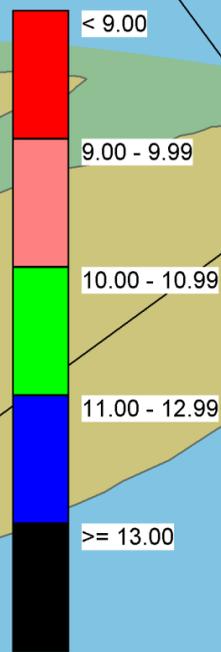
MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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Gage Records 29th May 2024	
Alton @ 09:00hrs	= 16.14ft
Grafton @ 09:00hrs	= 19.22ft
Alton @ 20:00hrs	= 15.90ft
Grafton @ 20:00hrs	= 19.14ft

DATES OF SURVEY:
MAY 29TH 2024

FILE NO.: _____
REQUEST NO.: _____

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abednego Nkem
RELAYING CHIEF

Approved: Tom Frerichs
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Lancer
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 15



ST. LOUIS

Gage Records 25th May 2024
 Alton @ 09:00hrs = 16.14ft
 Grafton @ 09:00hrs = 19.22ft
 Alton @ 20:00hrs = 15.90ft
 Grafton @ 20:00hrs = 19.14ft

DATES OF SURVEY:
 MAY 29TH 2024

FILE NO.:
 REQUEST NO.:

SCALE:
 ONE INCH = 400 FEET

FIELD BOOKS:

Approved: **Abdennour Nkem**
 DISTRICT ENGINEER

Approved: **Tom Frerichs**
 CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
 ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
 CHIEF OF SURVEY

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 16

MAY 29th, 2024
 INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90

North

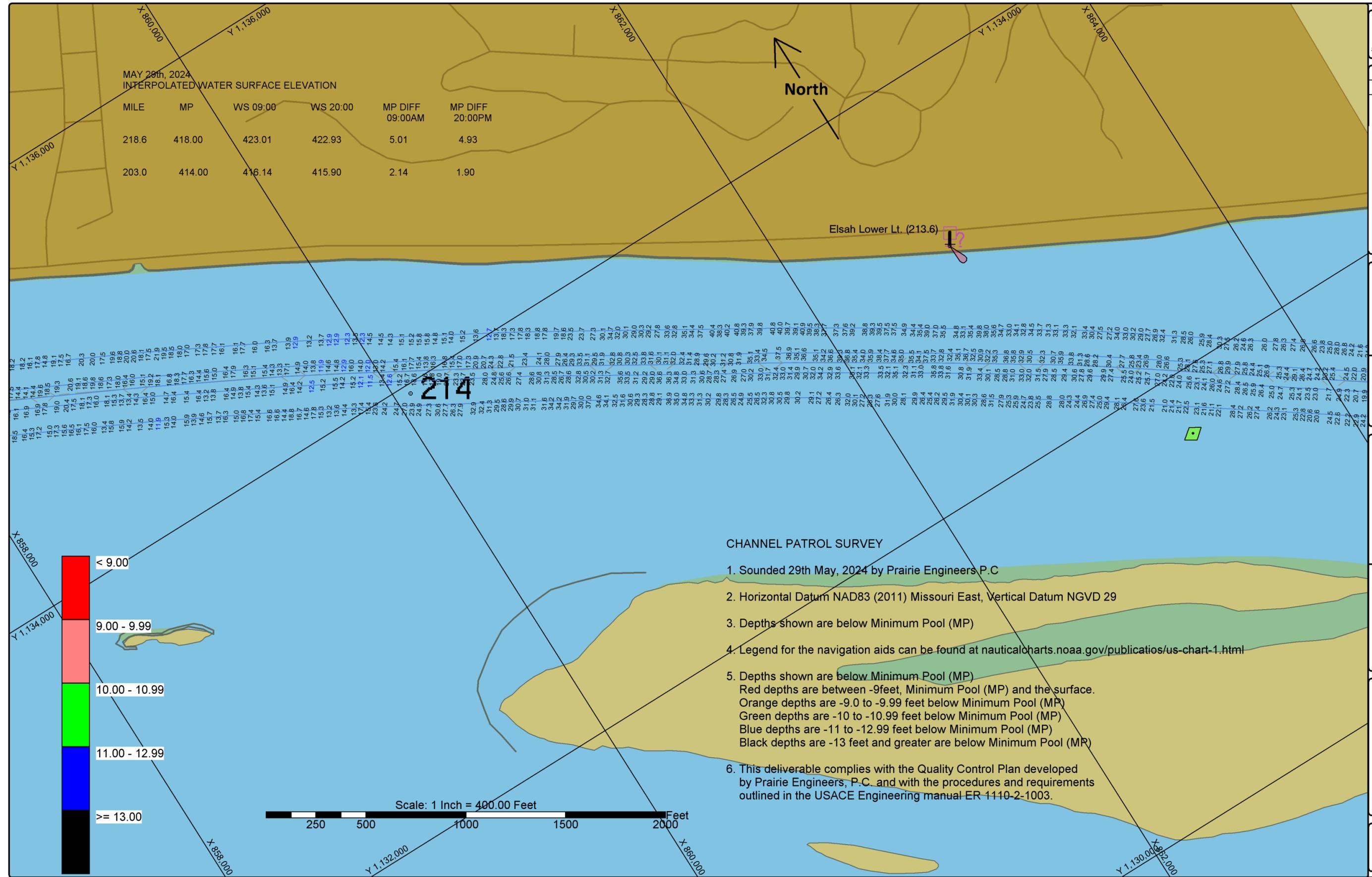
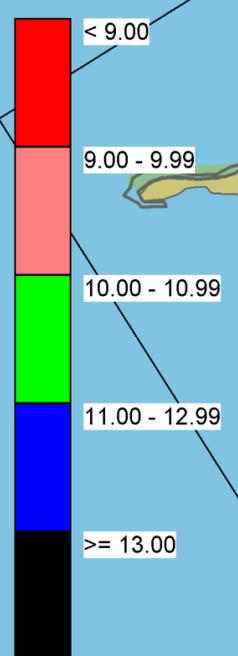
Elsah Lower Lt. (213.6)

214

CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
- Depths shown are below Minimum Pool (MP)
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Scale: 1 Inch = 400.00 Feet



18.5	16.1	14.4	18.2
16.4	16.9	14.1	16.1
15.3	16.9	14.6	17.8
17.2	17.8	18.5	14.8
15.0	19.0	19.3	17.5
17.3	20.4	20.6	16.7
18.6	18.1	18.6	20.0
16.9	17.5	19.1	20.3
17.5	18.1	18.6	18.1
16.0	17.3	19.8	18.1
13.4	18.1	17.3	17.5
15.8	15.3	18.0	19.6
15.9	13.7	16.4	20.0
14.2	13.4	16.0	20.6
14.2	13.4	16.0	20.6
15.7	13.8	15.0	17.7
13.7	16.3	16.4	16.4
15.0	14.9	17.9	16.1
16.8	13.8	16.3	17.7
17.4	15.4	15.1	16.0
15.4	14.3	14.3	15.1
16.6	15.1	14.3	16.3
16.6	15.1	14.3	13.7
14.4	14.9	13.3	13.9
18.8	16.4	17.1	15.8
16.7	14.2	14.9	12.9
14.6	14.2	14.0	13.2
17.8	12.5	13.8	13.7
15.3	15.2	11.9	13.7
13.2	13.6	14.6	12.9
13.6	15.5	14.8	12.9
14.4	14.2	12.9	12.3
13.3	15.2	16.0	13.5
17.4	12.1	14.0	12.3
15.4	11.5	12.8	14.5
23.8	14.4	14.2	14.5
24.2	14.4	14.2	14.5
24.7	15.2	16.4	14.3
24.0	15.2	16.1	15.1
23.9	16.7	17.7	15.2
24.9	18.6	15.4	15.8
27.3	18.8	16.3	15.8
30.8	19.0	16.8	14.8
27.7	17.7	15.8	15.1
26.3	23.3	17.0	14.0
27.3	23.7	17.0	15.2
23.5	20.3	13.6	
32.4	28.0	24.3	13.7
31.3	24.8	24.3	13.7
29.5	25.6	22.8	18.3
28.6	26.6	21.5	17.3
29.9	26.6	21.5	17.3
30.7	27.4	23.4	17.8
31.0	28.6	24.1	18.3
31.1	30.8	24.1	18.8
31.6	31.3	28.0	17.8
34.2	28.5	27.9	19.7
34.2	26.7	27.9	18.6
31.9	28.6	26.4	23.5
29.7	32.8	29.3	23.5
30.0	30.5	33.5	23.7
37.0	30.2	26.1	27.3
34.6	31.3	31.9	30.1
34.1	32.7	32.8	31.7
32.5	35.6	30.8	30.1
30.6	33.5	30.3	29.0
28.3	31.2	32.5	30.3
28.3	29.2	33.8	29.2
28.8	29.0	31.6	27.8
29.1	36.6	30.1	33.6
36.9	36.3	32.1	33.6
35.0	34.8	32.4	35.1
34.8	33.0	32.4	34.4
33.3	31.3	28.9	34.4
31.3	30.6	28.9	37.5
30.2	28.7	29.9	40.4
29.8	28.3	30.2	38.3
28.3	27.4	31.2	40.2
26.5	26.9	30.8	40.8
24.9	27.0	31.9	39.3
25.5	30.2	35.1	37.9
26.5	33.0	33.4	39.8
32.3	31.7	34.5	39.8
30.8	32.4	37.5	40.8
30.5	33.0	37.5	40.0
29.8	31.4	36.9	39.7
30.2	30.7	36.6	40.9
29.1	32.0	35.1	39.1
27.2	34.2	34.2	39.5
26.4	32.9	36.6	37.7
26.3	33.6	39.4	37.3
32.0	36.8	37.6	37.6
30.1	34.1	35.4	39.2
32.1	34.0	38.8	38.8
33.3	35.9	39.2	39.2
27.6	33.5	38.4	37.5
31.9	35.1	37.7	37.5
30.0	35.1	34.6	37.5
28.1	35.1	35.0	34.9
32.3	35.5	34.4	34.4
28.9	31.1	34.1	34.4
26.4	33.0	37.5	39.0
25.4	35.8	33.7	37.0
28.2	33.8	32.8	37.0
29.5	31.6	32.4	35.5
31.9	35.1	35.1	34.8
30.4	30.8	36.7	33.1
30.1	31.9	32.5	35.4
30.3	33.4	30.9	39.8
28.6	30.1	32.2	38.0
31.5	28.5	35.3	35.6
27.9	28.8	36.8	34.7
25.3	31.0	35.8	33.0
25.9	33.0	32.9	34.1
24.7	32.0	30.5	32.8
25.8	31.5	30.5	34.5
25.5	27.9	32.3	33.7
28.8	28.5	30.7	31.3
28.0	28.4	35.9	33.1
24.3	28.4	35.9	33.3
24.4	30.6	33.8	32.1
26.9	27.8	31.3	33.4
27.4	29.6	28.6	30.4
25.0	28.2	27.5	27.5
29.4	29.9	30.4	27.2
28.1	27.4	30.4	34.0
26.4	25.5	27.7	33.0
27.6	24.0	25.8	33.0
23.6	25.2	23.4	29.2
21.5	25.7	26.9	27.7
21.0	21.0	28.0	26.9
21.0	22.6	26.6	32.4
21.7	24.0	26.6	31.3
22.5	25.0	28.1	28.5
23.1	23.1	25.3	25.9
21.1	26.0	27.1	28.4
22.1	24.6	26.8	30.3
27.2	26.6	27.5	27.5
28.4	27.2	29.9	26.3
27.2	28.4	27.9	26.3
26.2	26.5	25.8	24.6
27.4	25.9	24.4	26.3
26.4	26.4	26.9	26.0
26.2	25.0	26.9	26.0
24.3	24.7	25.3	27.8
23.1	24.7	24.4	26.3
25.3	24.1	29.1	27.4
22.8	24.1	26.4	26.8
20.6	23.0	24.7	26.6
20.6	23.0	24.2	23.8
24.5	21.7	22.2	25.0
22.6	24.3	25.4	28.0
22.3	22.3	24.5	26.8
22.9	20.7	22.0	24.2
24.2	19.9	20.9	21.5

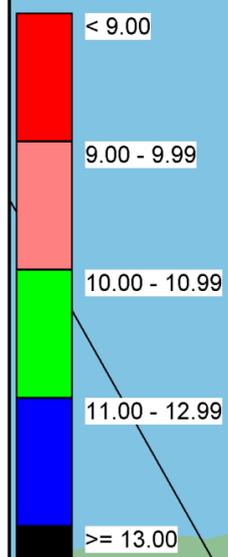
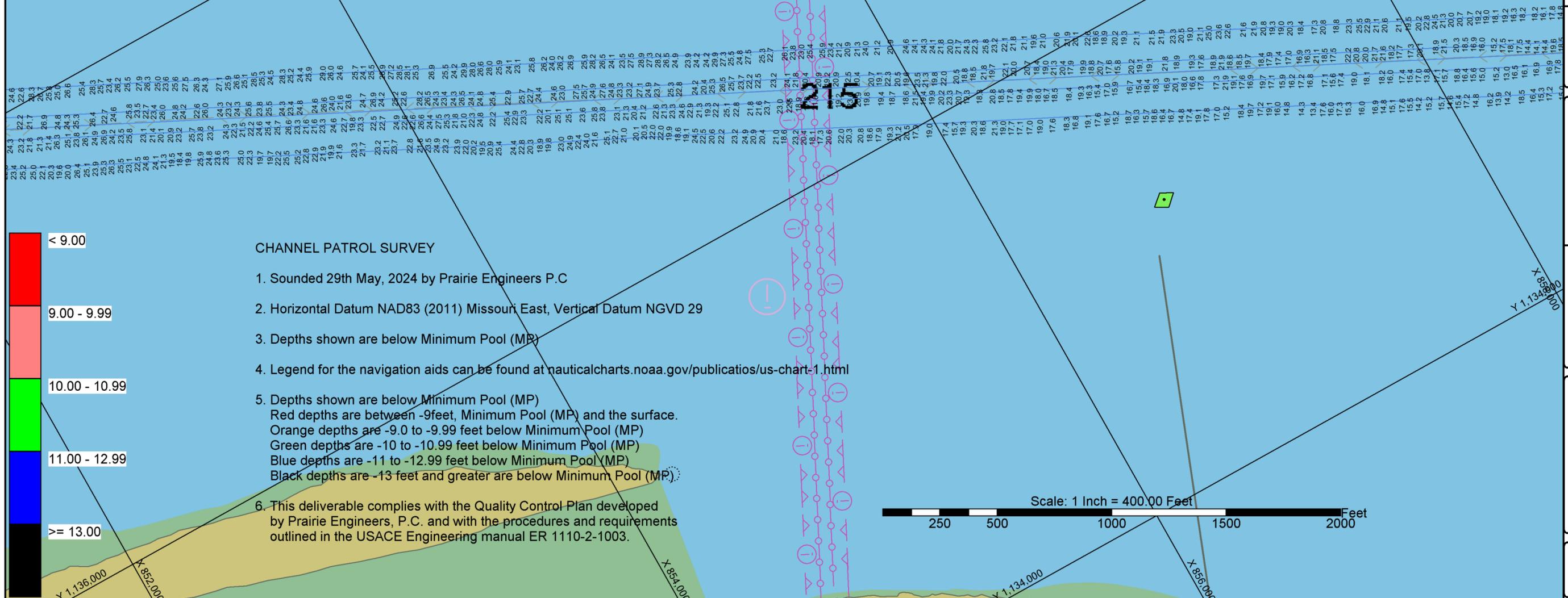


ST. LOUIS

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

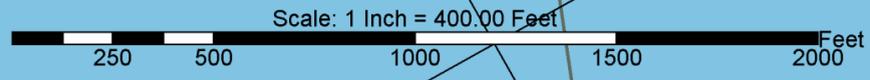
MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90

North



CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
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 below Minimum Pool (MP)
 Red depths are between -9feet, Minimum Pool (MP) and the surface.
 Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 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 29th May 2024	
Alton @ 09:00hrs = 16.14ft	
Grafton @ 09:00hrs = 19.22ft	
Alton @ 20:00hrs = 15.90ft	
Grafton @ 20:00hrs = 19.14ft	

DATES OF SURVEY:	MAY 29TH 2024
FILE NO.:	
REQUEST NO.:	

Approved: Abednego Nkem REGISTERED PROFESSIONAL ENGINEER
Approved: Tom Frerichs CIVIL ENGINEERING TECHNICIAN
Approved: Jarrett Lancer ASST. CHIEF OF SURVEY
Approved: Tristan Harper CHIEF OF SURVEY
Date: MAY 30, 2024

US ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI
SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 17

CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
- Depths shown are below Minimum Pool (MP)
 Red depths are between -9feet, Minimum Pool (MP) and the surface.
 Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 feet and greater are below Minimum Pool (MP)
- 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.

North



ST. LOUIS

Gage Records 29th May 2024
 Alton @ 09:00hrs = 16.14ft
 Grafton @ 09:00hrs = 19.22ft
 Alton @ 20:00hrs = 15.90ft
 Grafton @ 20:00hrs = 19.14ft

DATES OF SURVEY:
MAY 29th 2024

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: Abdennour Nikem
SENIOR PROJECT MANAGER

Approved: Tom Frerichs
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Lancer
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: MAY 30 2024

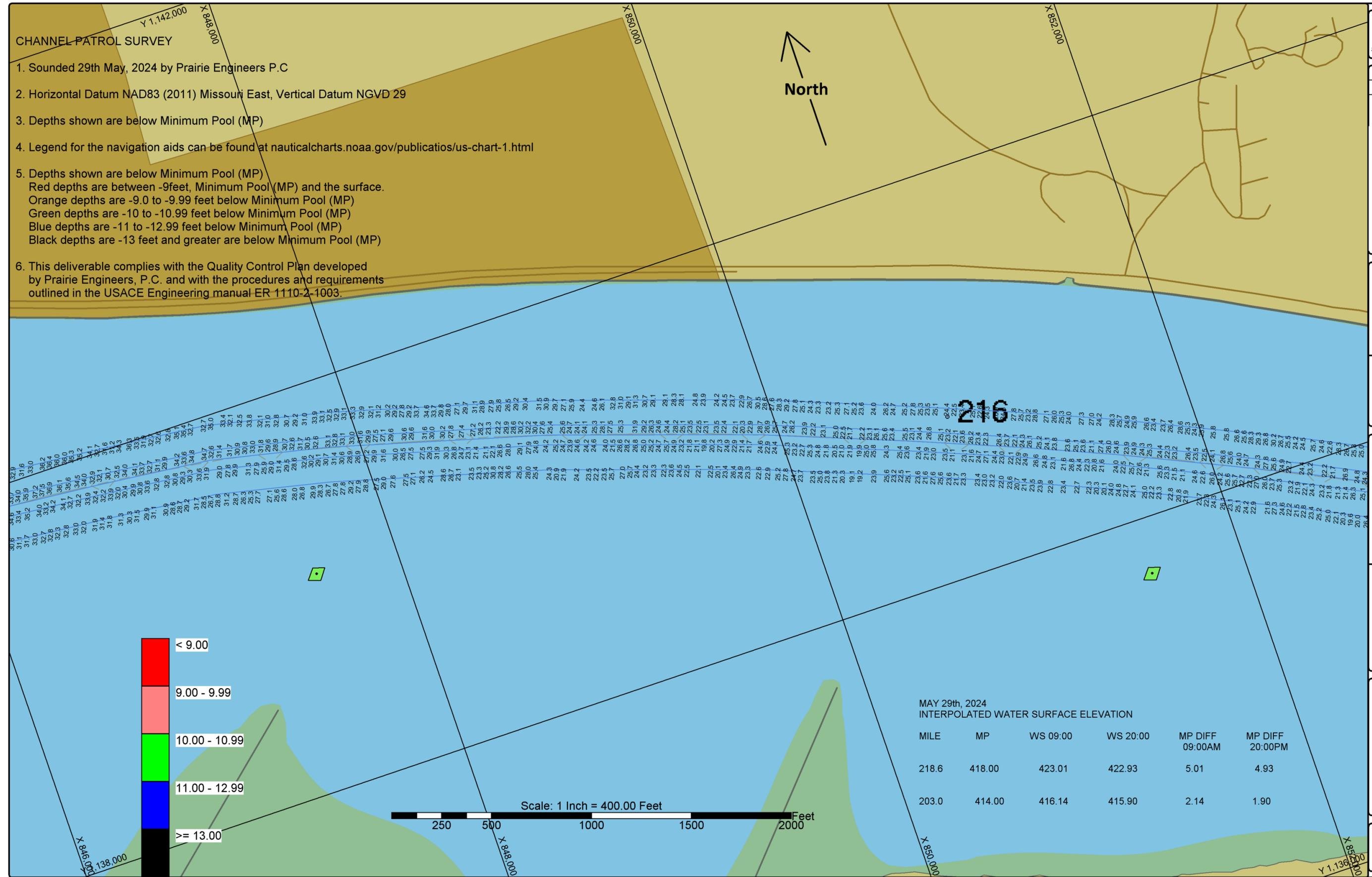
US ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 18



MAY 29th, 2024
 INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90

30.6 34.9 33.7 32.9
 31.1 33.4 34.0 31.6
 31.7 35.2 35.9 33.0
 33.0 34.0 37.2 36.2
 32.7 33.2 37.5 36.4
 32.8 34.2 36.9 36.0
 32.8 34.1 36.1 35.3
 33.0 32.2 34.5 35.2
 32.0 33.9 34.0 34.1
 31.9 32.9 32.9 34.1
 31.4 32.1 32.1 34.7
 31.8 33.9 30.7 34.5
 31.3 32.0 32.5 34.0
 30.3 29.9 34.1 33.5
 31.5 30.8 33.7 33.5
 29.9 33.6 32.7 32.5
 31.1 32.8 31.1 32.8
 30.9 32.8 29.9 32.8
 28.6 34.8 34.2 35.1
 28.7 30.3 33.6 35.4
 29.2 30.3 34.8 32.1
 31.7 33.6 34.7 32.7
 31.9 31.9 32.6 35.0
 28.5 26.7 31.4 30.4
 31.2 27.8 31.7 30.4
 28.7 29.9 30.9 32.5
 26.3 30.8 33.8 33.8
 25.3 31.3 33.0 32.1
 27.9 31.8 32.1 31.0
 29.0 29.6 31.0 31.0
 25.6 31.4 30.7 32.8
 26.6 29.5 32.6 29.2
 28.0 26.6 31.7 31.0
 26.8 32.6 30.5 31.0
 29.9 30.2 32.6 33.9
 28.3 29.1 33.1 33.1
 26.7 30.7 33.1 32.5
 27.8 31.4 32.8 32.9
 27.8 30.6 33.1 33.1
 28.2 28.9 33.0 33.3
 27.9 28.9 31.6 32.9
 28.8 27.2 29.9 32.1
 27.5 29.9 31.2 31.2
 29.0 31.6 27.1 30.2
 27.6 30.0 29.6 29.2
 27.5 26.5 30.6 27.8
 27.1 27.5 29.6 33.7
 28.2 27.5 31.6 34.6
 24.5 29.3 30.0 33.7
 28.6 31.9 30.2 29.8
 26.7 26.8 27.8 28.0
 23.1 24.7 27.4 29.7
 23.5 23.1 27.2 31.1
 23.2 21.4 26.2 28.9
 25.2 21.1 23.3 27.9
 30.8 22.1 23.2 25.8
 28.2 26.6 28.9 26.5
 26.6 28.0 28.6 29.2
 25.5 29.1 30.2 30.4
 28.0 27.9 32.2 30.4
 25.4 24.8 30.4 31.5
 24.2 24.2 27.6 30.9
 24.3 25.2 25.6 29.7
 20.9 25.2 25.6 27.1
 21.9 23.6 24.7 25.9
 24.2 24.6 24.1 24.4
 23.5 24.6 25.3 24.6
 22.2 24.0 26.1 26.1
 25.7 21.5 27.5 32.8
 27.0 26.6 25.3 31.0
 25.7 28.2 28.2 31.3
 24.4 26.8 31.9 31.3
 23.2 25.0 29.2 30.7
 23.3 25.2 26.3 28.1
 22.3 24.7 24.6 28.1
 22.3 25.7 24.4 28.3
 23.6 24.9 28.2 28.3
 24.5 24.2 25.1 28.1
 22.5 21.6 23.5 24.8
 22.1 19.8 22.5 23.9
 22.5 20.2 23.5 24.2
 20.1 27.3 23.5 24.2
 23.4 24.9 22.4 24.5
 26.4 22.9 22.1 23.7
 24.9 21.4 20.3 22.9
 23.3 21.7 22.9 26.7
 22.6 24.6 28.7 30.5
 22.9 22.9 26.9 28.6
 25.2 24.4 25.7 27.6
 27.8 25.3 26.2 27.8
 24.7 22.7 23.9 25.1
 23.5 25.3 22.2 24.3
 25.0 24.8 23.1 23.2
 23.8 21.8 23.1 23.2
 21.3 20.5 25.0 25.3
 20.3 21.0 22.5 27.1
 19.1 21.9 21.7 25.2
 19.2 19.9 22.2 23.6
 23.9 25.8 26.1 24.0
 25.6 24.3 25.6 26.2
 23.2 23.4 24.7
 22.5 25.4 25.5 25.2
 25.1 23.6 25.5 27.8
 23.6 23.4 24.4 25.3
 21.6 21.9 26.8 25.9
 27.6 23.0 26.8 25.1
 25.6 25.1 25.1 25.1
 23.6 23.2 23.2 24.4
 21.7 21.1 22.1 22.5
 23.3 23.1 23.6 23.3
 23.4 21.6 26.2 25.5
 23.0 24.7 23.4 24.9
 22.8 24.3 24.3
 22.0 23.0 26.4
 23.6 22.1 23.1 27.8
 20.7 22.9 24.1 25.7
 21.4 24.9 26.1 28.8
 23.5 26.6 25.1 28.8
 23.9 24.8 25.2 27.1
 22.8 23.1 23.6 25.3
 23.4 21.6 23.6 24.0
 22.7 26.8 25.1 27.3
 22.3 22.3 21.1 27.0
 20.3 20.8 27.4 24.2
 20.1 21.6 26.0 28.3
 24.0 24.0 24.6 26.0
 24.9 22.5 23.9 24.9
 24.1 25.7 24.9 25.9
 24.1 22.6 24.3 26.6
 25.0 21.3 25.3 23.4
 22.2 22.2 23.3 23.4
 23.3 25.6 24.4 23.7
 22.8 21.5 23.2 28.6
 20.8 21.1 26.4 25.3
 21.9 21.1 26.4 24.3
 22.7 22.6 22.5 24.3
 24.3 26.0 24.1 25.8
 26.4 26.6 26.8 25.8
 23.1 25.7 25.6 26.6
 25.1 22.7 24.0 26.6
 24.2 24.3 24.7 28.3
 22.9 27.0 24.3 29.3
 21.6 26.0 27.8 26.8
 24.6 25.3 24.9 26.7
 27.3 23.7 25.6 30.2
 22.2 23.2 27.7 25.5
 21.5 21.9 24.1 24.5
 22.8 22.1 24.1 24.5
 23.4 24.3 23.2 25.7
 25.2 23.2 22.2 24.6
 25.0 21.8 22.2 22.6
 22.1 21.3 21.7 28.3
 20.3 21.4 26.9 24.7
 19.6 26.3 24.8 25.4
 20.0 25.1 24.3 25.4



MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
203.0	414.00	416.14	415.90	2.14	1.90



ST. LOUIS

Gage Records 29th May 2024
Alton @ 09:00hrs = 16.14ft
Grafton @ 09:00hrs = 19.22ft
Alton @ 20:00hrs = 15.90ft
Grafton @ 20:00hrs = 19.14ft

DATES OF SURVEY:
MAY 29th 2024

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: Abednego Nkomo CHIEF OF SURVEY
Approved: Tom Frerichs CHIEF ENGINEERING TECHNICIAN
Approved: Jarrett Lancer ASST. CHIEF OF SURVEY
Approved: Tristan Harper CHIEF OF SURVEY
Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

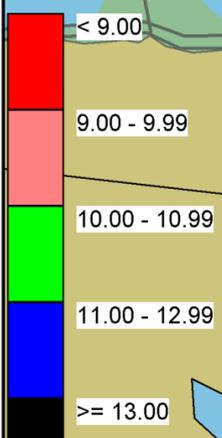
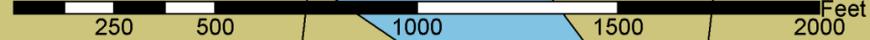
RIVER MILE 195.0 - 300.0

SHEET 19

CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum-NAD83 (2011) Missouri East, Vertical Datum NGVD 29
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 below Minimum Pool (MP)
Red depths are between -9feet, Minimum Pool (MP) and the surface.
Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
Green depths are -10 to -10.99 feet below Minimum Pool (MP)
Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
Black depths are -13 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.

Scale: 1 Inch = 400.00 Feet



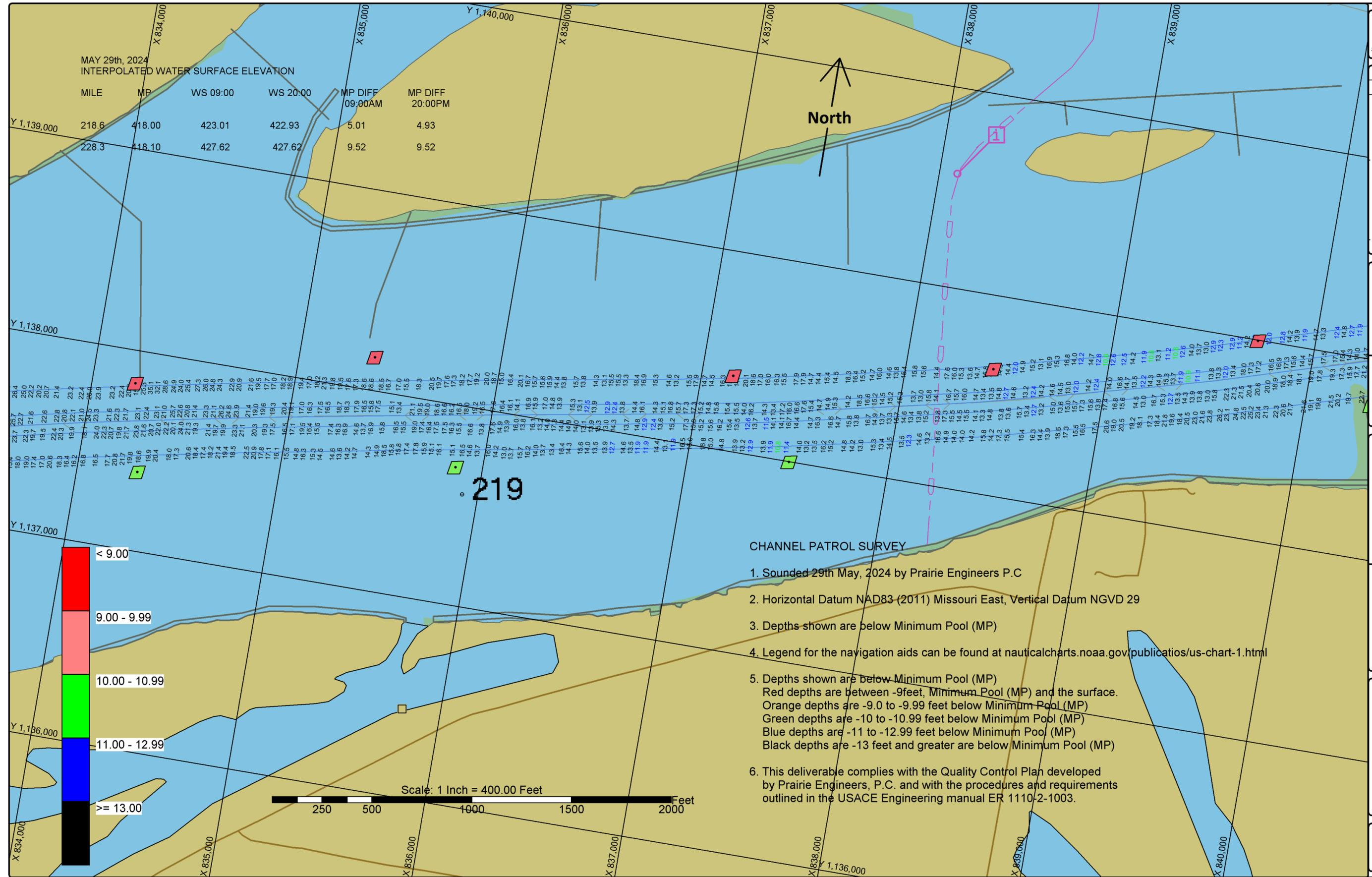


ST. LOUIS

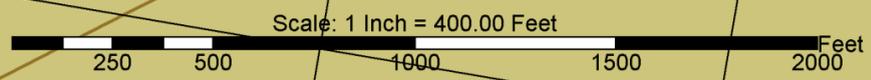
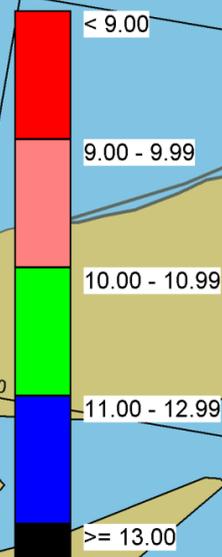
MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
228.3	418.10	427.62	427.62	9.52	9.52

North



219



CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
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 below Minimum Pool (MP)
 Red depths are between -9feet, Minimum Pool (MP) and the surface.
 Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 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	29th May 2024
Grifton	@ 0900hrs	= 19.22ft
Dixon	@ 0900hrs	= 17.00ft
Grifton	@ 2000hrs	= 19.14ft
Dixon	@ 2000hrs	= 17.00ft

DATES OF SURVEY:	MAY 29TH 2024
SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	
FILE NO.:	
REQUEST NO.:	

Approved: **Abednego Nkem**
 CHIEF OF SURVEY

Approved: **Tom Frerichs**
 CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
 ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
 CHIEF OF SURVEY

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

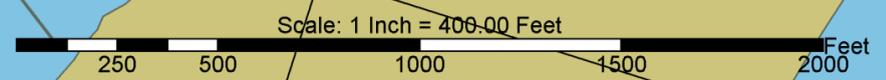
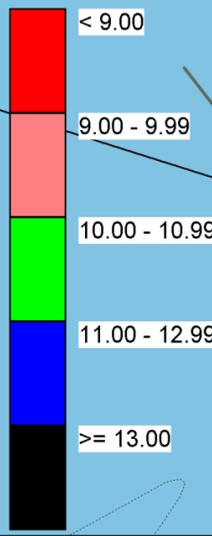
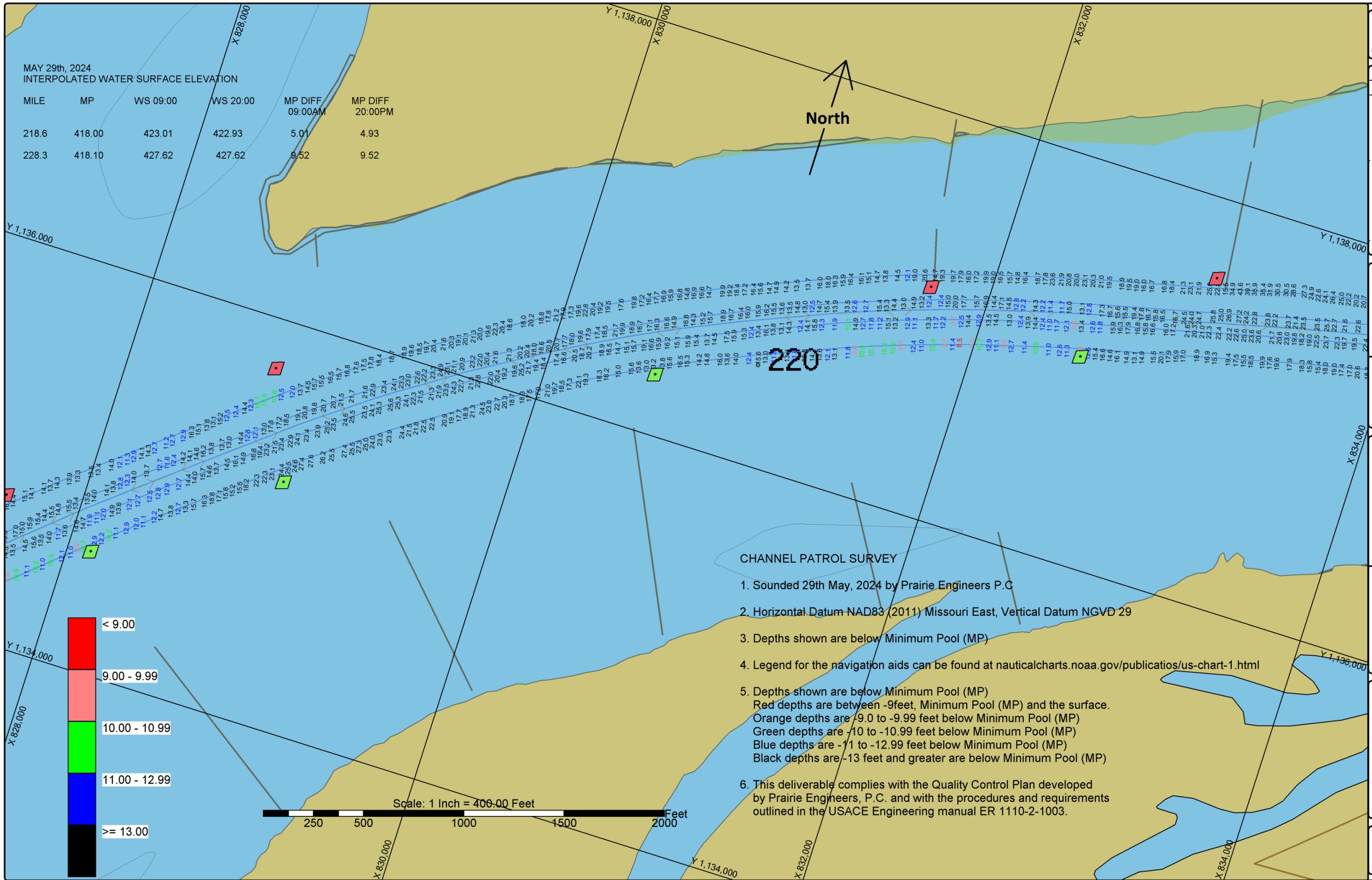
CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 20

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
228.3	418.10	427.62	427.62	9.52	9.52



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
- Depths shown are below Minimum Pool (MP)
 Red depths are between -9feet, Minimum Pool (MP) and the surface.
 Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 feet and greater are below Minimum Pool (MP)
- 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.



DATES OF SURVEY:	
May 29th, 2024	

SCALE:	
ONE INCH = 400 FEET	

FIELD BOOKS:	

FILE NO.:	

REQUEST NO.:	

DATES OF SURVEY:	
May 29th, 2024	

GAGE RECORDS:	
Grafton @ 0900hrs = 19.22ft	
Dixon @ 0900hrs = 17.00ft	
Grafton @ 2000hrs = 19.14ft	
Dixon @ 2000hrs = 17.00ft	

APPROVED:	
Abednego Nkem	
Tom Frerichs	
Jarrett Lancer	
Tristan Harper	

SURVEYED BY:	
PRAIRIE ENGINEERS, P.C.	
404 N. MAIN STREET	
COLUMBIA, IL 62236	

CHANNEL PATROL SURVEY	
OF UPPER MISSISSIPPI RIVER	
RIVER MILE 195.0 - 300.0	

SHEET 21	

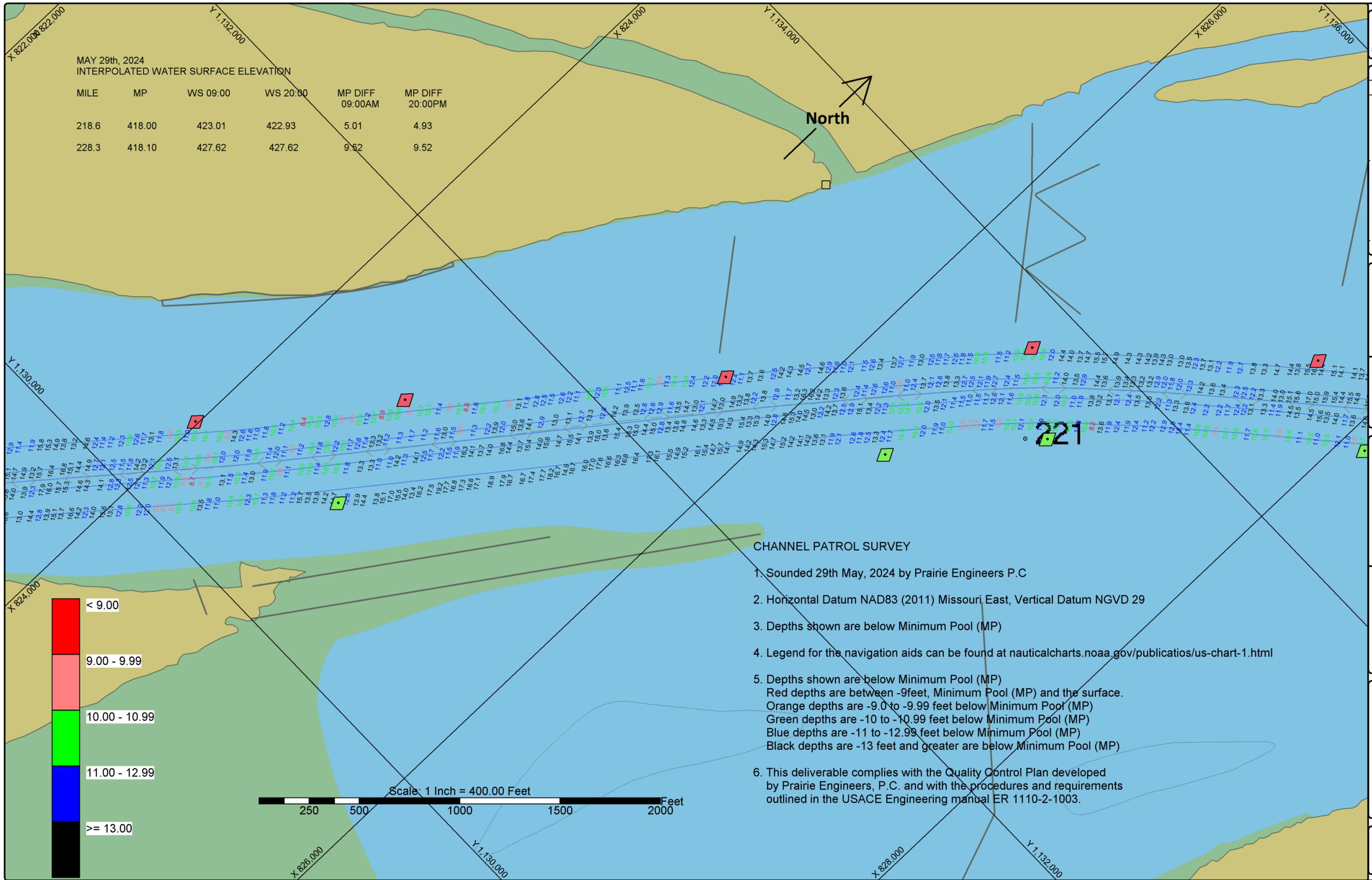


ST. LOUIS

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
228.3	418.10	427.62	427.62	9.52	9.52

North



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
- Depths shown are below Minimum Pool (MP)
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 Black depths are -13 feet and greater are below Minimum Pool (MP)
- 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 29th May 2024
Grafton @ 0900hrs = 19.22ft
Dixon @ 0900hrs = 17.00ft
Grafton @ 2000hrs = 19.14ft
Dixon @ 2000hrs = 17.00ft

DATES OF SURVEY: MAY 29TH 2024	FILE NO.:
SCALE: ONE INCH = 400 FEET	REQUEST NO.:
FIELD BOOKS:	

Approved: **Abdennour Nkomo**
 CIVIL ENGINEER
 PRAIRIE ENGINEERS, P.C.

Approved: **Tom Frerichs**
 CIVIL ENGINEERING TECHNICIAN
 PRAIRIE ENGINEERS, P.C.

Approved: **Jarrett Lancer**
 ASST. CHIEF OF SURVEY
 PRAIRIE ENGINEERS, P.C.

Approved: **Tristan Harper**
 CHIEF OF SURVEY
 PRAIRIE ENGINEERS, P.C.

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 22

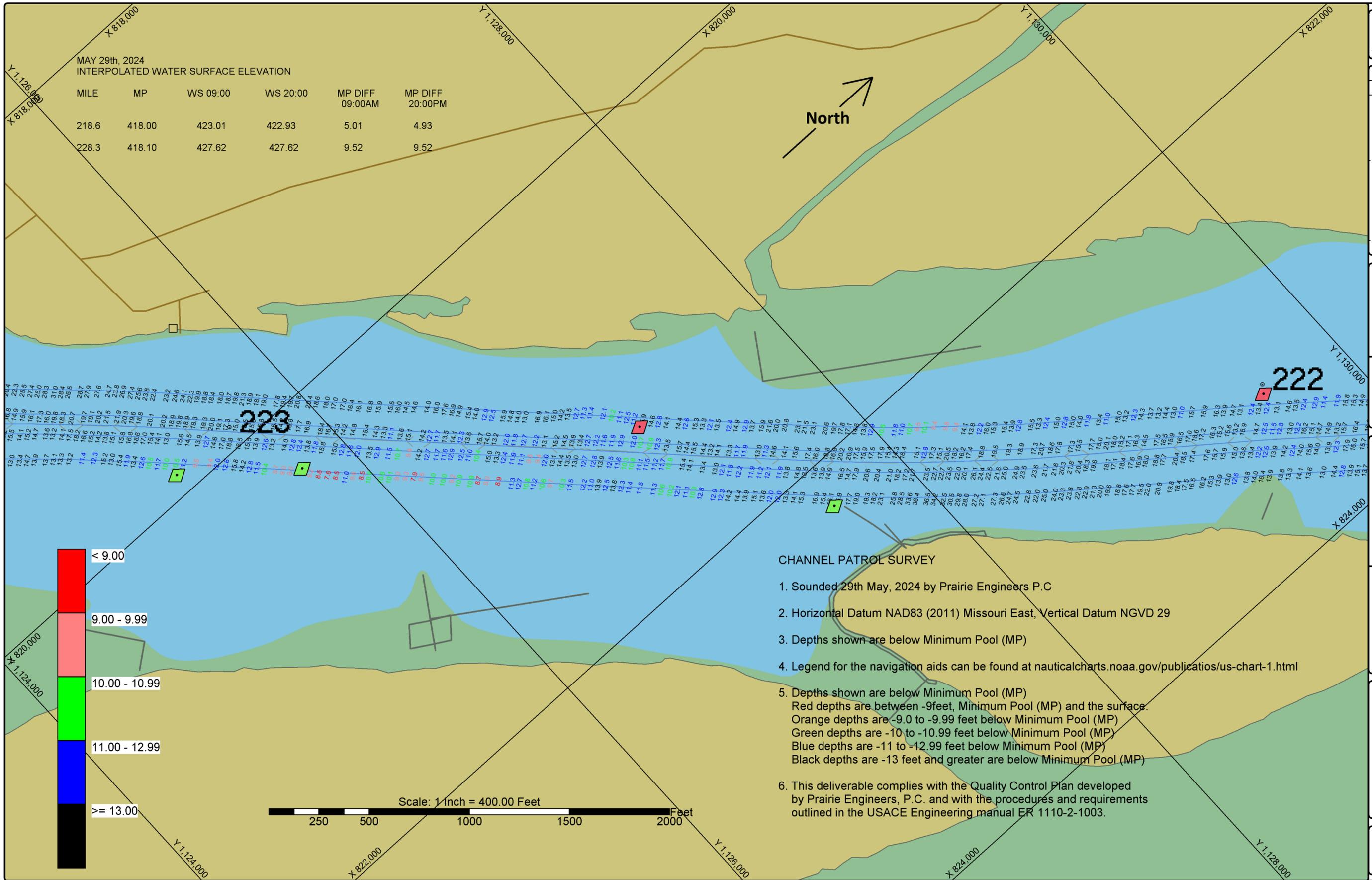


ST. LOUIS

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

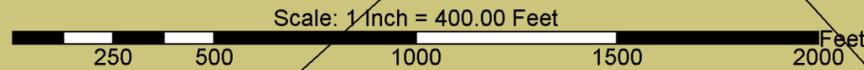
MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
228.3	418.10	427.62	427.62	9.52	9.52

North



CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
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 -13 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 29th May 2024
Grafton @ 0900hrs = 19.22ft
Dixon @ 0900hrs = 17.00ft
Grafton @ 2000hrs = 19.14ft
Dixon @ 2000hrs = 17.00ft

DATES OF SURVEY: MAY 29TH 2024
FILE NO.:
REQUEST NO.:

Approved: Abdennour Nkem CHIEF OF SURVEY
Approved: Tom Frerichs CHIEF ENGINEERING TECHNICIAN
Approved: Jarrett Lancer ASST. CHIEF OF SURVEY
Approved: Tristan Harper CHIEF OF SURVEY
Date: MAY 30 2024

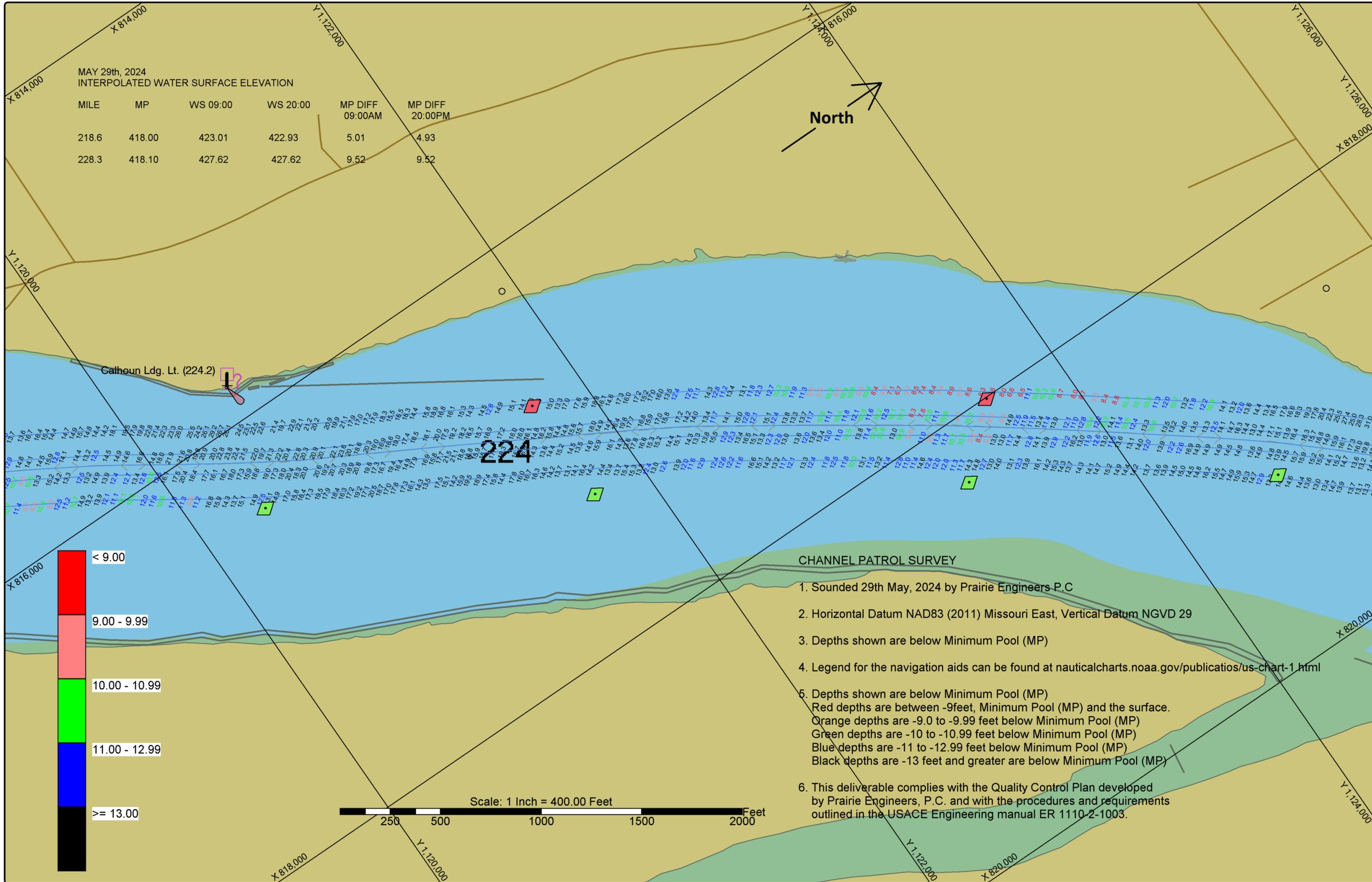
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 23



Gage Records 29th May 2024
Grafton @ 0900hrs = 19.22ft
Dixon @ 0900hrs = 17.00ft
Grafton @ 2000hrs = 19.14ft
Dixon @ 2000hrs = 17.00ft

DATES OF SURVEY: MAY 29TH 2024
FILE NO.:
REQUEST NO.:
SCALE: ONE INCH = 400 FEET
FIELD BOOKS:

Approved: **Abednego Nkomo**
 CIVIL ENGINEER
 Approved: **Tom Frerichs**
 CIVIL ENGINEERING TECHNICIAN
 Approved: **Jarrett Lancer**
 ASST. CHIEF OF SURVEY
 Approved: **Tristan Harper**
 CHIEF OF SURVEY
 Date: MAY 30, 2024

US ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

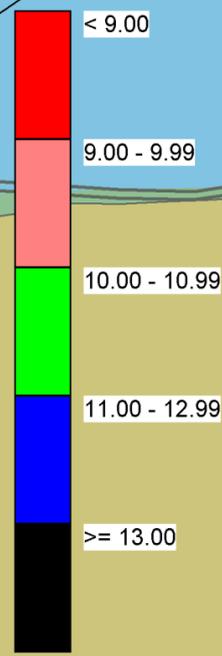
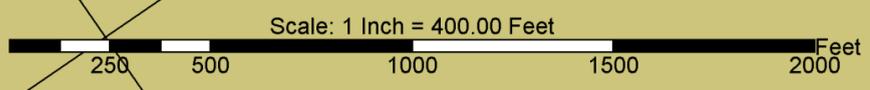
CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 24



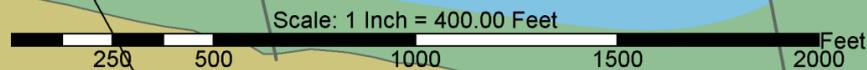
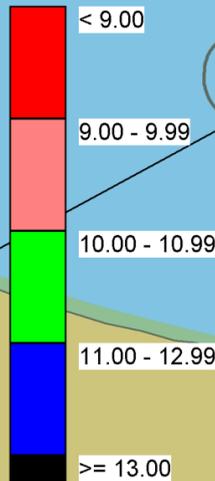
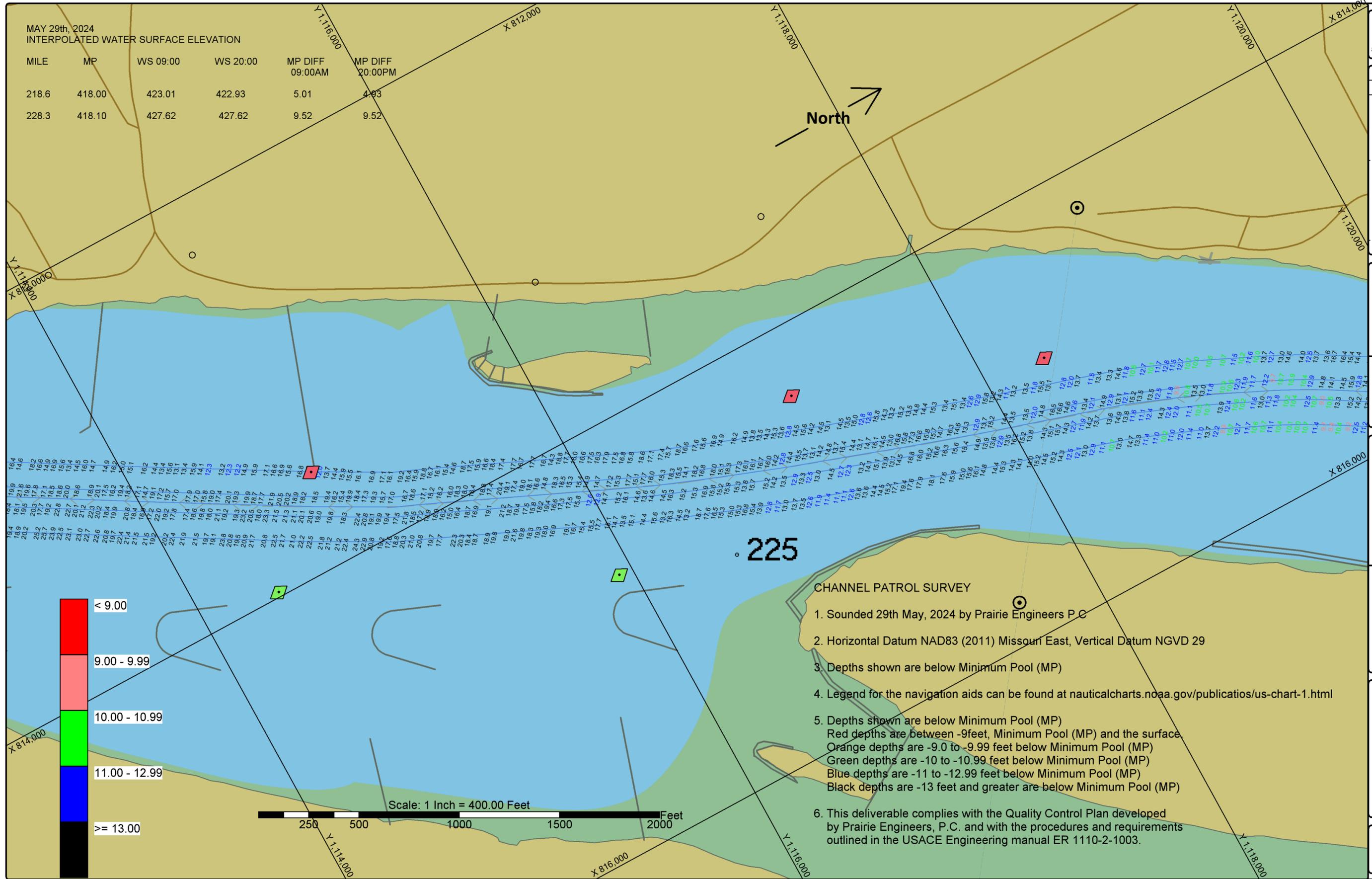
- CHANNEL PATROL SURVEY**
- Sounded 29th May, 2024 by Prairie Engineers P.C
 - Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
 - Depths shown are below Minimum Pool (MP)
 - Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
 - Depths shown are below Minimum Pool (MP)
 Red depths are between -9feet, Minimum Pool (MP) and the surface.
 Orange depths are -9.0 to -9.99 feet below Minimum Pool (MP)
 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 feet and greater are below Minimum Pool (MP)
 - 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.



MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
228.3	418.10	427.62	427.62	9.52	9.52

North



CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
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 below Minimum Pool (MP)
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 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 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.



ST. LOUIS

Gage Records 29th May 2024	Grafton @ 0900hrs = 19.22ft
	Dixon @ 0900hrs = 17.00ft
	Grafton @ 2000hrs = 19.14ft
	Dixon @ 2000hrs = 17.00ft

DATE OF SURVEY: MAY 29TH 2024

FILE NO.: _____ REQUEST NO.: _____

SCALE: ONE INCH = 400 FEET

FIELD BOOKS: _____

Approved: **Abednego Nkomo**
SENIOR PROJECT MANAGER

Approved: **Tom Frerichs**
CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
 COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER
 RIVER MILE 195.0 - 300.0

SHEET 25

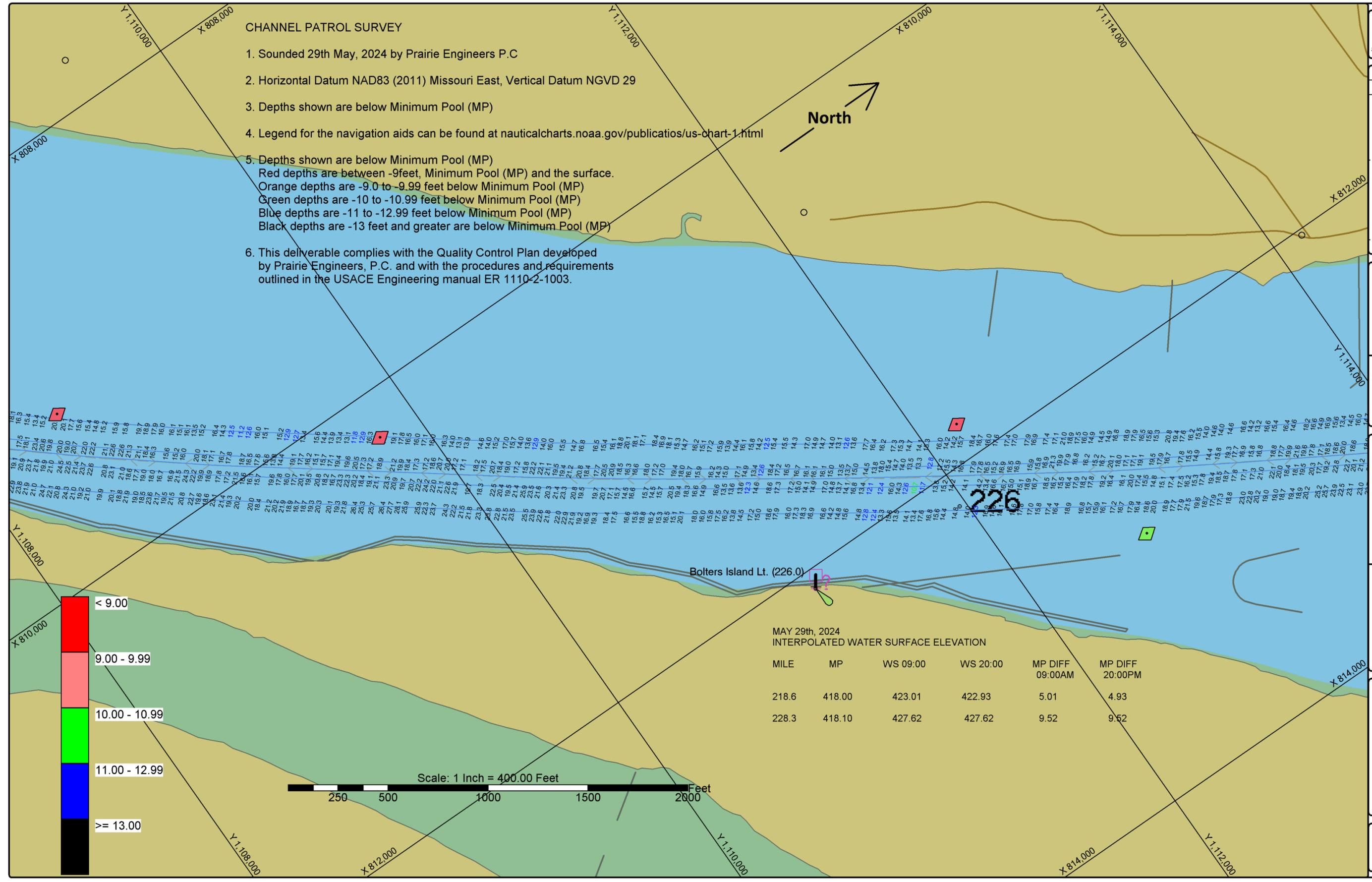


ST. LOUIS

CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
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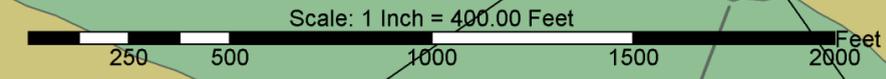
North



Bolters Island Lt. (226.0)

MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
228.3	418.10	427.62	427.62	9.52	9.52



Gage Records 29th May 2024
Grafton @ 0900hrs = 19.22ft
Dixon @ 0900hrs = 17.00ft
Grafton @ 2000hrs = 19.14ft
Dixon @ 2000hrs = 17.00ft

DATES OF SURVEY: MAY 29th 2024	FILE NO.:
SCALE: ONE INCH = 400 FEET	REQUEST NO.:
FIELD BOOKS:	

Approved: Abednego Nkomo SUPERVISOR
Approved: Tom Frerichs CIVIL ENGINEERING TECHNICIAN
Approved: Jarrett Lancer ASST. CHIEF OF SURVEY
Approved: Tristan Harper CHIEF OF SURVEY
Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

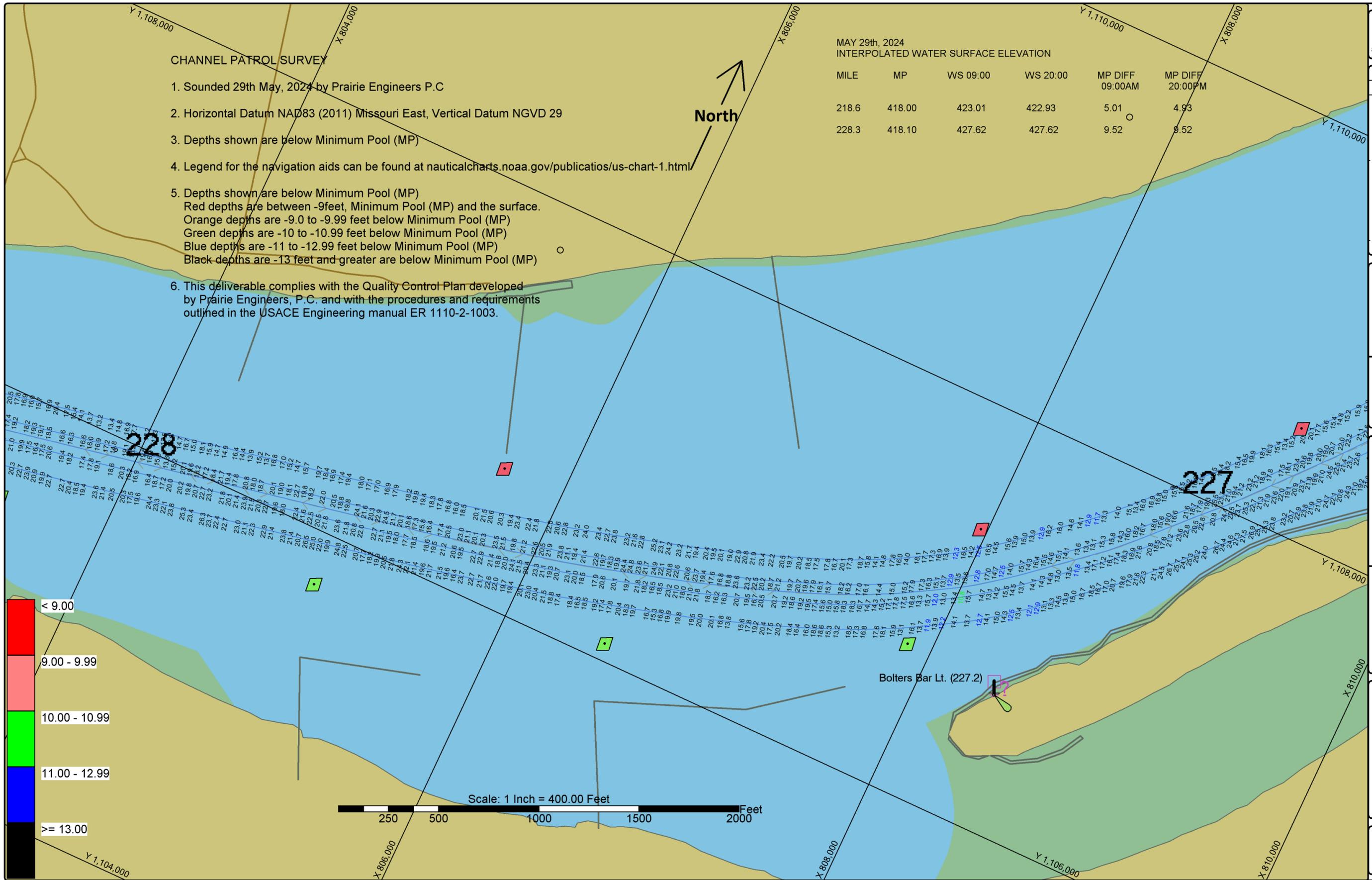
CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
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 below Minimum Pool (MP)
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 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 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.

**MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION**

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
218.6	418.00	423.01	422.93	5.01	4.93
228.3	418.10	427.62	427.62	9.52	9.52





ST. LOUIS

Gage Records 29th May 2024	Grifton @ 0900hrs = 19.22ft	Dixon @ 0900hrs = 17.00ft	Grifton @ 2000hrs = 19.14ft
			Dixon @ 2000hrs = 17.00ft

DATES OF SURVEY:
MAY 29TH 2024

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: Abdehno Nikem
CHIEF OF SURVEY

Approved: Tom Frerichs
CHIEF ENGINEERING TECHNICIAN

Approved: Jarrett Lancer
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: MAY 30 2024

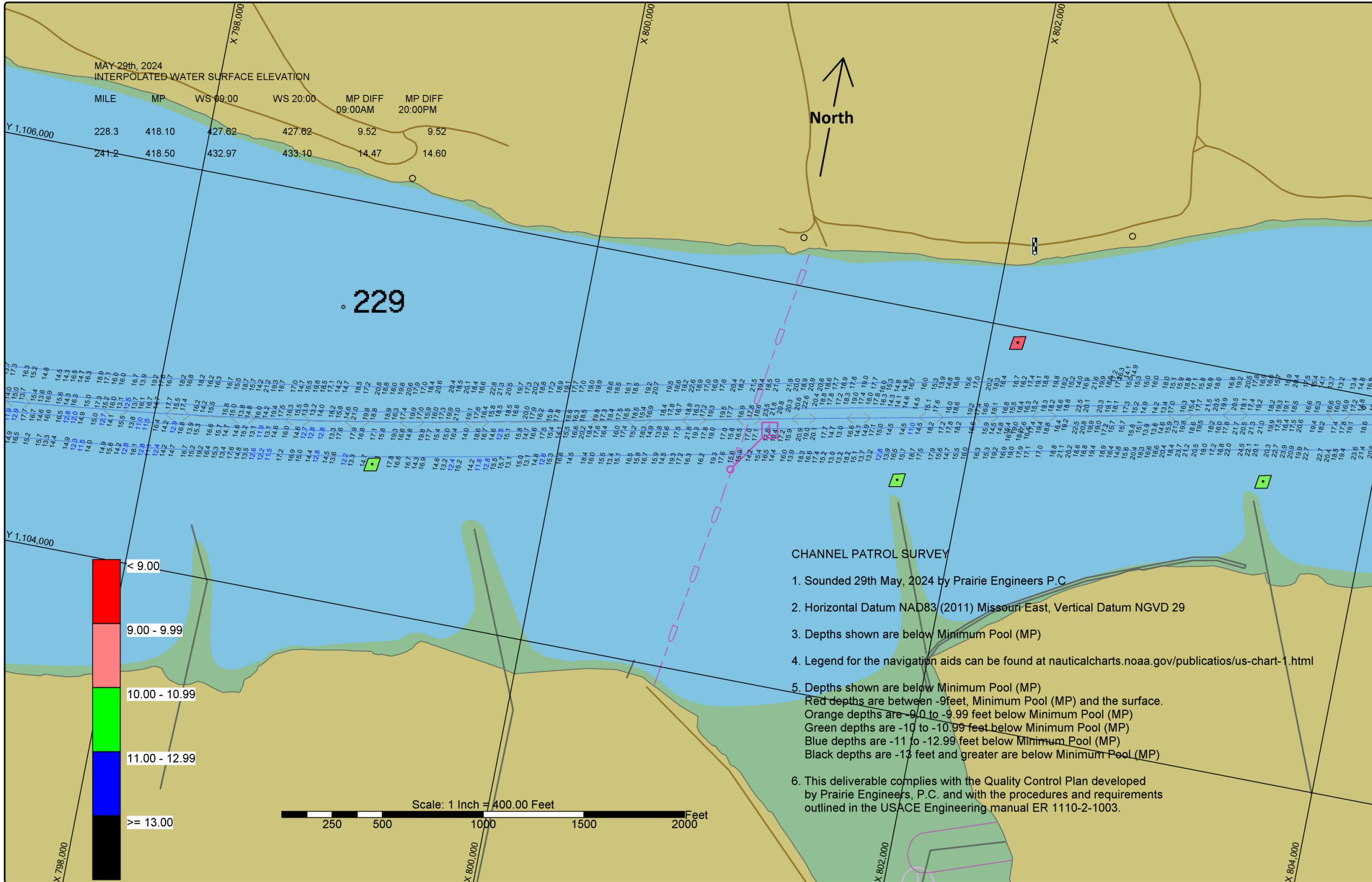
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

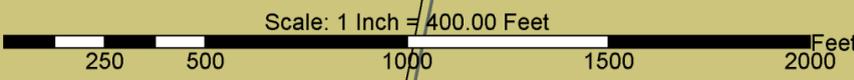
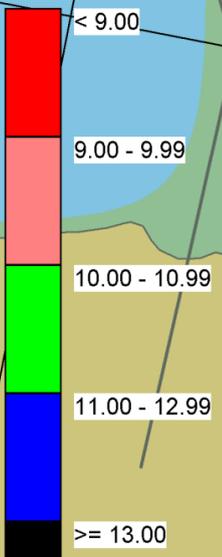
**CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER**

RIVER MILE 195.0 - 300.0

SHEET 27



229



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
- Legend for the navigation aids can be found at nauticalcharts.noaa.gov/publications/us-chart-1.html
- Depths shown are below Minimum Pool (MP)
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 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
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ST. LOUIS

Gage Records 29th May 2024	
Dixon @ 0900hrs	= 17.00ft
LD25 Lower @ 0900hrs	= 25.97ft
Dixon @ 2000hrs	= 17.00ft
LD25 Lower @ 2000hrs	= 26.10ft

DATES OF SURVEY:
MAY 29TH 2024

FILE NO.:
REQUEST NO.:

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

Approved: **Abednego Nkem**
DEPUTY CHIEF OF SURVEY

Approved: **Tom Frerichs**
CHIEF ENGINEERING TECHNICIAN

Approved: **Jarrett Lanier**
ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

Date: MAY 30 2024

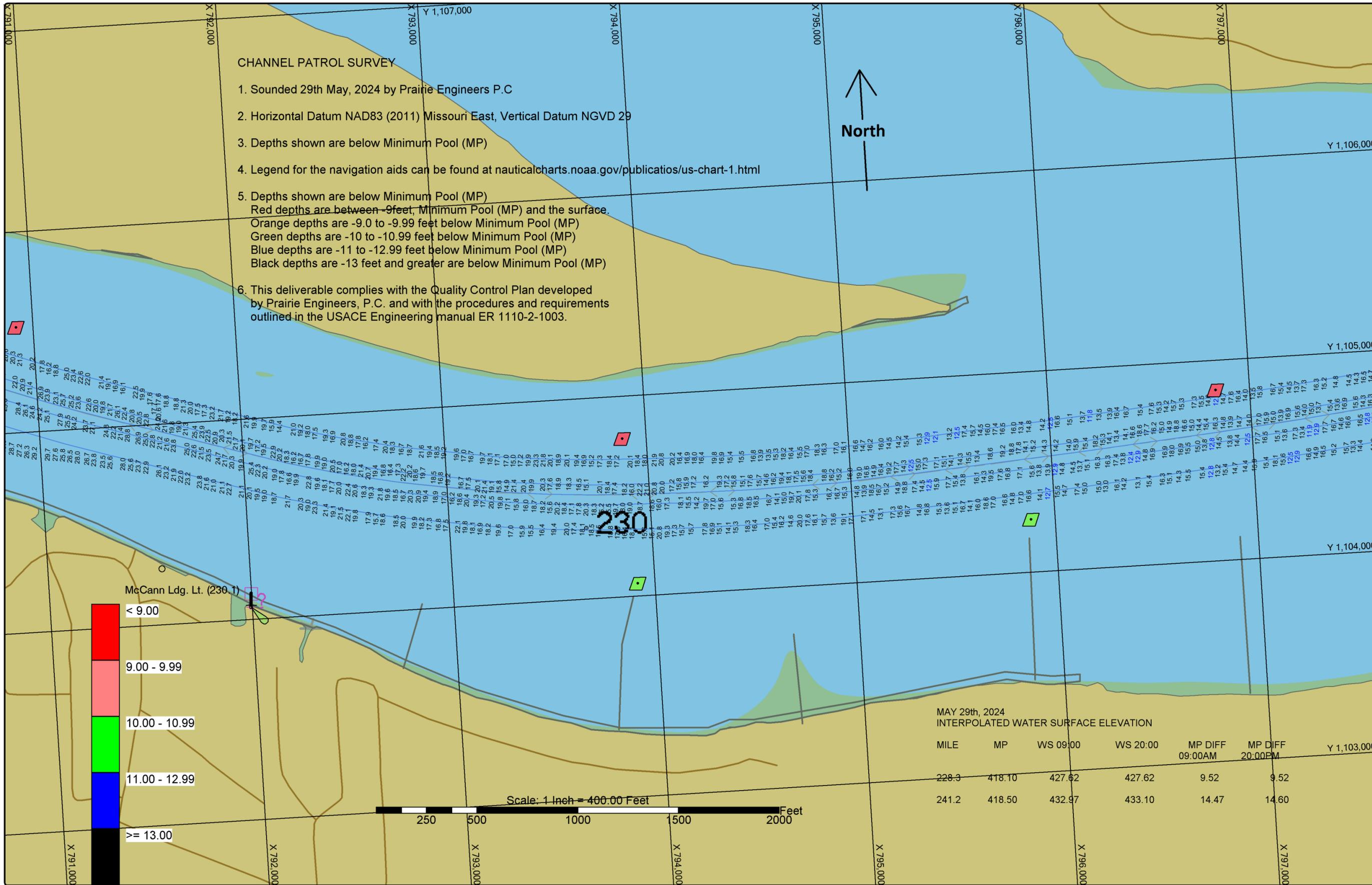
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

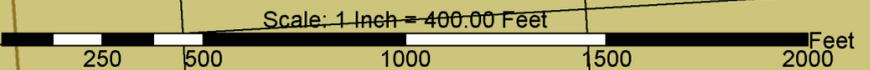
RIVER MILE 195.0 - 300.0

SHEET 28



CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
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- Depths shown are below Minimum Pool (MP)
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MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
228.3	418.10	427.62	427.62	9.52	9.52
241.2	418.50	432.97	433.10	14.47	14.60



ST. LOUIS

Gage Records 29th May 2024	
Dixon @ 0900hrs = 17.00ft	
LD25 Lower @ 0900hrs = 25.97ft	
Dixon @ 2000hrs = 17.00ft	
LD25 Lower @ 2000hrs = 26.10ft	

DATES OF SURVEY:	MAY 29TH 2024
SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	
FILE NO.:	
REQUEST NO.:	

Approved: **Abednego Nkem**
DEPUTY CHIEF OF SURVEY
 Approved: **Tom Frerichs**
CIVIL ENGINEERING TECHNICIAN
 Approved: **Jarrett Lancer**
ASST. CHIEF OF SURVEY
 Approved: **Tristan Harper**
CHIEF OF SURVEY
 Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 29

CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
3. Depths shown are below Minimum Pool (MP)
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 ST. LOUIS	
Gage Records 29th May 2024	
Dixon @ 0900hrs = 17.00ft	
LD25 Lower @ 0900hrs = 25.97ft	
Dixon @ 2000hrs = 17.00ft	
LD25 Lower @ 2000hrs = 26.10ft	

DATES OF SURVEY: MAY 29TH 2024	FILE NO.:
SCALE: ONE INCH = 400 FEET	REQUEST NO.:
FIELD BOOKS:	

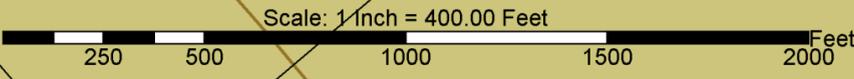
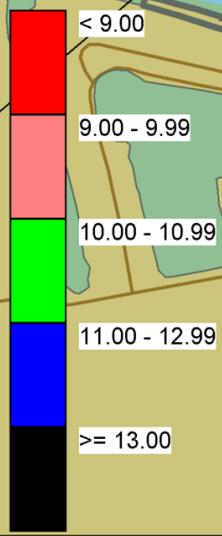
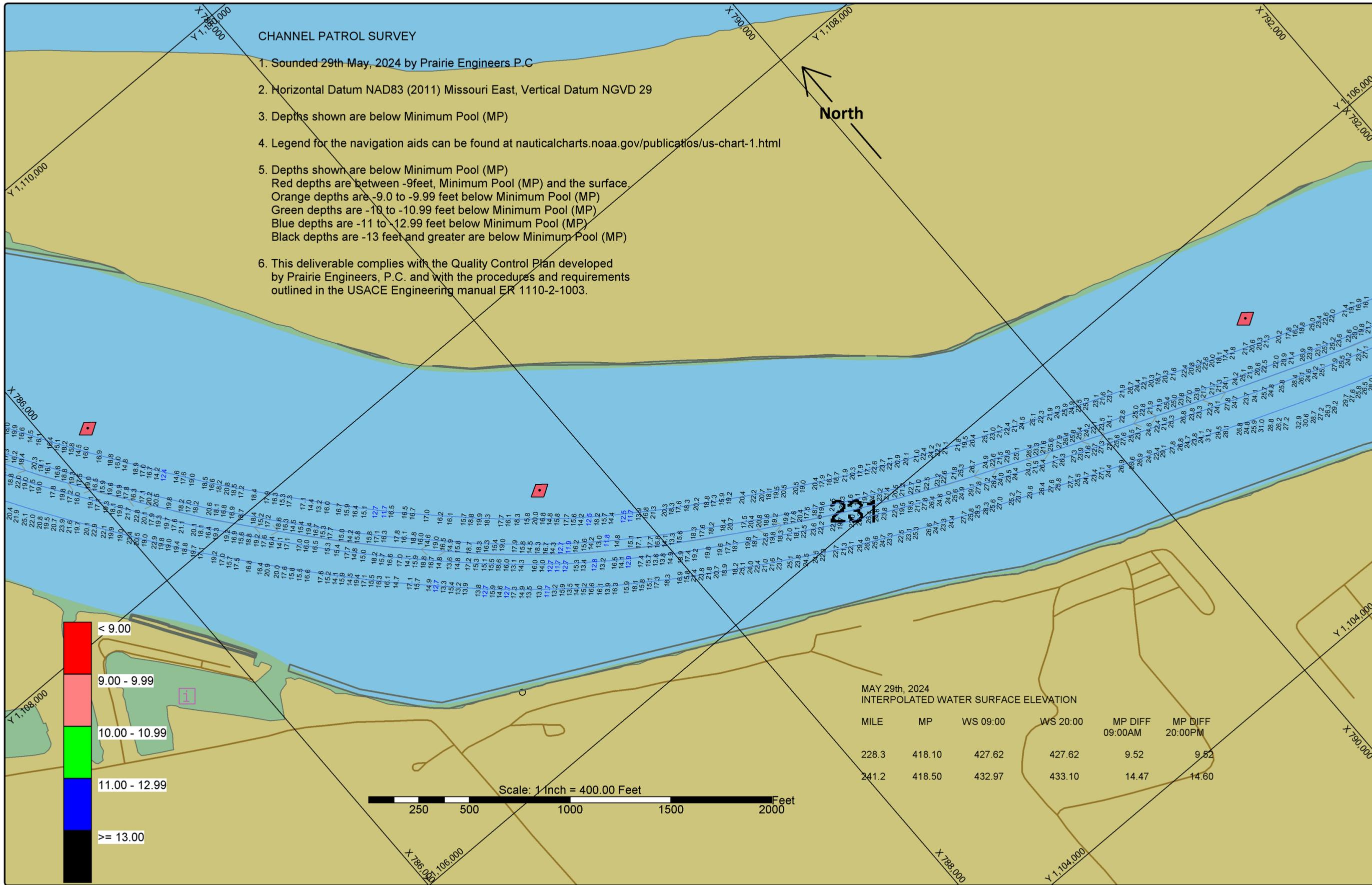
Approved: Abednego Nkem CHIEF OF SURVEY
Approved: Tom Frerichs CHIEF ENGINEERING TECHNICIAN
Approved: Jarrett Lancer ASST. CHIEF OF SURVEY
Approved: Tristan Harper CHIEF OF SURVEY
Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER
RIVER MILE 195.0 - 300.0

SHEET 30

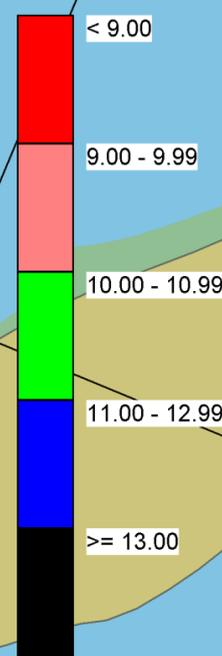


MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
228.3	418.10	427.62	427.62	9.52	9.52
241.2	418.50	432.97	433.10	14.47	14.60

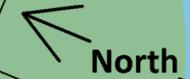
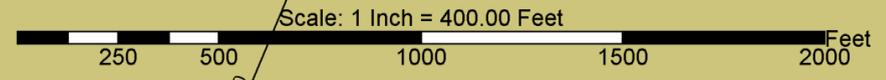
MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
228.3	418.10	427.62	427.62	9.52	9.52
241.2	418.50	432.97	433.10	14.47	14.60



CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
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 below Minimum Pool (MP)
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 Green depths are -10 to -10.99 feet below Minimum Pool (MP)
 Blue depths are -11 to -12.99 feet below Minimum Pool (MP)
 Black depths are -13 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.



232
Criminal Island Lt. (232.2)



Gage Records 29th May 2024

Dixon	@ 0900hrs = 17.00ft
LD25 Lower @ 0900hrs	= 25.97ft
Dixon	@ 2000hrs = 17.00ft
LD25 Lower @ 2000hrs	= 26.10ft

DATES OF SURVEY:
MAY 29TH 2024

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: **Abednego Nkem**
CHIEF OF SURVEY

Approved: **Tom Frerichs**
CHIEF ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
ASST CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

Date: MAY 30 2024

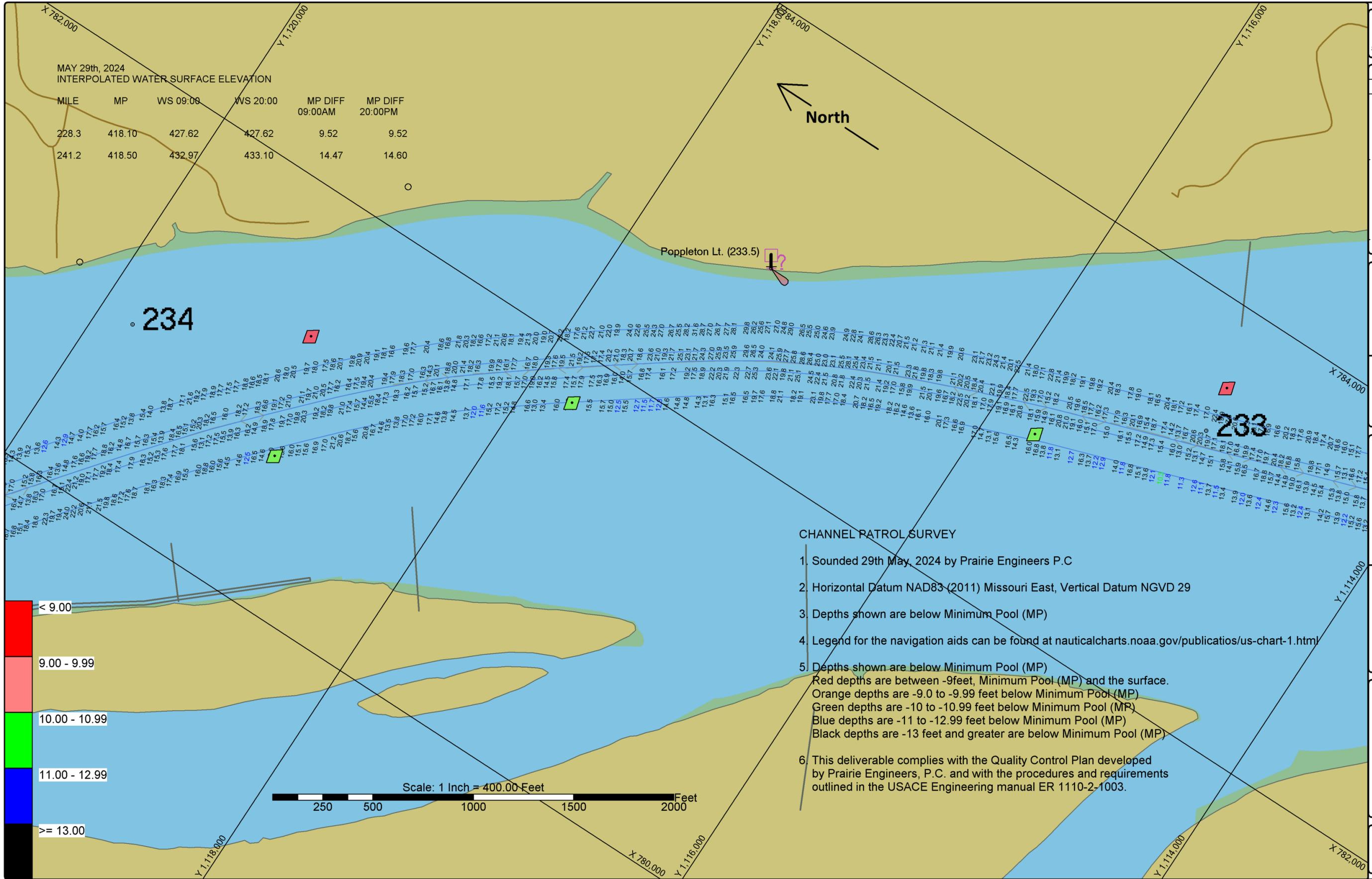
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 31





ST. LOUIS

<p>Gage Records 29th May 2024</p> <p>Dixon @ 0900hrs = 17.00ft LD25 Lower @ 0900hrs = 25.97ft</p> <p>Dixon @ 2000hrs = 17.00ft LD25 Lower @ 2000hrs = 26.10ft</p>	<p>DATES OF SURVEY: MAY 29TH 2024</p> <p>FILE NO.: REQUEST NO.:</p>
<p>SCALE: ONE INCH = 400 FEET</p> <p>FIELD BOOKS:</p>	<p>APPROVED BY: <small>US ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI</small></p> <p>SURVEYED BY: <small>PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236</small></p>
<p>Approved: Abednego Nkomo <small>CHIEF OF SURVEY</small></p> <p>Approved: Tom Frerichs <small>CIVIL ENGINEERING TECHNICIAN</small></p> <p>Approved: Jarrett Lancer <small>ASST. CHIEF OF SURVEY</small></p> <p>Approved: Tristan Harper <small>CHIEF OF SURVEY</small></p> <p>Date: MAY 30 2024</p>	
<p>CHANNEL PATROL SURVEY OF UPPER MISSISSIPPI RIVER</p> <p>RIVER MILE 195.0 - 300.0</p>	
<p>SHEET 32</p>	

CHANNEL PATROL SURVEY

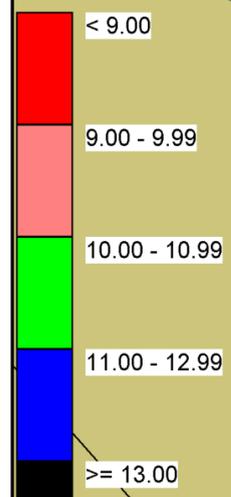
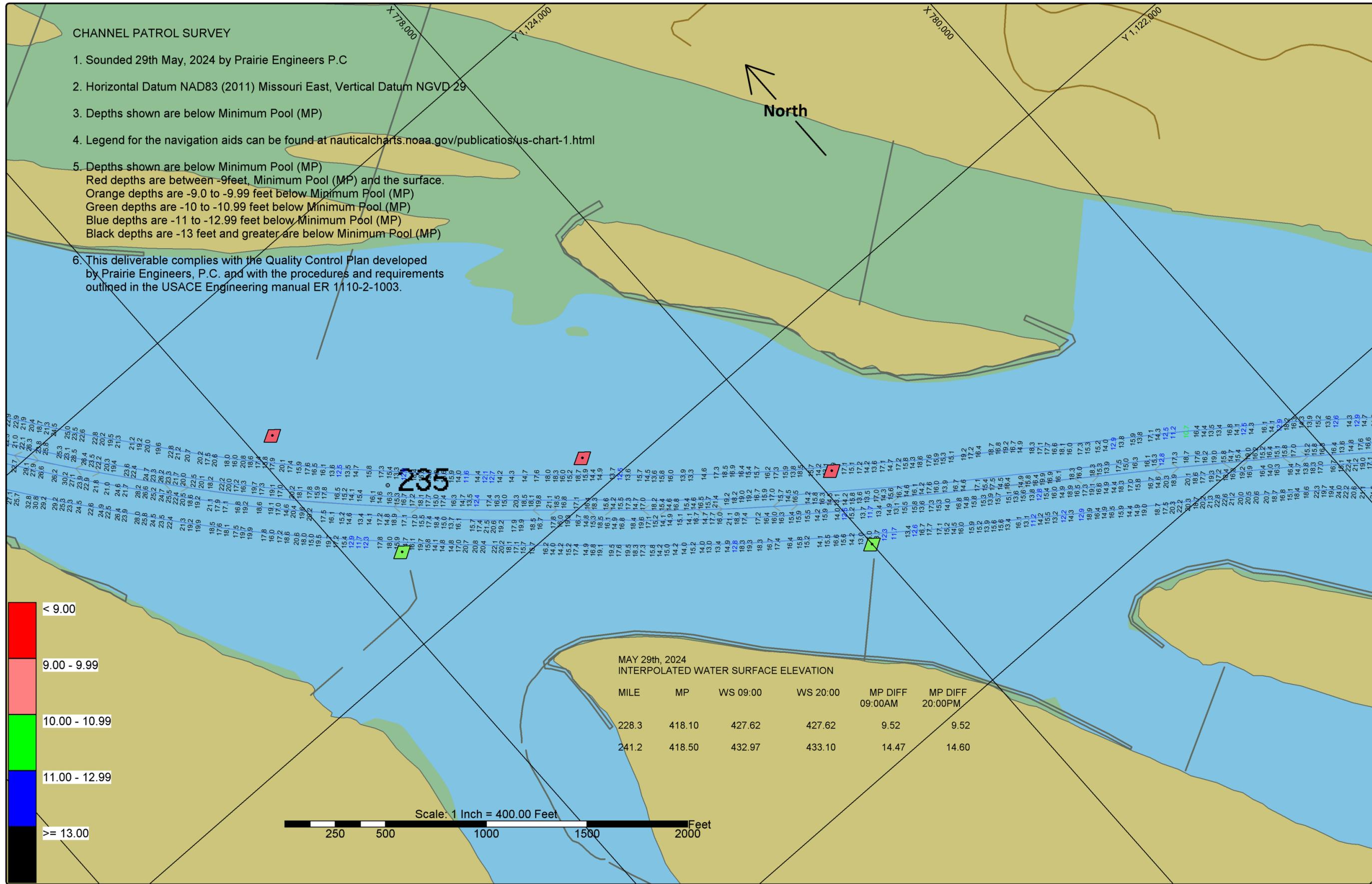
1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
3. Depths shown are below Minimum Pool (MP)
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ST. LOUIS

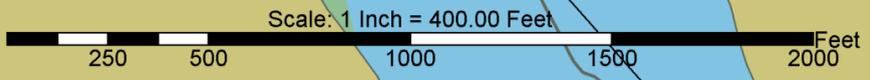
CHANNEL PATROL SURVEY

- Sounded 29th May, 2024 by Prairie Engineers P.C
- Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
- Depths shown are below Minimum Pool (MP)
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MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
228.3	418.10	427.62	427.62	9.52	9.52
241.2	418.50	432.97	433.10	14.47	14.60



Gage Records 29th May 2024	
Dixon @ 0900hrs = 17.00ft	
LD25 Lower @ 0900hrs = 25.97ft	
Dixon @ 2000hrs = 17.00ft	
LD25 Lower @ 2000hrs = 26.10ft	

DATES OF SURVEY:	MAY 29th 2024
SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	
FILE NO.:	
REQUEST NO.:	

Approved: **Abednego Nkem**
REGISTERED PROFESSIONAL ENGINEER

Approved: **Tom Frerichs**
CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

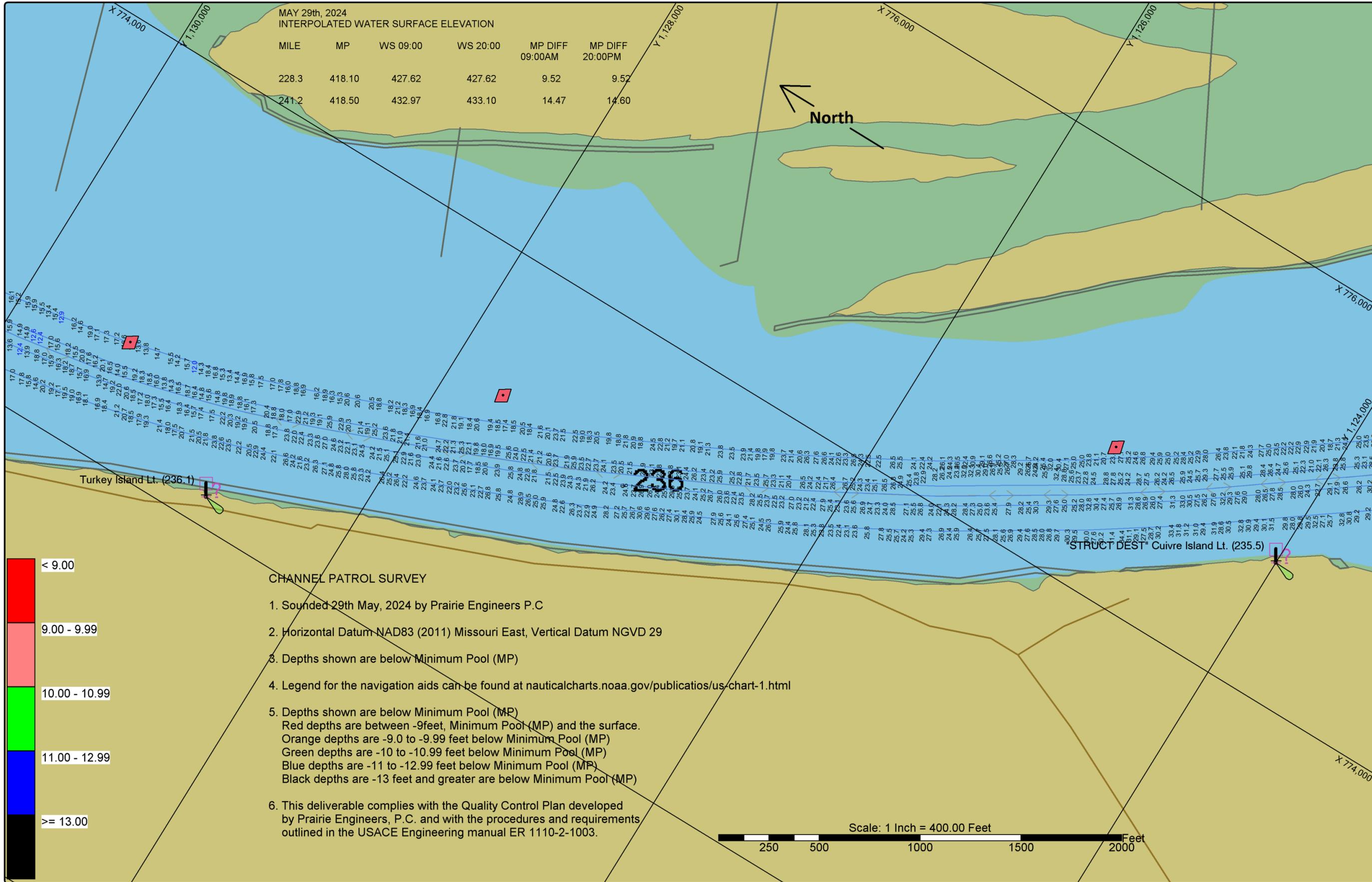
Date: **MAY 30 2024**

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0



Gage Records 29th May 2024

Dixon @ 0900hrs	= 17.00ft
LD25 Lower @ 0900hrs	= 25.97ft
Dixon @ 2000hrs	= 17.00ft
LD25 Lower @ 2000hrs	= 26.10ft

DATES OF SURVEY:
MAY 29th 2024

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: **Abednego Nkem**
CHIEF OF DISTRICT

Approved: **Tom Frerichs**
CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

Date: **MAY 30 2024**

US ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER

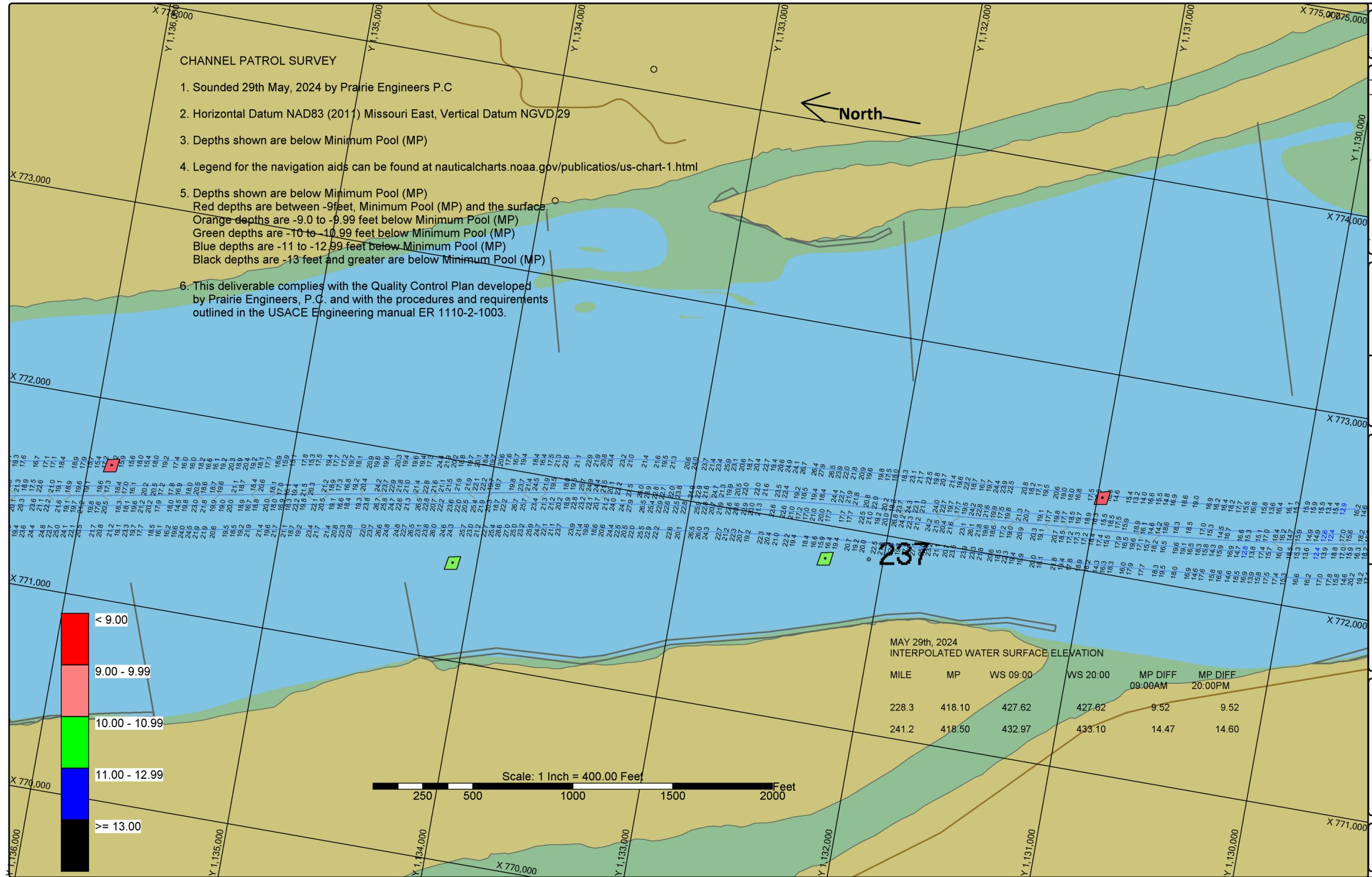
RIVER MILE 195.0 - 300.0



ST. LOUIS

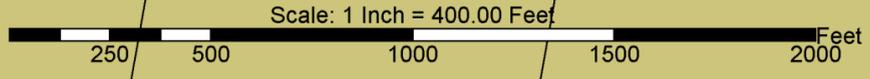
CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
2. Horizontal Datum NAD83 (2011) Missouri East, Vertical Datum NGVD 29
3. Depths shown are below Minimum Pool (MP)
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MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
228.3	418.10	427.62	427.62	9.52	9.52
241.2	418.50	432.97	433.10	14.47	14.60



Gage Records 29th May 2024	
Dixon @ 0900hrs = 17.00ft	
LD25 Lower @ 0900hrs = 25.97ft	
Dixon @ 2000hrs = 17.00ft	
LD25 Lower @ 2000hrs = 26.10ft	

DATES OF SURVEY:	
MAY 29th 2024	
SCALE:	ONE INCH = 400 FEET
FIELD BOOKS:	
FILE NO.:	
REQUEST NO.:	

Approved: **Abednego Nkomo**
SENIOR PROJECT MANAGER

Approved: **Tom Frerichs**
CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

Date: **MAY 30 2024**

US ARMY CORPS OF ENGINEERS
 ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER
 RIVER MILE 195.0 - 300.0

SHEET 35



Gage Records 29th May 2024	
Dixon @ 0900hrs = 17.00ft	
LD25 Lower @ 0900hrs = 25.97ft	
Dixon @ 2000hrs = 17.00ft	
LD25 Lower @ 2000hrs = 26.10ft	

DATES OF SURVEY: MAY 29th 2024	FILE NO.:
SCALE: ONE INCH = 400 FEET	REQUEST NO.:
FIELD BOOKS:	

Approved: Abednego Nkem CHIEF OF PARTY	Approved: Tom Frerichs CHIEF ENGINEERING TECHNICIAN
Approved: Jarrett Lancer ASST. CHIEF OF PARTY	Approved: Tristan Harper CHIEF OF SURVEY
Date: MAY 30 2024	

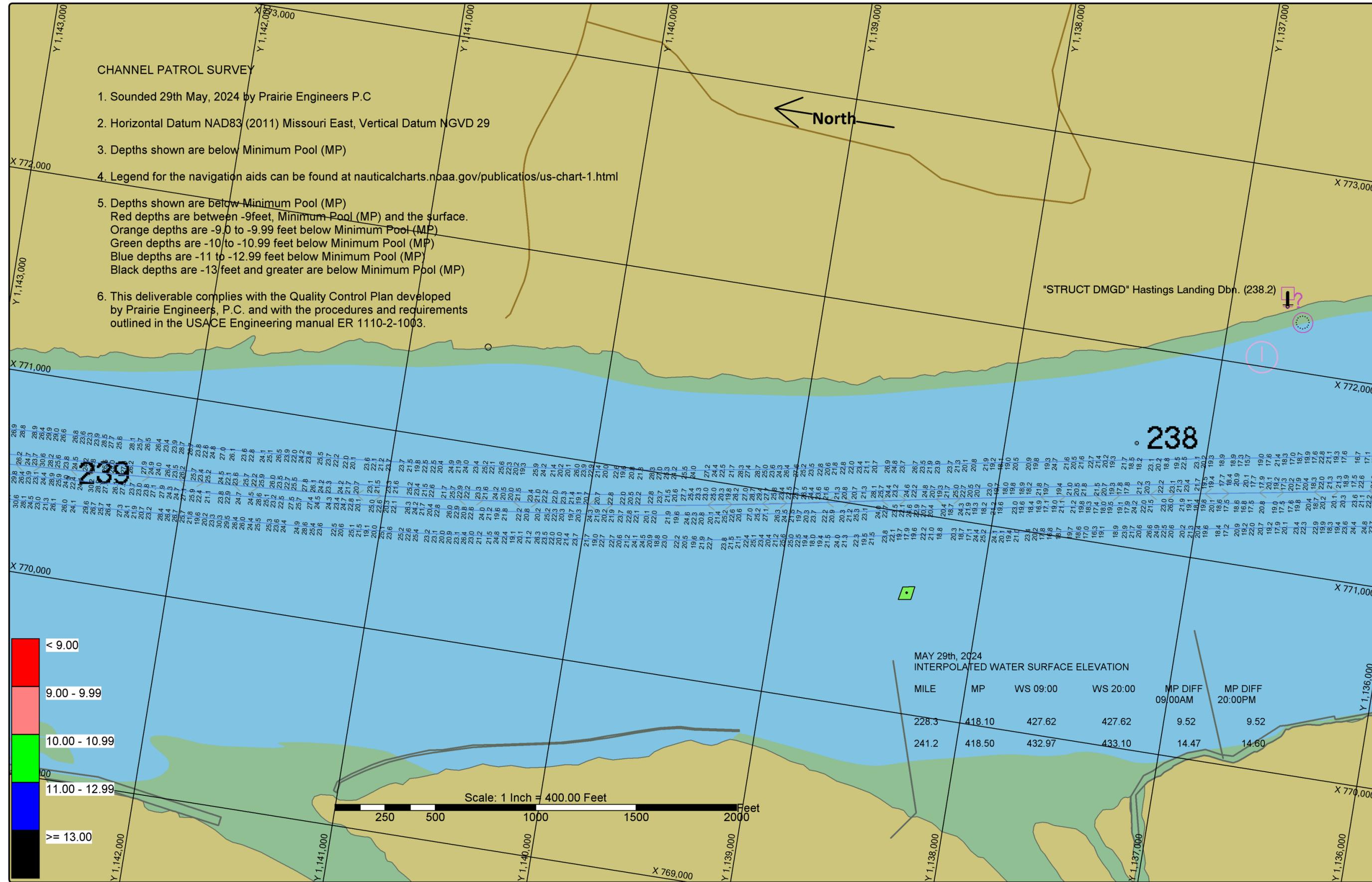
US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

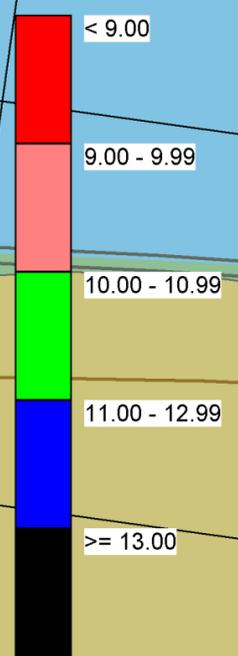
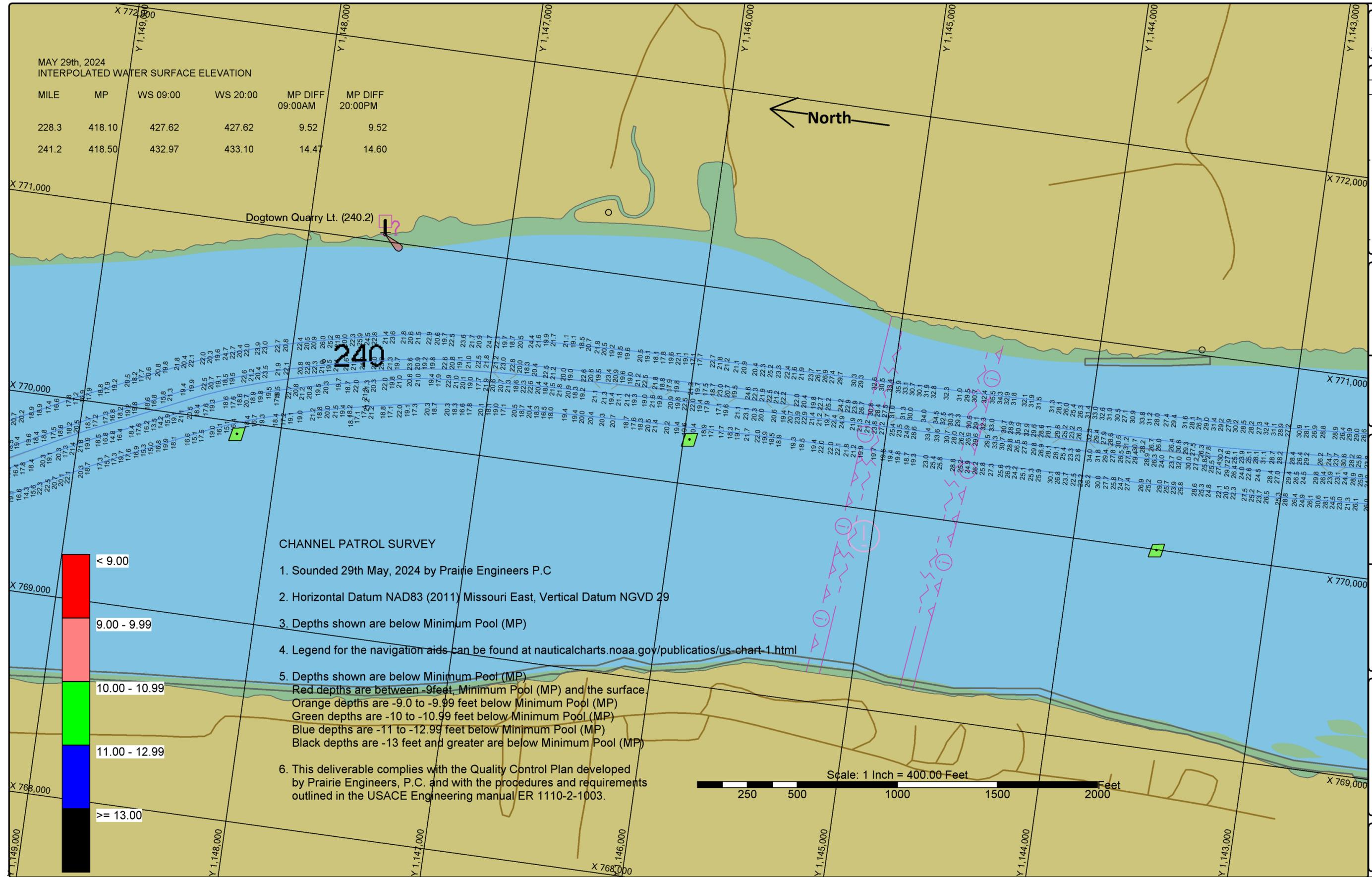
RIVER MILE 195.0 - 300.0

SHEET 36



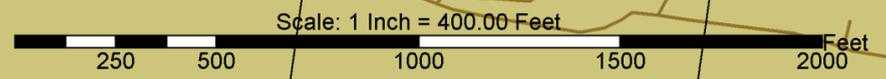
MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
228.3	418.10	427.62	427.62	9.52	9.52
241.2	418.50	432.97	433.10	14.47	14.60



CHANNEL PATROL SURVEY

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ST. LOUIS

Gage	Records	29th May 2024
Dixon	@ 0900hrs	= 17.00ft
LD25 Lower	@ 0900hrs	= 25.97ft
Dixon	@ 2000hrs	= 17.00ft
LD25 Lower	@ 2000hrs	= 26.10ft

DATES OF SURVEY:
MAY 29th 2024

SCALE:
ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: **Abdennour Nkem**
SURVEY CHIEF

Approved: **Tom Frerichs**
CIVIL ENGINEERING TECHNICIAN

Approved: **Jarrett Lancer**
ASST. CHIEF OF SURVEY

Approved: **Tristan Harper**
CHIEF OF SURVEY

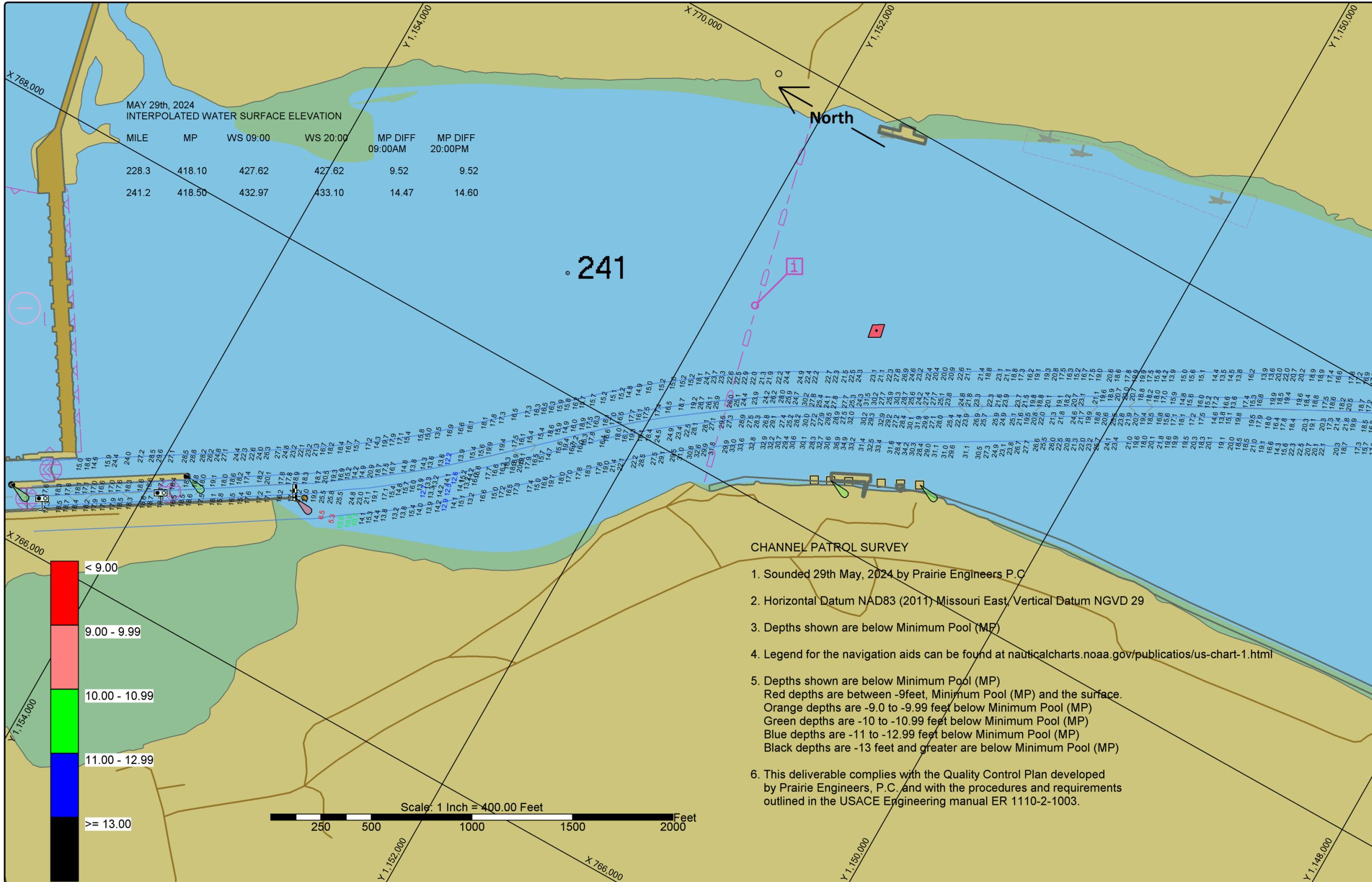
Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0



MAY 29th, 2024
INTERPOLATED WATER SURFACE ELEVATION

MILE	MP	WS 09:00	WS 20:00	MP DIFF 09:00AM	MP DIFF 20:00PM
228.3	418.10	427.62	427.62	9.52	9.52
241.2	418.50	432.97	433.10	14.47	14.60

241

North

CHANNEL PATROL SURVEY

1. Sounded 29th May, 2024 by Prairie Engineers P.C
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3. Depths shown are below Minimum Pool (MP)
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Scale: 1 Inch = 400.00 Feet

250 500 1000 1500 2000 Feet

ST. LOUIS

Gage Records 29th May 2024	
Dixon @ 0900hrs = 17.00ft	
LD25 Lower @ 0900hrs = 25.97ft	
Dixon @ 2000hrs = 17.00ft	
LD25 Lower @ 2000hrs = 26.10ft	

DATES OF SURVEY: MAY 29TH 2024

SCALE: ONE INCH = 400 FEET

FIELD BOOKS:

FILE NO.:

REQUEST NO.:

Approved: Abderrahmou Nkomo
CHIEF OF SURVEY

Approved: Tom Frerichs
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Lancer
ASST. CHIEF OF SURVEY

Approved: Tristan Harper
CHIEF OF SURVEY

Date: MAY 30 2024

US ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
 ST. LOUIS, MISSOURI

SURVEYED BY
 PRAIRIE ENGINEERS, P.C.
 404 N. MAIN STREET
 COLUMBIA, IL 62236

CHANNEL PATROL SURVEY
 OF UPPER MISSISSIPPI RIVER

RIVER MILE 195.0 - 300.0

SHEET 38