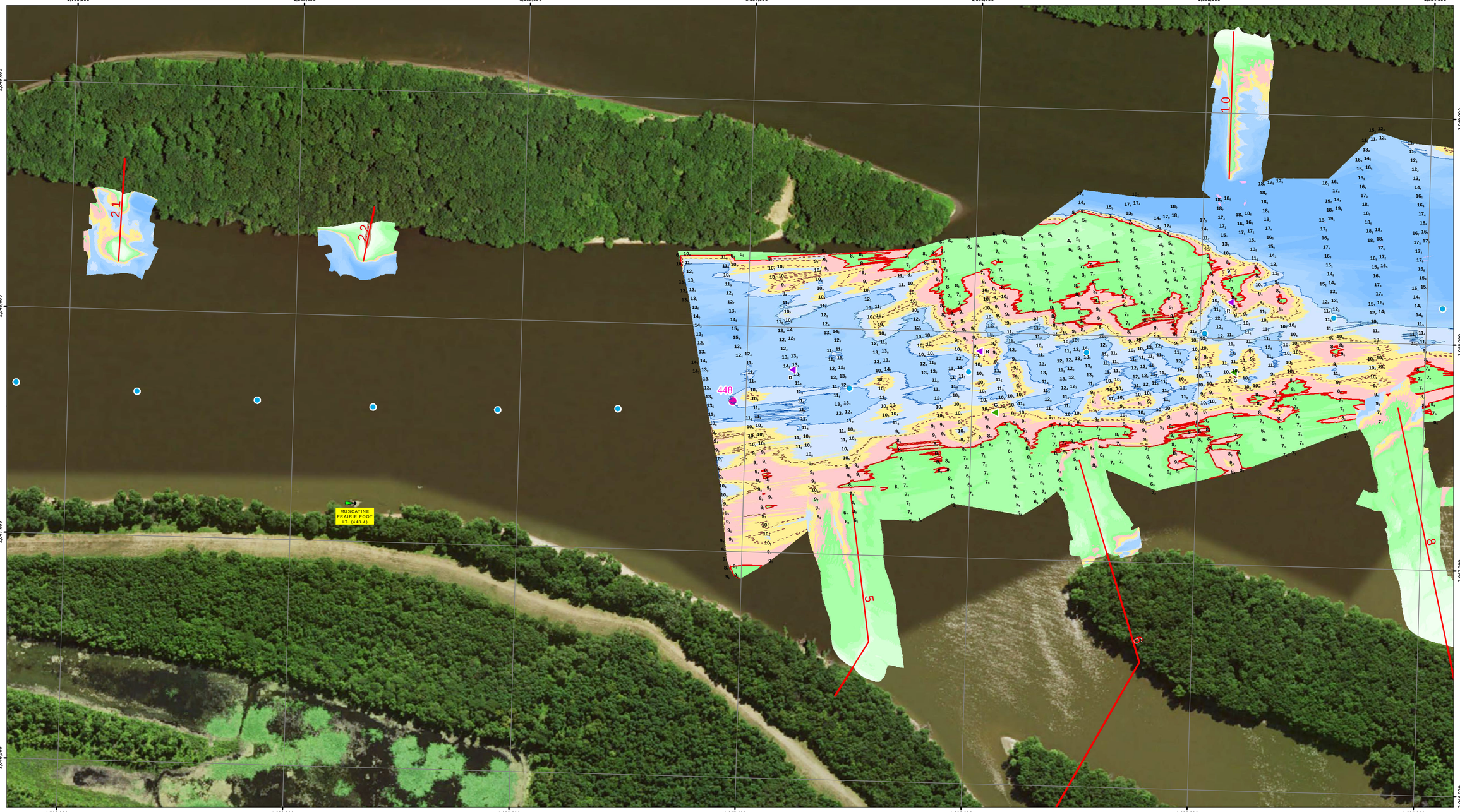
UPSTREAM

DOWNSTREAM



US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved

Points represent shallowest depth value derived from 49foot grid.
Map Document Grid is 1000' x 1000'.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:
Date: 7/29/2016
Drawn By:
File No.
Checked By:
I.S.O. Sheet File Name:
Reviewed By:
Solicitation Number:

Sheet Reference Number
158 of 301

NOTES:

Survey Date: July 26, 2016

Conducted by: Kenny B, Cory B, Daniel S, Steve B

Survey Vessel: MV Hinds

Flat Pool: 536

Water Surface: 542.8

Stage: +6.8

Upstream Gage: Muscatine RM 455.2

Downstream Gage: Lock 17 Pool RM 437.1

Processed in ArcGIS by: Missi Brown 7/29/2016

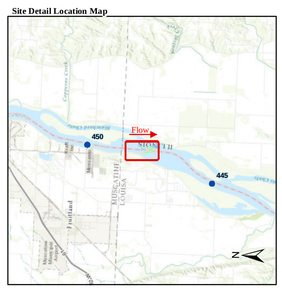
Document Name: UM_24_UMR_20160726_17_44704480_16B

Horizontal Projection: State Plane, NAD 1983
Illinois West - 1202, U.S. Survey Feet
Vertical Datum: MSL 1912 U.S. Survey Feet.

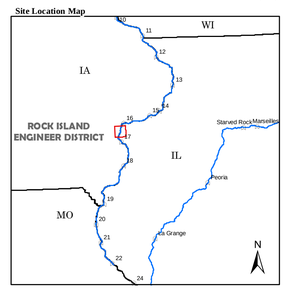
Imagery: 2015 USDA NAIP

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Site Detail Location Map



Site Location Map



Depth (Ft)

-10', 0', 5', 10', 11', 20', 30', 50'

River Mile
- Mile
- Tenth

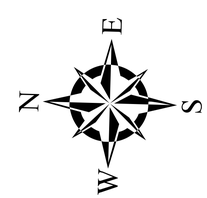
River Features
- Wing Dam Location

Lights
- Green
- Red
- White
- Yellow

Daybeacon
- NR: Rhombus, Red and White
- NG: Rhombus, Green and White
- SG: Square, Green
- TR: Triangle, Red

Lateral Buoys
- Green
- Red

Caution Areas
- Submerged Pipeline
- Submerged Pipe Area
- Submerged Cable
- Submerged Cable Area



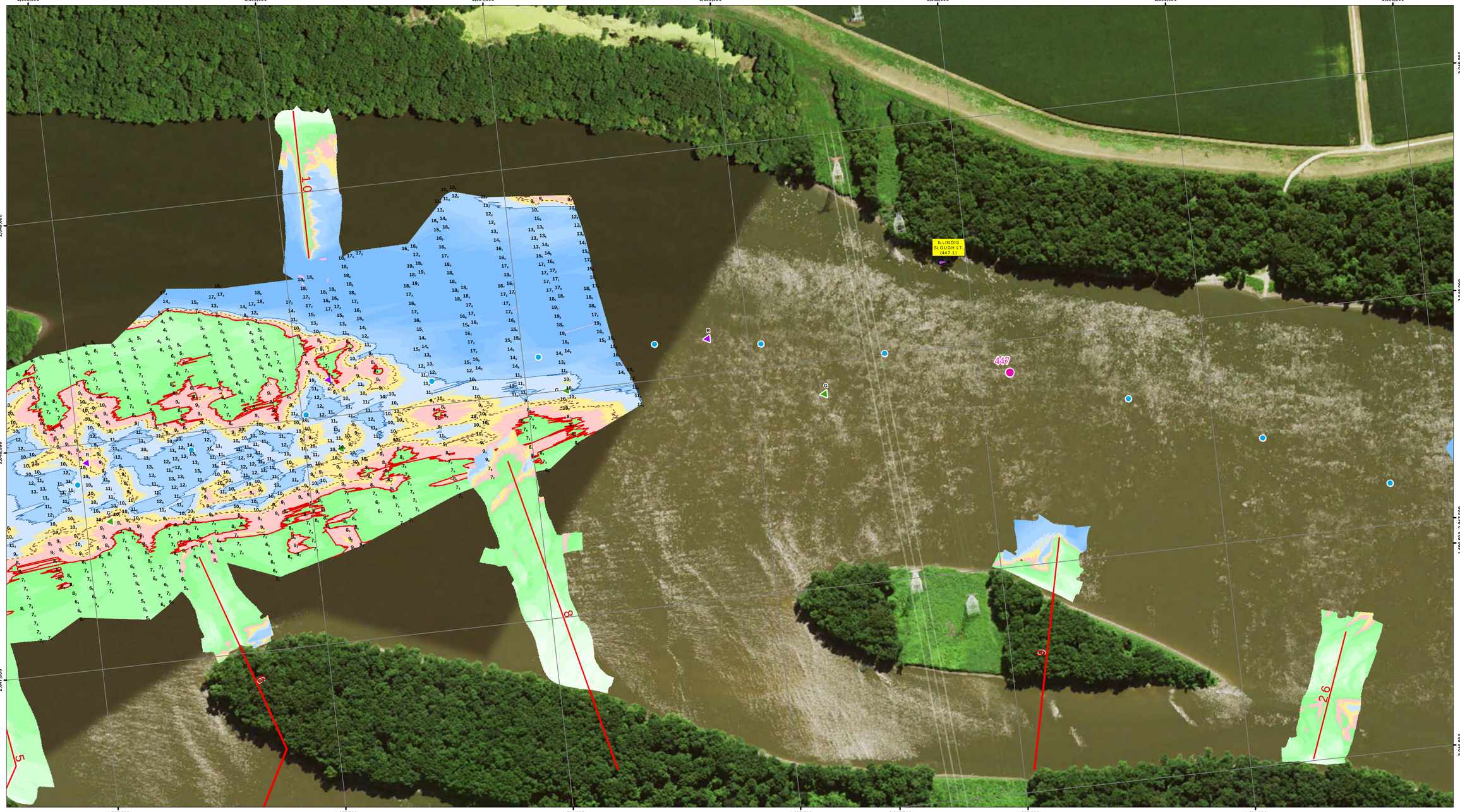
US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 17
REACH: Bass Island to Blanchard Island Lower
REACH MILES: 447.4 to 448.6
SURVEY TYPE: CONDITION

1 " = 200 '

0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 447.0-448.0

UPSTREAM



DOWNSTREAM

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved

Points represent shallowest depth value derived from 4ft/sec grid.
Map Document Grid is 1000' x 1000'.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:
Drawn By:
Checked By:
Reviewed By:
Date: 7/29/2016
File No.
L.S.O. Sheet File Name:
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Processed in ArcGIS by: Missi Brown 7/29/2016

Document Name: UM_24_UMR_20160726_17_44704480_16B

Horizontal Projection: State Plane, NAD 1983 Illinois West - 1202, U.S. Survey Feet
Vertical Datum: MSL 1912 U.S. Survey Feet.

Imagery: 2015 USDA NAIP

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

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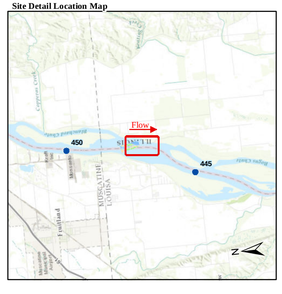
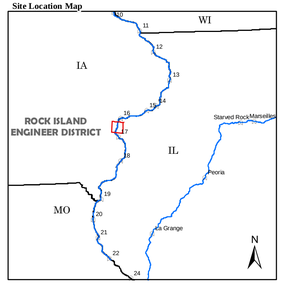


Site Location Map



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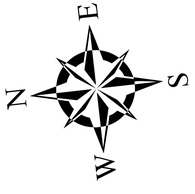

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 17
REACH: Bass Island
REACH MILES: 446.7 to 447.8
SURVEY TYPE: CONDITION

1 " = 200 '

0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 447.0-448.0