DOWNSTREAM

UPSTREAM

1,333,000 1,334,000 1,335,000 2,327,000 1,337,000 1,338,000

2,327,000 2,328,000 2,329,000 1,332,000 2,330,000 1,338,000 2,331,000

1,332,000 1,333,000 2,330,000 1,334,000 1,335,000 1,336,000 1,337,000 2,331,000

Quiver Beach

Quiver Beach Dbn. (122.8)

123

122

US Army Corps of Engineers
Rock Island District

Labels represent shallowest depth value derived from 5 foot grid.
Map Document Grid is 1000' x 1000'

Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Date: 10/20/2026	
	Drawn By:	File No.	
	Checked By:	I.S.O. Sheet File Name:	
	Reviewed By:	Solicitation Number:	

Sheet Reference Number
107 of 155

NOTES:

Survey Date: September 15, 2026
Conducted by: Crist, Smith
Survey Vessel: SV Ragnar
Low Operating Level: 429' NGVD 1929
Water Surface: 430.19
Stage: +0.96
Water Surface Source: GAGE
Downstream Gage: Havana RM 119.6
Upstream Gage: Copperas RM 136.8
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/20/2026
Document Name: IL_LA_MVR_20260915_CS_12001225_26E

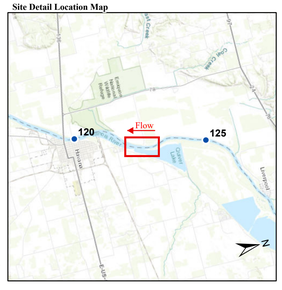
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

Horizontal Projection: State Plane, NAD 1983 Illinois West - 1202, U.S. Survey Feet
Vertical Datum: NGVD 1929 U.S. Survey Feet.

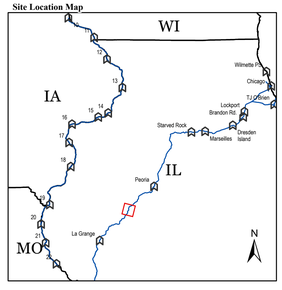
Imagery: Esri NAIP Service

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'
9'
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: ILLINOIS WATERWAY
POOL: LaGrange
REACH: Upper Quiver Island
REACH MILES: 122 to 123.2
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 120.0-122.5

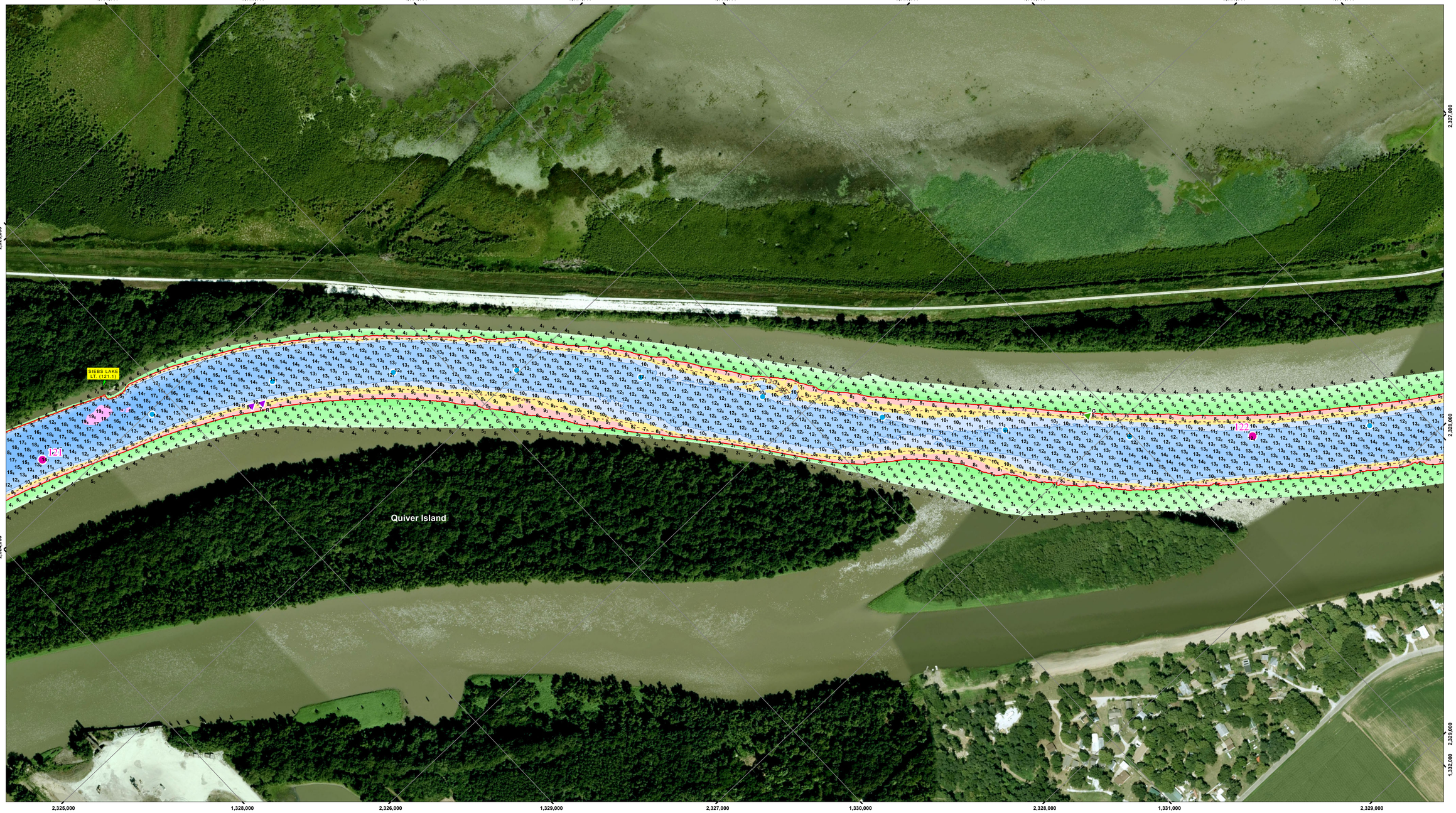
DOWNSTREAM

UPSTREAM

1,330,000 2,323,000 1,331,000 2,324,000 1,332,000 2,325,000 1,333,000 2,326,000 1,334,000

2,323,000 2,324,000 2,325,000 2,327,000 2,329,000 1,332,000

2,325,000 1,328,000 2,326,000 1,329,000 2,327,000 1,330,000 2,328,000 1,331,000 2,329,000



US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Labels represent shallowest depth value derived from 40 foot grid. Map Document Grid is 1000' x 1000'		

Designed By:	Date: 10/20/2026
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
108 of 155

NOTES:

Survey Date: September 15, 2026
Conducted by: Crist, Smith
Survey Vessel: SV Ragnar
Low Operating Level: 429' NGVD 1929
Water Surface: 430.19
Stage: +0.96
Water Surface Source: GAGE
Downstream Gage: Havana RM 119.6
Upstream Gage: Copperas RM 136.8
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/20/2026
Document Name: IL_LA_MVR_20260915_CS_12001225_26E

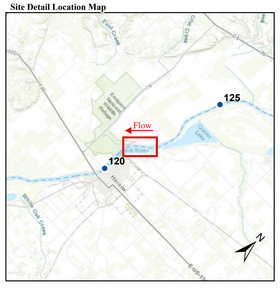
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

Horizontal Projection: State Plane, NAD 1983 Illinois West - 1202, U.S. Survey Feet
Vertical Datum: NGVD 1929 U.S. Survey Feet.

Imagery: Esri NAIP Service

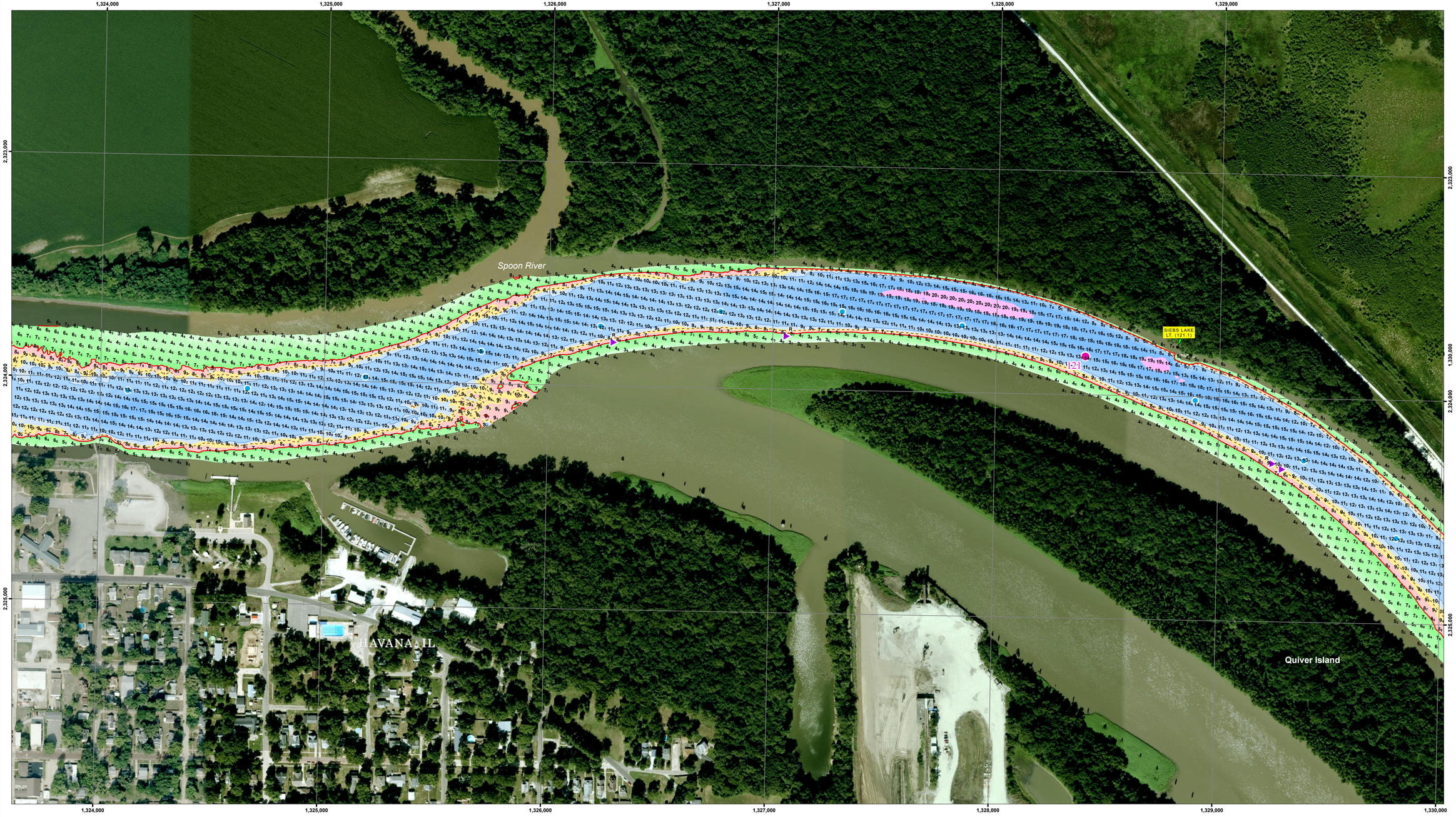
The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Site Detail Location Map


Flow
125
120
Quiver Island
Illinois River
Copperas Creek
Havana
Duncan Island
Spoon River
Matanzas
Liverpool
Bryant
Lake Chautauqua
Big Creek
Hickory Creek
Emiquon
Flag Lake
Thompson Lake
Dickson Mounds
Lewistown
Lake Thompson
Lake Ellen
Lake Ellen Mary
Lake Mary
Lake Clear
Lake Jean
Lake Eleanor
Lake Mason
Lake Fern
Lake Fay
Lake Fannie
Lake Dickson
Lake Charleston
Lake Catherine
Lake Calamus
Lake Buckhorn
Lake Bernice
Lake Ann
Lake Agnes
Lake Adeline
Lake Acorn
Lake Abbie

DOWNSTREAM

UPSTREAM



NOTES:

Survey Date: September 15, 2026
Conducted by: Crist, Smith
Survey Vessel: SV Ragnar
Low Operating Level: 429' NGVD 1929
Water Surface: 430.19
Stage: +0.96
Water Surface Source: GAGE
Downstream Gage: Havana RM 119.6
Upstream Gage: Copperas RM 136.8
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/20/2026
Document Name: IL_LA_MVR_20260915_CS_12001225_26E

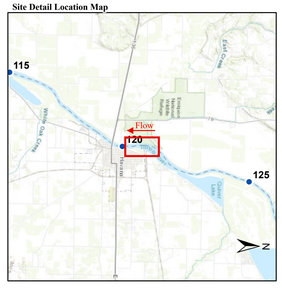
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

Horizontal Projection: State Plane, NAD 1983 Illinois West - 1202, U.S. Survey Feet
Vertical Datum: NGVD 1929 U.S. Survey Feet.

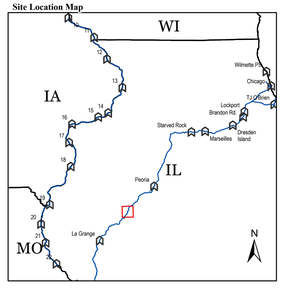
Imagery: Esri NAIP Service

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.

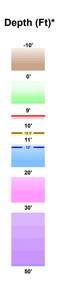
Site Detail Location Map



Site Location Map



Depth (Ft)*



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: ILLINOIS WATERWAY
POOL: LaGrange
REACH: Lower Quiver Island
REACH MILES: 120.1 to 121.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 120.0-122.5

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Labels represent shallowest depth value derived from 4 foot grid. Map Document Grid is 1000' x 1000'		

Date: 10/20/2026	
File No.	
I.S.O. Sheet File Name:	
Solicitation Number:	
Designed By:	
Drawn By:	
Checked By:	
Reviewed By:	

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
109 of 155

DOWNSTREAM

UPSTREAM

1,320,000 2,321,000 1,321,000 1,322,000 2,322,000 1,323,000 1,324,000 2,323,000

1,319,000 2,321,000 2,322,000 1,318,000 2,324,000 1,319,000 1,320,000 2,325,000 1,321,000 1,322,000 2,326,000 1,323,000

119 120

HAVANA, IL

NOTES:

Survey Date: September 15, 2026
Conducted by: Crist, Smith
Survey Vessel: SV Ragnar
Low Operating Level: 429' NGVD 1929
Water Surface: 430.19
Stage: +0.96
Water Surface Source: GAGE
Downstream Gage: Havana RM 119.6
Upstream Gage: Copperas RM 136.8
RTK to Pool Datum: NA

Processed in ArcGIS by: Cameron S 10/20/2026
Document Name: IL_LA_MVR_20260915_CS_12001225_26E

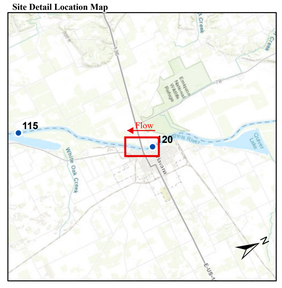
** Depths shown have been adjusted from actual depths at the time of survey to reflect depth from Low Operating Level.*

Horizontal Projection: State Plane, NAD 1983 Illinois West - 1202, U.S. Survey Feet
Vertical Datum: NGVD 1929 U.S. Survey Feet.

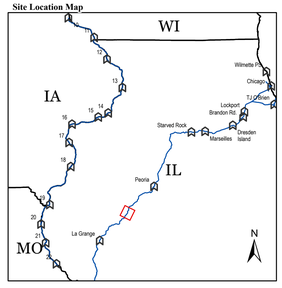
Imagery: Esri NAIP Service

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'
9'
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: ILLINOIS WATERWAY
POOL: LaGrange
REACH: Havana
REACH MILES: 119 to 120.2
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

0 100 200 400 600 800 1,000 Feet

1 inch = 200 feet
Sheet Size 36" x 24"

SURVEYED RIVER MILES: 120.0-122.5

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Labels represent shallowest depth value derived from 5 foot grid. Map Document Grid is 1000' x 1000'		

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS		
Designed By:	Date: 10/20/2026	
Drawn By:	File No.	
Checked By:	I.S.O. Sheet File Name:	
Reviewed By:	Solicitation Number:	

Sheet Reference Number
110 of 155