

LAYERS MAPPED

- Overall Density
- Upstream Density
- Downstream Density
- Upstream Average Speed
- Downstream Average Speed
- Upstream Average Course-Heading Difference
- Downstream Average Course-Heading Difference



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UPSTREAM, AVE SPEED

[Details](#)

Legend

AIS 2017 Upstream Average Speed MIL1

Upstream Average Speed 10 meter

Upstream Average Speed, Knots

- ≤ 1.5
- ≤ 2.0
- ≤ 3.0
- ≤ 4.0
- ≤ 5.0
- ≤ 6.0
- ≤ 7.0
- > 7.0

DOWNSTREAM, AVE SPEED

Details



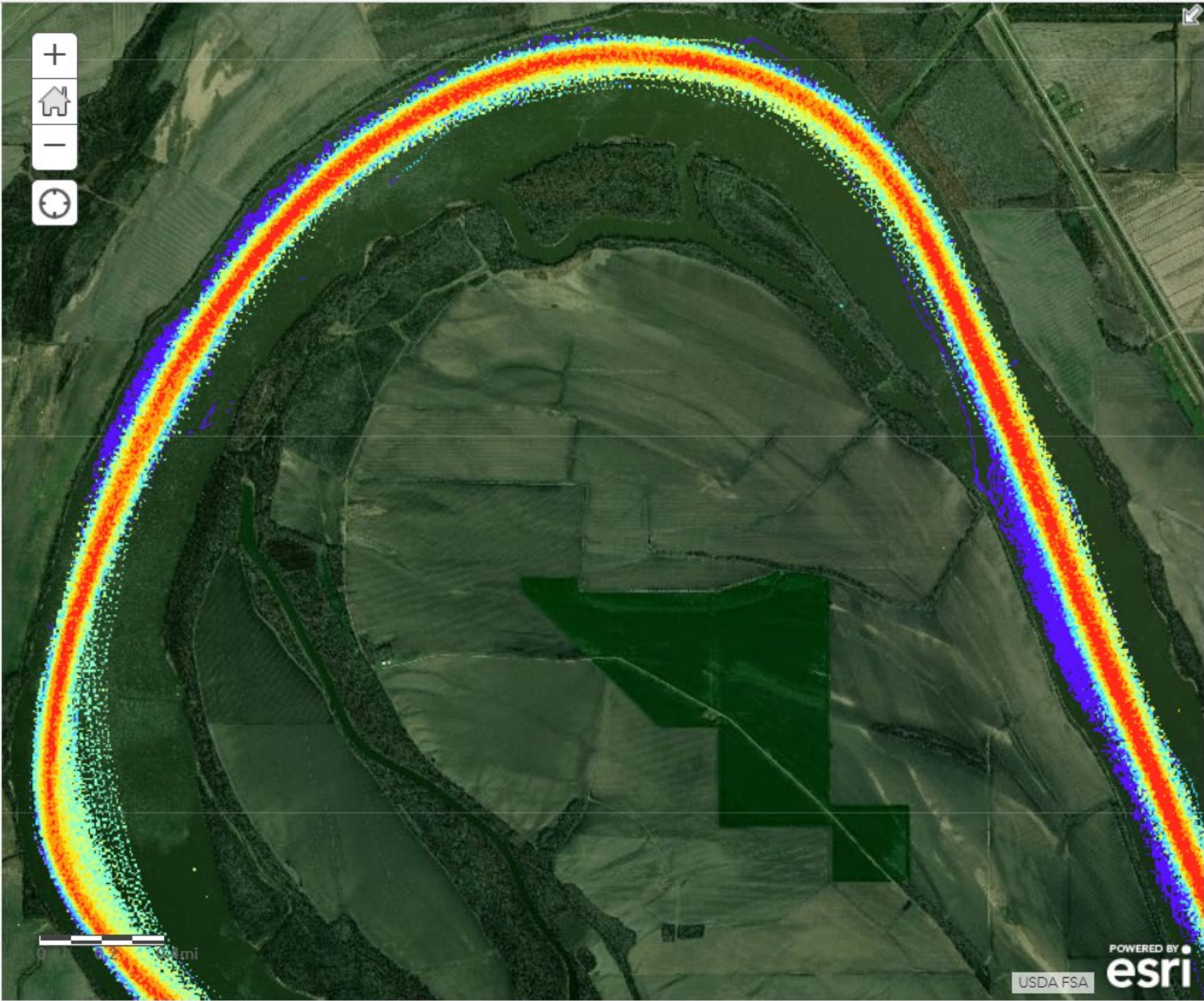
Legend

AIS 2017 Downstream Average Speed MIL1

Downstream Average Speed 10 meter

Downstream Average Speed, Knots

- ≤ 1.5
- ≤ 2.0
- ≤ 3.0
- ≤ 4.0
- ≤ 5.0
- ≤ 6.0
- ≤ 7.0
- > 7.0



UPSTREAM, COURSE - HEADING

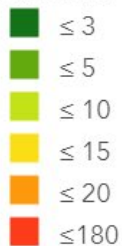
[Details](#)

Legend

AIS 2017 Upstream Course Heading Difference MIL1

Upstream Course-Heading Difference 10 meter

Upstream Course-Heading Difference



DOWNSTREAM, COURSE - HEADING



Legend

AIS_2017_Downstream_Course_He

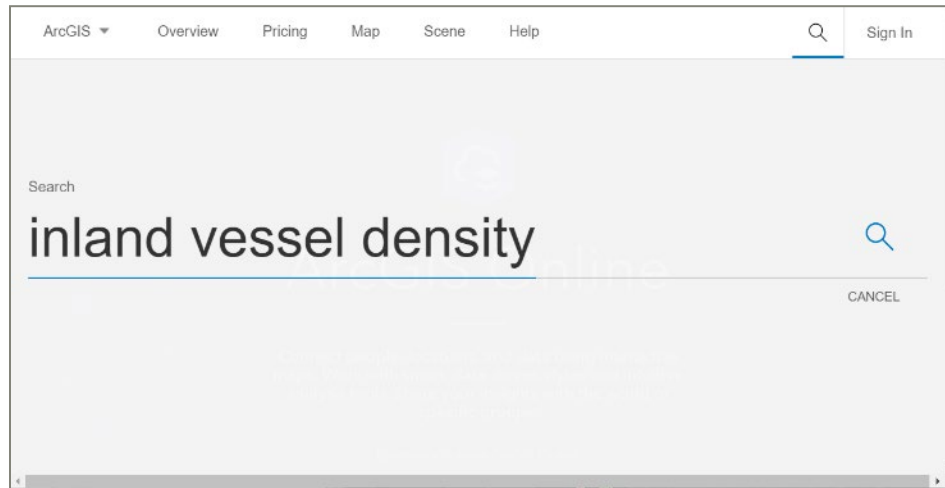
Downstream Course-Heading
Difference 10 meter

Downstream Course-Heading
Difference

- ≤ 3
- ≤ 5
- ≤ 10
- ≤ 15
- ≤ 20
- ≤ 180




ARCGIS.COM MAP LAYERS



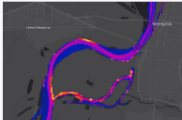
Layers
Scenes
Apps
Tools
Files
Notebooks

> Date Modified
> Status

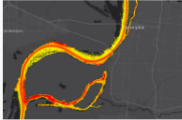
1 - 3 of 3



US Inland Waterways Vessel Density 2018 - 5 Meters
Tile Layer by danmcbride
AIS position density of moving vessels for all of 2018 in 5 meter grids.
Created: Mar 24, 2020 Updated: Mar 25, 2020 View Count: 28

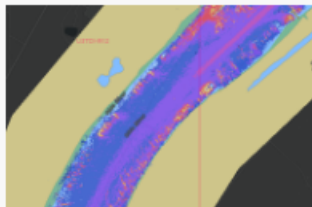


US Inland Waterways Vessel Density 2018 - 10 Meters
Tile Layer by danmcbride
AIS position density of moving vessels for all of 2018 in 10 meter grids.
Created: Mar 30, 2020 Updated: Mar 30, 2020 View Count: 24



US Inland Waterways Downstream Vessel Density 2018 - 10 Meters
Tile Layer by danmcbride
Total count of AIS position reports with an downstream course direction. Value is calculated from all vessel position reports in a 10 meter cell area for the calendar year 2018.
Created: Apr 7, 2020 Updated: Apr 7, 2020 View Count: 12

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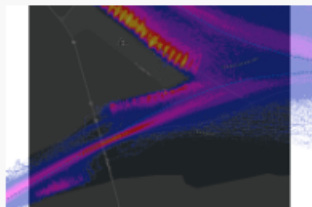


Inland Vessel Density Maps

 Web Map by [usace_mvr_djm](#)

Vessel density plots from recent years as recorded in the Nationwide Automatic Identification System (NAIS) by the U.S. Coast Guard.

Created: Nov 8, 2018 Updated: Apr 8, 2020 View Count: 164



Inland Vessel Density and Chart Viewer

 Web Mapping Application by [usace_mvr_djm](#)

AIS density plots overlaid on Inland Electronic Navigation Charts

Created: Nov 8, 2018 Updated: Nov 8, 2018 View Count: 146



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ARCGIS.COM – WEB MAP

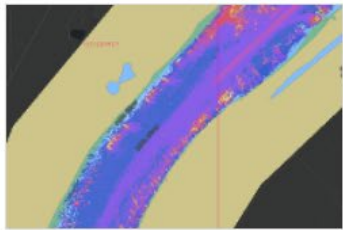
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Inland Vessel Density Maps

[Overview](#)



Vessel density plots from recent years as recorded in the Nationwide Automatic Identification System (NAIS) by the U.S. Coast Guard.

Web Map by [usace_mvr_djm](#)

Created: Nov 8, 2018 Updated: Apr 8, 2020 View Count: 186

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[Open in ArcMap](#)

[Open in ArcGIS Pro](#)

Details

Size: 5 KB



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Owner

[usace_mvr_djm](#)

Description

An in-depth description of the item is not available.

Layers

[Recommended Tracks \(USACE IENC\) - RECOMMENDED_TRACK](#)

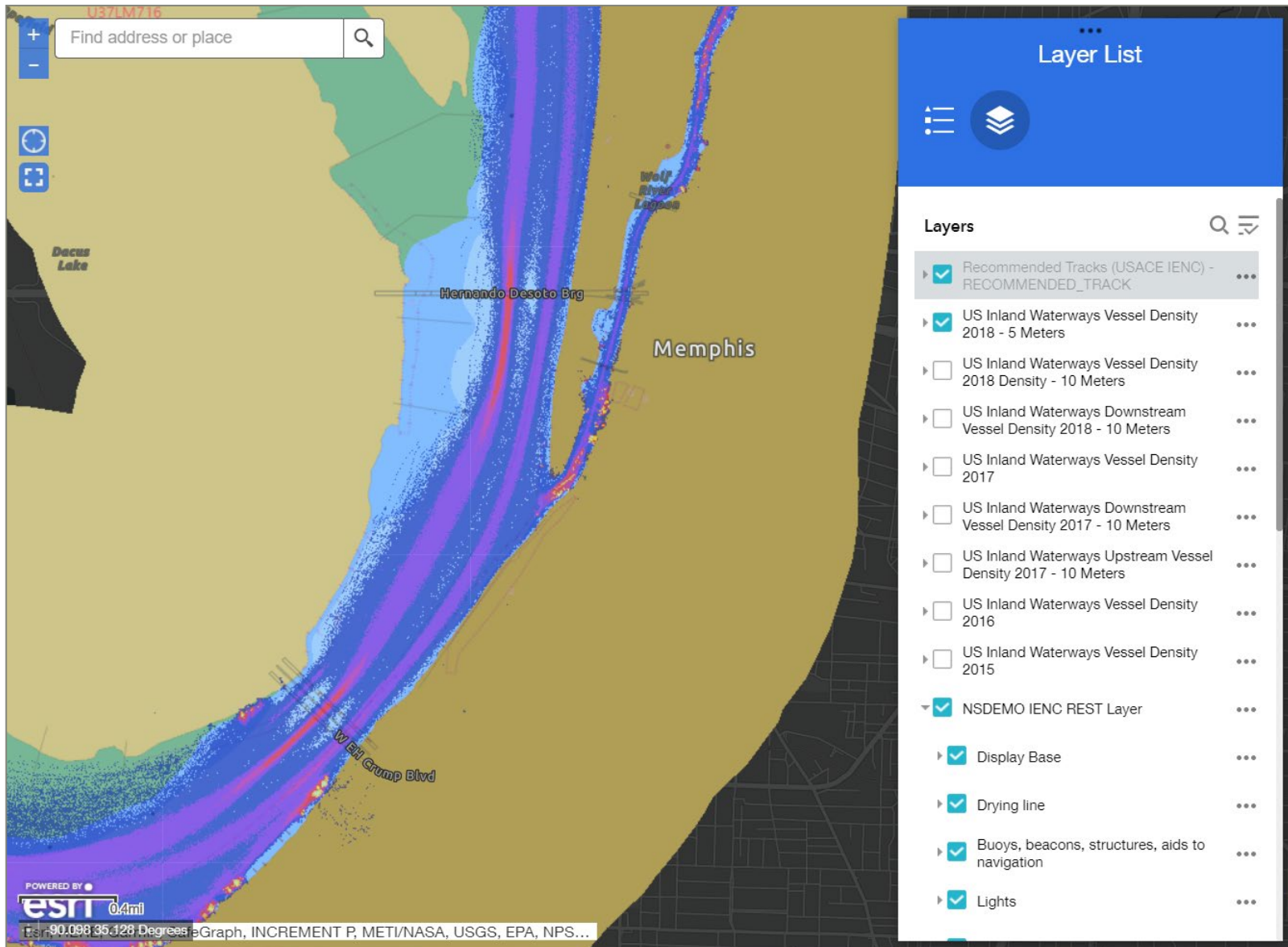
[US Inland Waterways Vessel Density 2018 - 5 Meters](#)

[US Inland Waterways Vessel Density 2018 Density - 10 Meters](#)

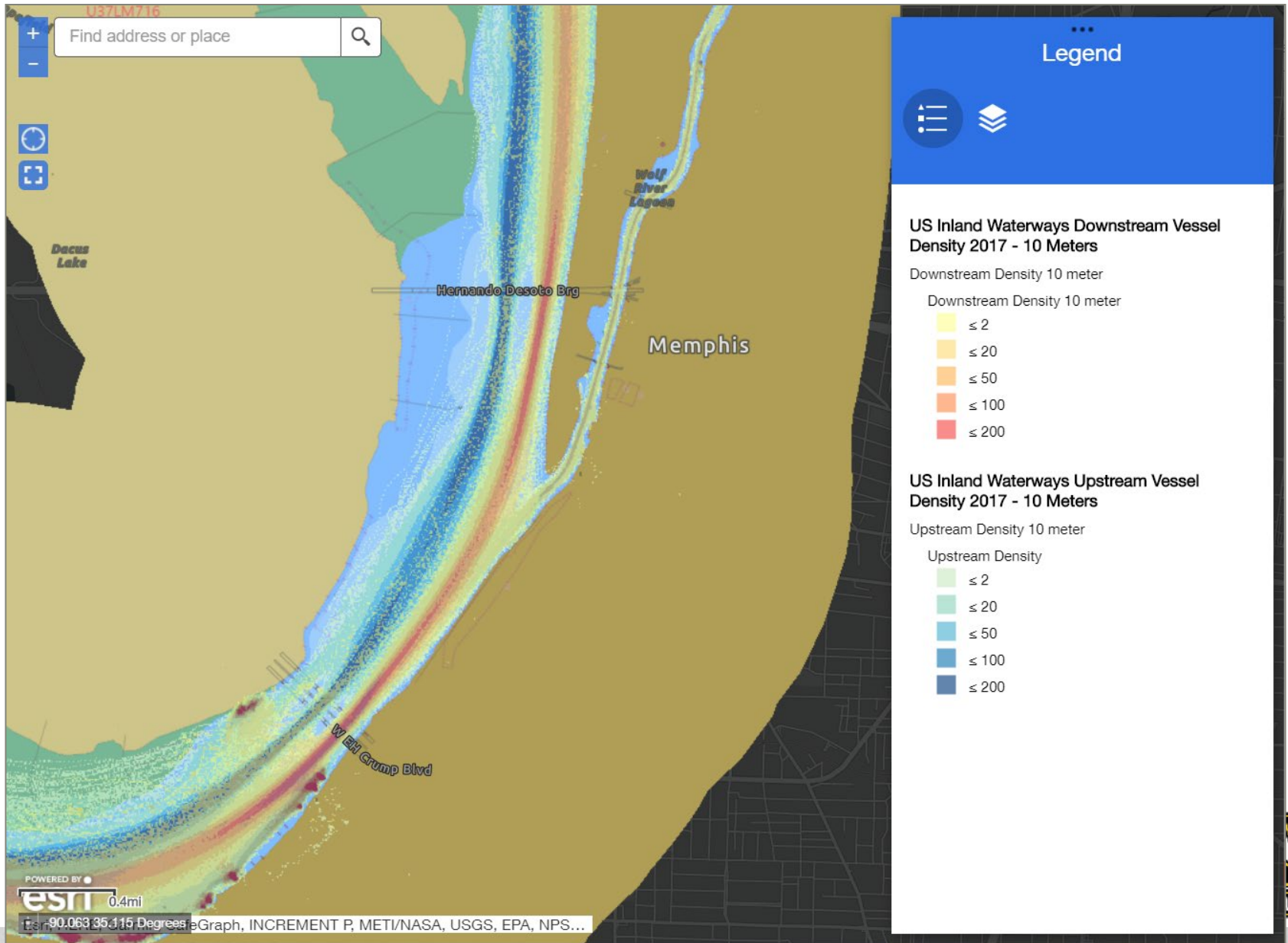
[US Inland Waterways Downstream Vessel Density 2018 - 10 Meters](#)

[US Inland Waterways Vessel Density 2017](#)

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