We've recently made an accessibility improvement to the community and therefore posts without any content are no longer allowed. Please use the spoiler feature or add a short message in the message body in order to submit your weekly challenge.

2022-05-26 Updates: Email: If you're not seeing emails be delivered from the Community, please check your spam and mark the Community emails as not junk. Thank you for your patience.

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Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

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IDEAS WANTED

We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!

SUBMIT FEEDBACK

Challenge #228: Know Your Boundaries

AYXAcademy
Alteryx

A solution to last week's challenge can be found here.

The Mississippi River, also known as the Mighty Mississippi, is the 4th longest river in the world and the largest in North America. The river has always played an important role in the societies that inhabit the surrounding lands by supporting trade, serving as a method of transportation, and draining much of the eastern portion of North America for thousands of years. The river has even been central in the arts, taking prominent roles in the writings of Mark Twain and the musical Show Boat.

The river also serves as a boundary marking portions of the borders between 10 US States. For this week's challenge, use the state shapefiles to create an approximation of the Mississippi River where it forms boundaries between states. The final output should run from the supplied Start point to the End point.

Source: https://www.nps.gov/miss/riverfacts.htm

challenge_228_start_file.yxzp

challenge_228_solution.yxzp

Difficult | Join | Preparation | Spatial | Spatial Analysis | Transform

Share | 12 LIKES | Reply

Aaron_Harter
11 - Bolide

Problem solving with the spatial tools is a great way to start the week!

Spoiler

(edit 8/10 11:52 CT) video of solution overview:

Spoiler

challenge_228_AB Data_Aaron.yxzp

Share | 5 LIKES | Reply

Blake
12 - Quasar

What did the ocean say to the river?

Spoiler

challenge_228_start_file_BH.yxzp

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dsmdavid
11 - Bolide

Interesting challenge. Kind of works, provided you don't look too close at the border.

Spoiler

david_228.yxmd

Share 3 LIKES Reply

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johnemery
10 - Fireball

I spent more time than I usually would on this challenge. I got a "solution" a few different ways, but was never fully satisfied with them: too many tools, gaps in the line, etc.

I am happy with this solution: relatively few tools, easy to understand, and (as far as I can tell) it creates a smooth, continuous Mississippi River line.

Spoiler

View my solution video here:

Spoiler

Challenge 228 Solution jemery.yxmd

Share 3 LIKES Reply

Kenda
15 - Aurora

Spoiler

challenge_228_start_file.yxmd

Share 2 LIKES Reply

PhilipMannering
15 - Aurora

Solution attached

Spoiler

Challenge 228 - Know Your Boundaries.yxmd

Share 9 LIKES Reply

OllieClarke
14 - Magnetar

I really enjoyed this one 🙂 Looking forward to see how everyone else did it

Spoiler

Challenge_228_OC_solution.yxzp

Share 2 LIKES Reply

OllieClarke
14 - Magnetar

@PhilipMannering This is inspired 👏👏👏

Share 2 LIKES Reply

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phottovy
12 - Quasar

Like most spatial challenges, I'm sure there is a simpler way. My solution:

Spoiler

challenge_228_ph_solution.yxzp

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