



The Underground Railroad

from the Esri GeoInquiries™ collection for U.S. History

Target audience – U.S. History learner

Time required – 15 minutes

Activity Explore the network of places and routes that made up the Underground Railroad.

Social Studies Standards
C3: D2.His.1.9-12. Evaluate how historical events and developments were shaped by unique circumstances of time and place as well as broader historical contexts.
C3: D2.His.3.9-12. Use questions generated about individuals and groups to assess how the significance of their actions changes over time and is shaped by the historical context.

Learning Outcomes
• Students will identify locations that were enslaved and free in the United States in 1850.
• Students will explain the role of distance, location, and networks with the Underground Railroad.

Map URL: <http://esriurl.com/historygeo inquiry5>

Ask

Where was slavery practiced in the United States in 1850?

- Click the link above to launch the map.
- With the Details button underlined, click the button Show Legend.
- ?
- Which states allowed slavery? Which did not? *[Southern states allowed slavery; Northern states did not.]*
- ?
- Which areas were the most enslaved? *[The Mississippi River counties and coastal South Carolina were the most enslaved.]*
- ?
- What factors influenced these areas being mostly enslaved? *[Distance to free states, the Mississippi River, climate, plantations, and coastal lowlands]*

Acquire

Where did the big river meet the little river?

- Click the button, Show Contents of Map.
- Click the button, Bookmarks. Select Underground Railroad.
- Turn on the layer, Map Notes. Open and read the Map Note located in Northern Michigan
- ?
- Why did rivers make good escape routes? *[Easy to follow north, provided hiding areas, and covered scents.]*
- ?
- Which rivers do you think are the big river and little river? *[Answers will vary.]*
- Filter the US Rivers layer so that FOLLOW is set to YES (see ToolTip on page 2).
- ?
- Why was this intersection a key destination? *[It bordered slave and free states and had long, wide rivers.]*
- Remove the filter.

Explore

Where were the Underground Railroad stations located?

- Turn on the Notable Underground Railroad Stations layer.
- ?
- What patterns do you notice about the station locations? *[They are located in northern cities, along the Ohio River, the Great Lakes, and Canada.]*
- ?
- Which stations were located farthest north? *[Towns in Canada were farthest north.]*
- Click the two purple stations.
- ?
- What types of stations were these, and what does this reveal about the Underground Railroad? *[Both were slave jails, illustrating the risk of being captured and returned to slavery.]*

more ►



Analyze

How did runaway slaves travel to freedom?

- Turn on the layer, Routes.
- ? What patterns do you notice about these networks? *[Ohio River was a popular starting point; routes were more numerous in Ohio and become dispersed farther west.]*
- Turn off the layer, Stations.
- Turn on the layer, Windsor.
- Use the Measure tool to answer the questions below.
- ? Most runaway slaves came from border states. Why? *[They came because of distance.]*
- ? How far is the Ohio River from Windsor? *[It is 220-420 miles.]*
- ? How far is the Ohio River from the mouth of the Mississippi River? *[It is 580-620 miles.]*
- ? How far is Windsor from the mouth of the Mississippi River? *[It is 1,100+ miles.]*
- ? Besides distance, what other factors made escaping the Deep South difficult? *[From your previous studies you may have noted that the area was mostly enslaved, there was a lack of cities, and there were difficult climate conditions.]*



Act

Why was the Fugitive Slave Act of 1850 passed?

- The Fugitive Slave Act of 1850 made it a crime in the United States to assist runaway slaves.
- ? How did the Underground Railroad contribute to Southern lawmakers calling for a stricter fugitive slave law? *[Slave owners who were losing “property” wanted a law to deter people from helping fugitive slaves.]*
- ? What impact did the stricter Fugitive Slave Act have on the Underground Railroad? *[It became more risky to help runaway slaves; the only safe destination was Canada; it rallied abolitionists.]*

MEASURE

- Choose the Line or Area Measure tool.
- Set the distance units.
- Click and drag your pointer to calculate the distance of a line.

FILTER

- Filter only available for certain map layers.
- With the Details button underlined, hover over a layer name.
- Click Filter button.
- Set Filter parameters.

Next Steps

DID YOU KNOW?

ArcGIS Online is a mapping platform freely available to public, private, and home schools. A school subscription provides additional security, privacy, and content features. Learn more about ArcGIS Online and how to get a school subscription at <http://www.esri.com/schools>.

THEN TRY THIS...

- Create a hot spot map to show where the highest concentration of Underground Railroad stations and routes was located.
- Use the ArcGIS Story Map Journal template to research and present an Underground Railroad story about a town, a network, or a person.



TEXT REFERENCES

This GIS map has been cross-referenced to material in sections of chapters from these texts.

- *The Americans* by McDougal Littell — Chapter 10
- *History Alive! The United States* by TCI — Chapter 19