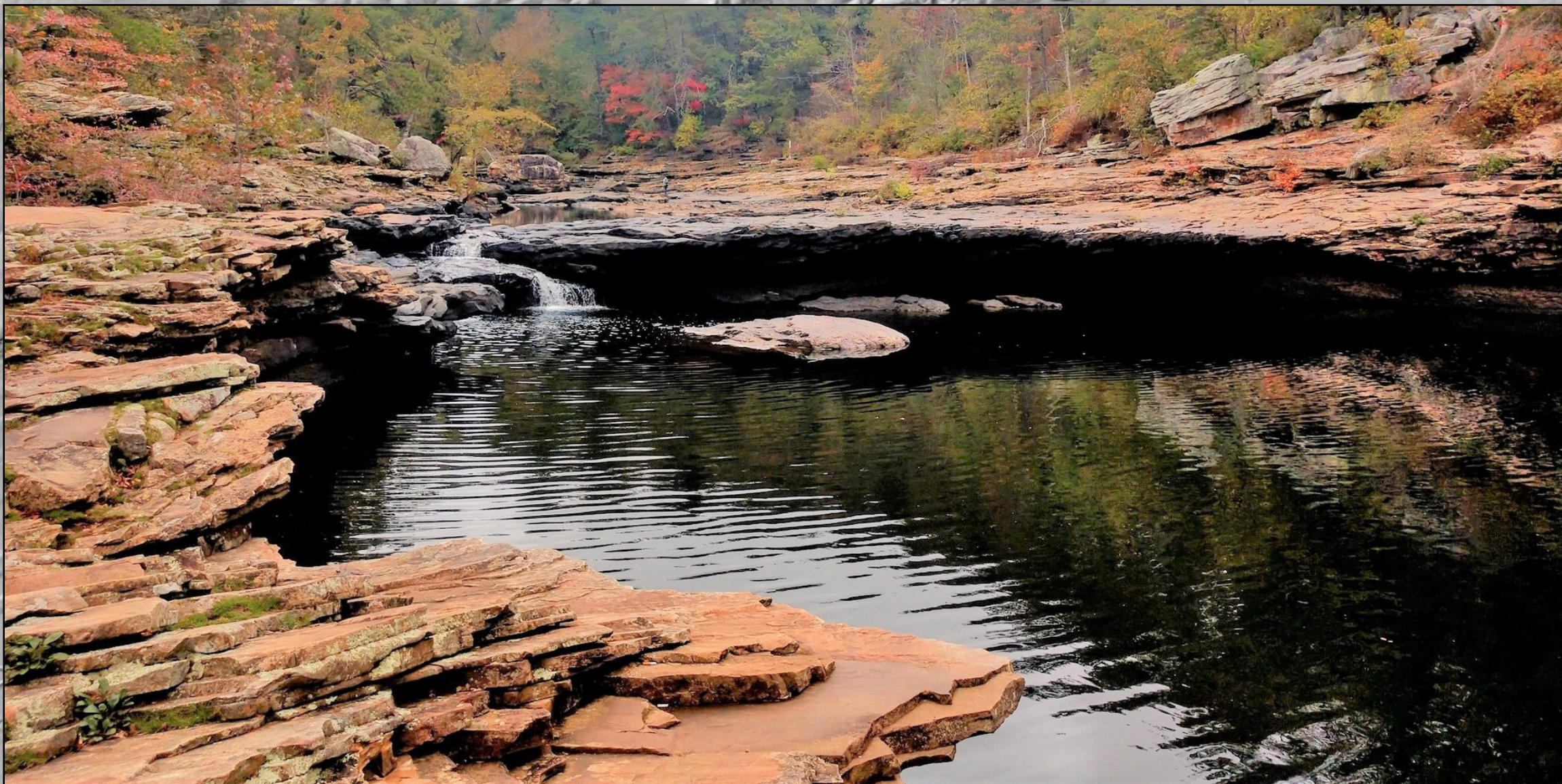
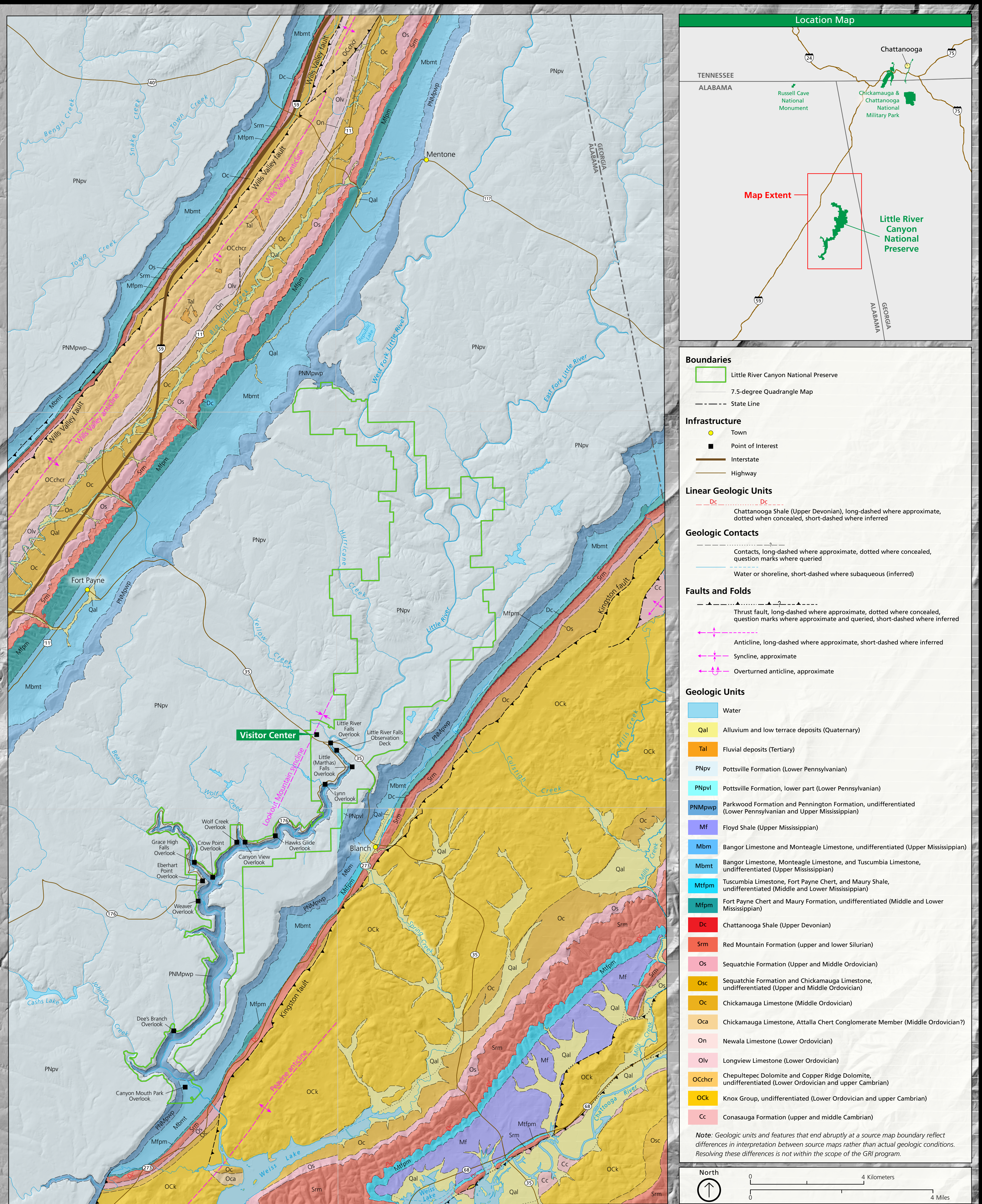


Alabama

**Geologic Resources Inventory
Natural Resource Stewardship and Science**



Located downstream from Little River Falls, Little River at Little (Marthas) Falls flows over sandstone layers in the Parkwood and Pennington Formations, undivided (PNMpw). Bedrock in this area is finely laminated and breaks into slabs along bedding planes. NPS photograph

This map displays geologic map data compiled by the National Park Service Geologic Resources Inventory. It is not a substitute for site-specific investigations.

Source Maps:

Cook, B., G. D. Irvin, and W. E. Osborne. 2019. Geologic map of the Gaylesville 7.5' quadrangle, Cherokee County, Alabama (scale 1:24,000). Unpublished STATEMAP. Geological Survey of Alabama, Tuscaloosa, Alabama.

Irvin, G. D., W. E. Osborne, and D. E. Raymond. 2018a. Geologic map of the Fort Payne 7.5' quadrangle, DeKalb and Cherokee Counties, Alabama, and Chattanooga and Walker Counties, Georgia, plate 3 (scale 1:24,000). Open-File Report 1805. Geological Survey of Alabama, Tuscaloosa, Alabama.

Irvin, G. D., W. E. Osborne, and D. E. Raymond. 2018b. Geologic map of the Valley Head 7.5' quadrangle, DeKalb and Cherokee Counties, Alabama, and Chattanooga and Walker Counties, Georgia, plate 2 (scale 1:24,000). Open-File Report 1805. Geological Survey of Alabama, Tuscaloosa, Alabama.

Irvin, G. D., W. E. Osborne, D. E. Raymond, and W. E. Ward II. 2018c. Geologic map of the Dugout Valley 7.5' quadrangle, DeKalb County, Alabama, plate 1 (scale 1:24,000). Open-File Report 1805. Geological Survey of Alabama, Tuscaloosa, Alabama.

Ma, C., and M. Steltenpohl. 2018a. Bedrock geologic map of the Jamestown 7.5' quadrangle, DeKalb and Cherokee Counties, Alabama, and Chattanooga and Walker Counties, Georgia, plate 4 (scale 1:24,000). Open-File Report 1805. Auburn University, Auburn, Alabama, and Geological Survey of Alabama, Tuscaloosa, Alabama.

Ma, C., and M. Steltenpohl. 2018b. Bedrock geologic map of the Little River 7.5' quadrangle, DeKalb and Cherokee Counties, Alabama, plate 5 (scale 1:24,000). Open-File Report 1805. Auburn University, Auburn, Alabama, and Geological Survey of Alabama, Tuscaloosa, Alabama.

Source Scale:

1:24,000. According to US National Map Accuracy Standards, features are within 12 m (40 ft) of their true location.

Poster Layout:

Thom Curdts, Lucas Chappell, and Kaisa Holland-Goon (Colorado State University)

Poster Date: September 2022

All Geologic Resources Inventory geologic map data and publications are available at <https://go.nps.gov/gripubs>.