Geologic Map of Fort Donelson National Battlefield

Kentucky and Tennessee

National Park Service
U.S. Department of the Interior

Geologic Resources Inventory
Natural Resource Stewardship and Science

Fort Heiman Unit

area of detail below

KENTUCKY LAKE

KENTUCKY

TENNESSEE

Cumberland River

Main Unit

area of detail below

Dover

North 0 2 Kilometers 0 2 Miles

NPS Boundary

Solid green where Fee Ownership Boundary, dashed where Legislative Boundary

Infrastructure

City

Roads

Faults

Dashed where approximate, dotted where concealed; D-downthrown block, U-upthrown block

Normal fault

Unknown offset/displacement

Geologic Contacts

Solid where known or certain, dashed where approximate, dotted where concealed

Geologic unit contact

Map boundary

Water or shoreline

Geologic Units

	Water
Qal	Alluvium (Quaternary)
Ql	Loess (Quaternary)
QTc	Continental deposits (Quaternary-Tertiary)
QTal	High-level alluvial deposits (Quaternary-Tertiary)
TKcm	Clayton and McNairy Formations (Tertiary-Upper Cretaceous)
Km	McNairy Formation (Upper Cretaceous)
Kt	Tuscaloosa Gravel (Cretaceous)
Msl	St. Louis Limestone (Mississippian)
Mw	Warsaw Limestone (Mississippian)
Mfp	Fort Payne Formation (Mississippian)

Fort Heiman Unit

North 0 0.5 Kilometers 0 0.5 Miles

KENTUCKY

TENNESSEE

Dover Hotel: Surrender House. NPS Photograph.



Main Unit

HICKMAN CREEK

LAKE BARKLEY (historic Cumberland River)

INDIAN CREEK

Donelson Parkway

DOVER

Lower River Battery

River Batteries

Upper River Battery

Log Huts

Fort Donelson

Dover Hotel (Surrender House)

Fort Donelson National Cemetery

Smith's Attack

Confederate Monument

Union Camp

Visitor Center

Poster's Battery

Graves' Battery

Forge Road

French's Battery

Manney's Battery

North 0 1 Kilometers 0 1 Miles

Confederate earthworks

Confederate earthworks that no longer exist

Tour stop

Tour route

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

Blade, L. V. 1966. Geologic map of parts of the Hamlin and Paris Landing quadrangles, western Kentucky (scale 1:24,000). Geologic Quadrangle Map GQ-498. US Geological Survey, Reston, Virginia.

Marcher, M.V. and L.T. Larson. 1965. Geologic map and mineral resources summary of the Bumpus Mills Quadrangle (including the Tennessee portion of the Johnson Hollow Quadrangle, Kentucky-Tennessee) (scale 1:24,000). Geologic Quadrangle Map 28 SE. Tennessee Division of Geology, Nashville, Tennessee.

Marcher, M.V., L.T. Larson, and R.H. Barnes. 1965. Geologic map and mineral resources summary of the Dover Quadrangle (scale 1:24,000). Geologic Quadrangle Map 29 NE. Tennessee Division of Geology, Nashville, Tennessee.

Marcher, M.V., L.T Larson, R.H. and Barnes. 1965. Geologic map and mineral resources summary of the Standing Rock Quadrangle (scale 1:24,000). Geologic Quadrangle Map 29 NW. Tennessee Division of Geology, Nashville, Tennessee.

Marcher, M. V., R. H. Barnes, L. T. Larson, and R. E. Hershey. 1967. Geologic map and mineral resources summary of the Tharpe Quadrangle (including Tennessee portions of the Model, Rushing Creek and Hamlin Quadrangles, Kentucky-Tennessee) (scale 1:24,000). Geologic Quadrangle Map 28 SW. Tennessee Division of Geology, Nashville, Tennessee.

Tyra, M.A. 2002. Spatial database of the Hamlin and Paris Landing Quadrangles, western Kentucky. (scale 1:24,000). Digitally Vectorized Geological Quadrangle DVGQ-12_498. Kentucky Geological Survey, Lexington, Kentucky.

Poster Layout
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Source Map Dates
1965, 1966, 1967, and 2002

Source Scale 1:24,000

According to US National Map accuracy standards, features are within 12 m (40 ft) of their true location.

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