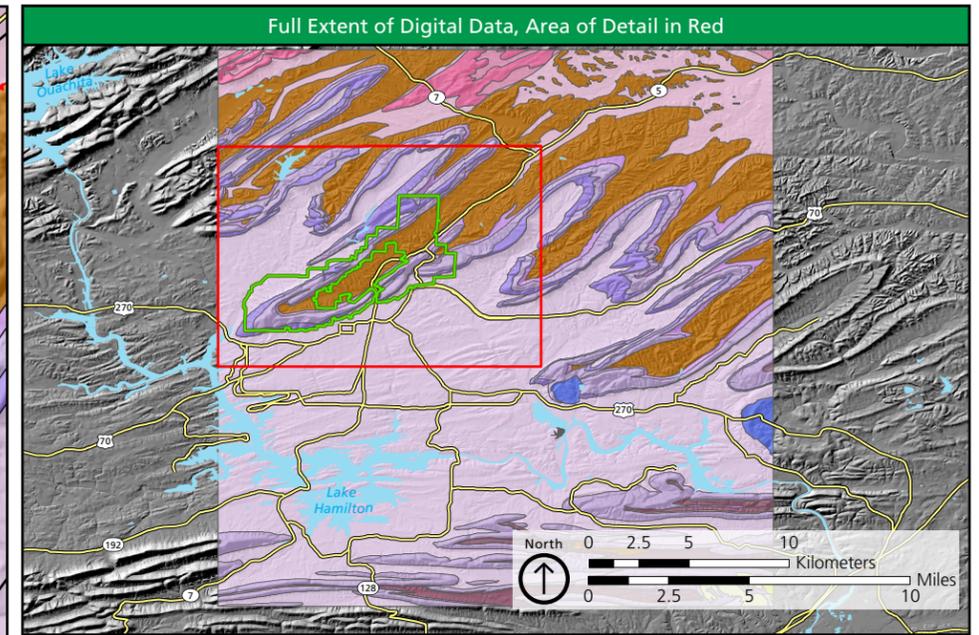
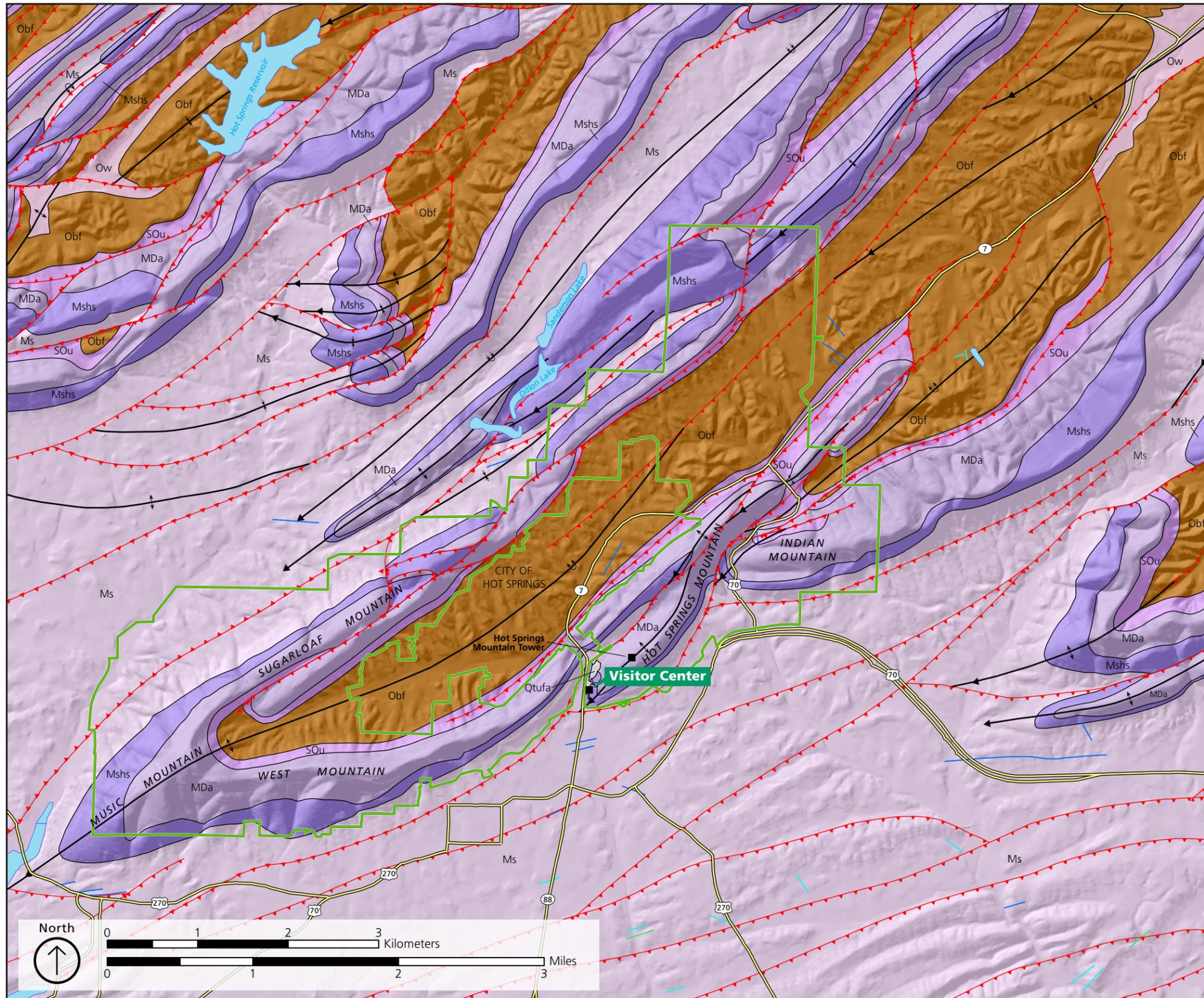




Geologic Map of Hot Springs National Park, Arkansas



- NPS Boundary**
▭ NPS Boundary
- Infrastructure**
■ Points of Interest
— Roads
- Folds**
↕ anticline, known or certain
↕ syncline, known or certain
↕ overturned anticline, known or certain
↕ overturned syncline, known or certain
↕ plunging fold, known or certain
- Faults**
— thrust fault, known or certain
— overturned thrust fault, known or certain
— tear fault, known or certain
- Linear Dikes**
— Kia - Igneous rocks, alkalic dike, known or certain
— Kil - Igneous rocks, lamprophyric dike, known or certain
— Kid - Igneous rocks, undifferentiated dike, known or certain
— Kis - Igneous rocks, undifferentiated sill, known or certain
- Geologic Contacts**
— known or certain
- Geologic Units**
▭ Qtufa Tufa
▭ Qal Alluvium
▭ Qt Terrace deposit
▭ Ki Igneous rocks, undivided
▭ Ms Stanley Shale
▭ Mshs Stanley Shale, Hot Springs Sandstone Member
▭ MDa Arkansas Novaculite
▭ SOu Missouri Mountain Shale-Polk Creek Shale
▭ Sm Missouri Mountain Shale
▭ Sb Blaylock Sandstone
▭ Opc Polk Creek Shale
▭ Obf Bigfork Chert
▭ Ow Womble Shale
▭ Ob Blakely Sandstone
▭ Om Mazarrn Shale

This map is an overview of compiled geologic data prepared as part of the NPS Geologic Resources Inventory. It is not a substitute for site-specific investigations.

The source map used in creation of the digital geologic data was:
 Johnson, T. C., and William D. H. 2011. Geologic Map of the Hot Springs North, Hot Springs South, Fountain Lake and Lake Catherine 7.5' Quadrangles, Garland, Hot Spring and Saline Counties, Arkansas (1:24,000 scale). DGM-HSR-003 unpublished. Arkansas Geological Survey.

As per source map scale and U.S. National Map Accuracy Standards, geologic features represented here are within 12 m (40 ft) of their true location.

All digital geologic data and publications prepared as part of the Geologic Resources Inventory are available at the NPS Integrated Resource Management Applications Portal (IRMA): <https://irma.nps.gov/App/Reference/Search>. Enter "GRI" as the search text and select a park from the unit list.