

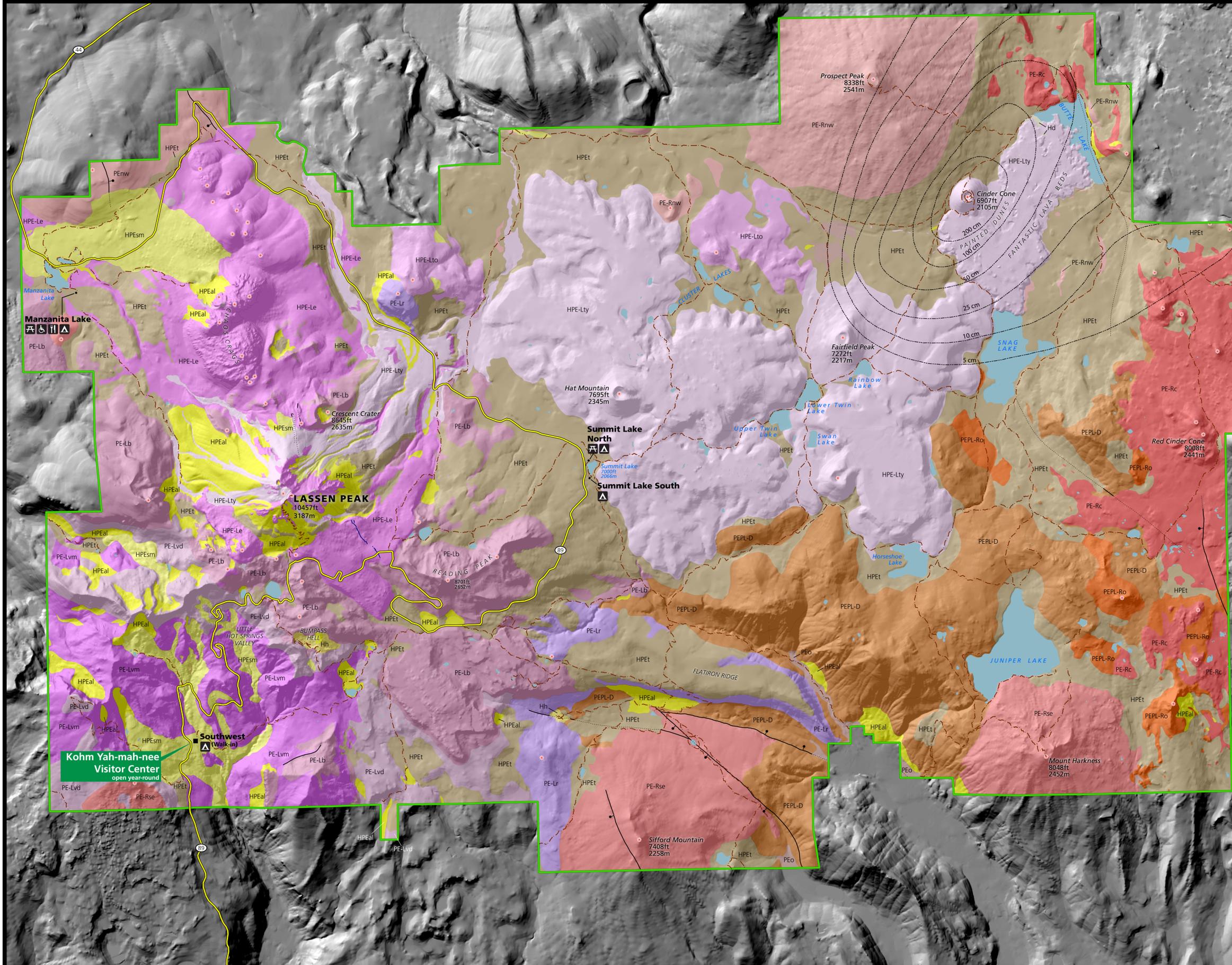
Simplified Geologic Map of Lassen Volcanic National Park

California

National Park Service
U.S. Department of the Interior



Geologic Resources Inventory



NPS Boundary
 NPS Boundary

Infrastructure
 campgrounds
 buildings
 trails
 roads

Volcanic Point Features
 vent

Faults
 normal fault, known or certain
 bar and ball on downthrown block
 normal fault, concealed
 bar and ball on downthrown block

Volcanic Line Features
 non-eruptive fissure, known or certain

Ash from Cinder Cone, Isopachs
 approximate

Surficial Units
 water
 HPEal Alluvium, talus, and colluvium
 HPEsm Slope-movement deposits
 Hh Hydrothermal deposits
 HPet Glacial deposits, till
 PEo Glacial deposits, outwash
 Hd Diatomite

Lassen Volcanic Center
 HPE-Lty Twin Lakes sequence, younger
 HPE-Le Eagle Peak sequence
 HPE-Lto Twin Lakes sequence, older
 PE-Lb Bumpass sequence
 PE-Lvd Brokeoff Volcano, Diller sequence
 PE-Lvm Brokeoff Volcano, Mill Canyon sequence
 PE-Lr Rockland caldera complex

Regional Volcanic Rocks
 PE-Rnw north and west of Lassen volcanic center
 PE-Rse south and east of Lassen volcanic center
 PE-Rc Caribou volcanic field
 PEPL-Ro Older regional volcanic rocks of the Caribou area
 PEPL-D Dittmar volcanic center

NOTE:
This simplified map displays grouped geologic units which have been clipped to the park boundary. Refer to "lavo_geology.pdf" for a list and description of all units in the GRI GIS data.

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 maps used in creation of the digital geologic data were:
 Clynne, M.A., and Muffer, L.J.P. Geologic Map of Lassen Volcanic National Park and vicinity, California (scale 1:50,000). Scientific Investigations Map SIM-2899. U.S. Geological Survey, Washington, DC.
 Muffer, L.J.P., Robinson, J.E., Felgar, J.J., Dutton, D.R., and Clynne, M.A., 2010. Database for the Geologic Map of Lassen Volcanic National Park and vicinity, California in Clynne, M.A., and Muffer, L.J.P. 2010. Geologic map of Lassen Volcanic National Park and vicinity, California (scale 1:24,000). Scientific Investigations Map SIM-2899. U.S. Geological Survey, Washington, DC.

As per source map scale and U.S. National Map Accuracy Standards, geologic features represented here are within 25 m (83 ft) (1:50,000 scale data) or 12 m (40 ft) (1:24,000 scale data) 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/ReferenceSearch>. Enter "GRI" as the search text and select a park from the unit list.

