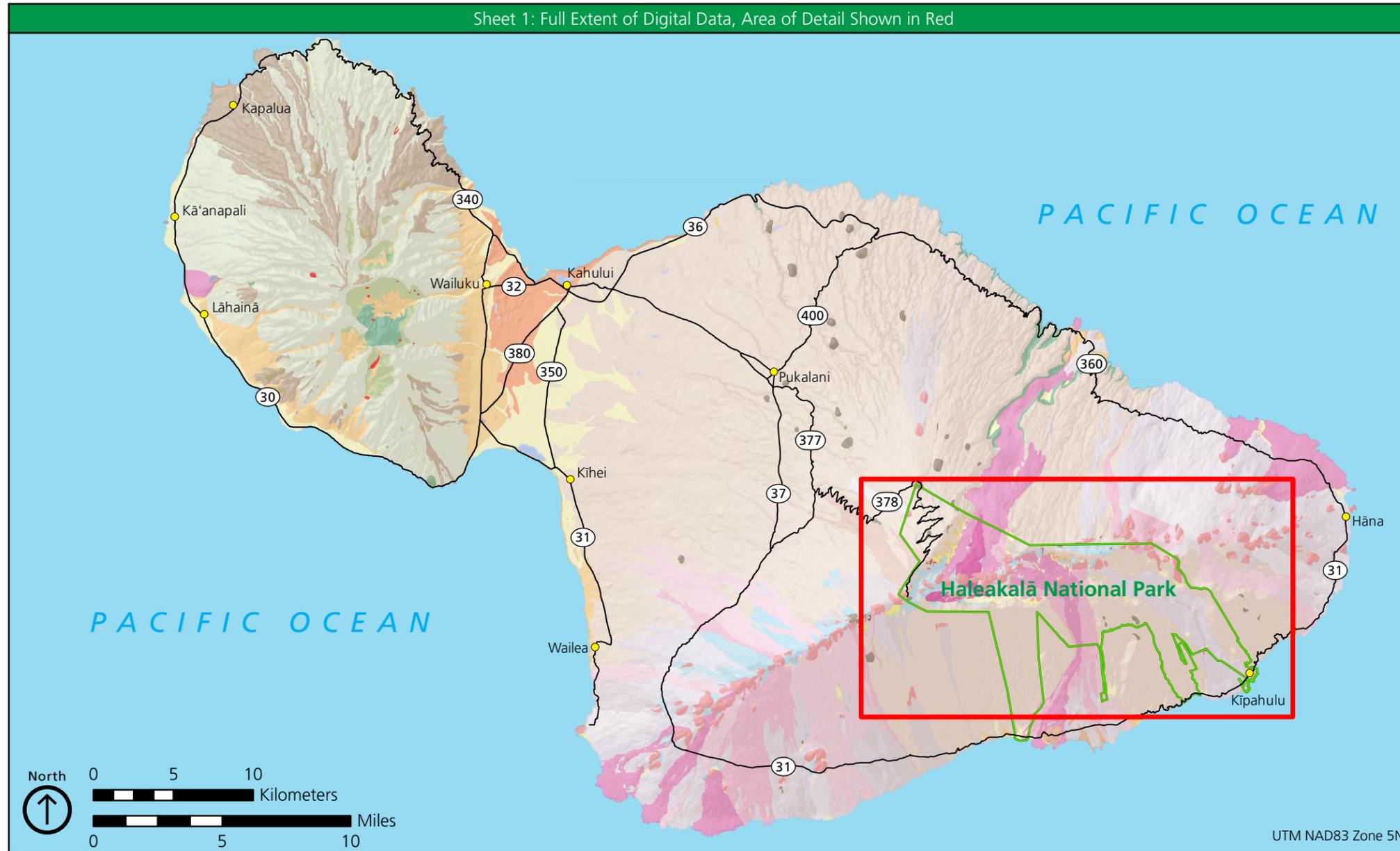




Overview of Digital Geologic Data for Haleakalā NP

Sheet 1: Full Extent of Digital Data, Area of Detail Shown in Red



NPS Boundary



Faults

- normal fault, known or certain
- - normal fault, approximate
- normal fault, concealed

Linear Dikes

- Qhni - Hana Volcanics; intrusion
- Qkui - Kula Volcanics; intrusive plugs

Geologic Contacts

- known or certain
- - - - approximate
- water or shoreline
- ? scratch boundary

Geologic Units

- Qa - Alluvium
- Qbd - Beach deposits
- Qtc - Talus and colluvium
- QTao - Older alluvium
- Qhn6 - Hana Volcanics; lava flows
- Qhmv6 - Hana Volcanics; vent deposits
- Qhn5 - Hana Volcanics; lava flows
- Qhmv5 - Hana Volcanics; vent deposits
- Qhn4 - Hana Volcanics; lava flows
- Qhmv4 - Hana Volcanics; vent deposits
- Qhn3 - Hana Volcanics; lava flows
- Qhmv3 - Hana Volcanics; vent deposits
- Qhn2 - Hana Volcanics; lava flows
- Qhmv2 - Hana Volcanics; vent deposits
- Qhn1 - Hana Volcanics; lava flows
- Qhmv1 - Hana Volcanics; basanite of 5635-ft cone, cinder spatter and agglutinate
- Qhn0 - Hana Volcanics; lava flows
- Qhmv0 - Hana Volcanics; vent deposits
- Qhnt - Hana Volcanics; tephra poorly to nonindurated
- Qhni - Hana Volcanics; intrusion
- Qhne - Hana Volcanics; explosion crater deposits
- Qkul - Kula Volcanics; lava flows
- Qkuls - Kula Volcanics; ankaramite of Summit House; lava flows
- Qkuk - Kula Volcanics; Kumuiliahi member [name usage abandoned]; lava flows
- Qkuv - Kula Volcanics; vent deposits
- Qkui - Kula Volcanics; intrusive plugs

This figure is an overview of compiled digital geologic data. It is not a substitute for site-specific investigations.

Minor inaccuracies may exist regarding the location of geologic features relative to other geologic or geographic features on the figure. Based on the source map scale (1:100,000) and U.S. National Map Accuracy Standards, geologic features represented here are within 50 meters / 166 feet (horizontally) of their true location.

This figure was prepared as part of the NPS Geologic Resources Division's Geologic Resources Inventory. The source map used in creation of the digital geologic data product was:

Sherrod, D. R., Sinton, J. M., Watkins, S. E., and Brunt, K. M. 2007. Geologic Map of the State of Hawaii (scale 1:100,000). Open-File Report 2007-1089, v1.0. U.S. Geological Survey.

Digital geologic data and cross sections for Haleakalā National Park, and all other digital geologic data prepared as part of the Geologic Resources Inventory, are available online at the NPS Natural Resource Information Portal: <https://nrim.nps.gov/Reference.mvc/Search>. (Enter "GRI" as the search text and select Haleakalā National Park from the unit list.)