Overview of Digital Geologic Data for Yosemite National Park

Sheet 4: Glacial Extents of Yosemite Valley

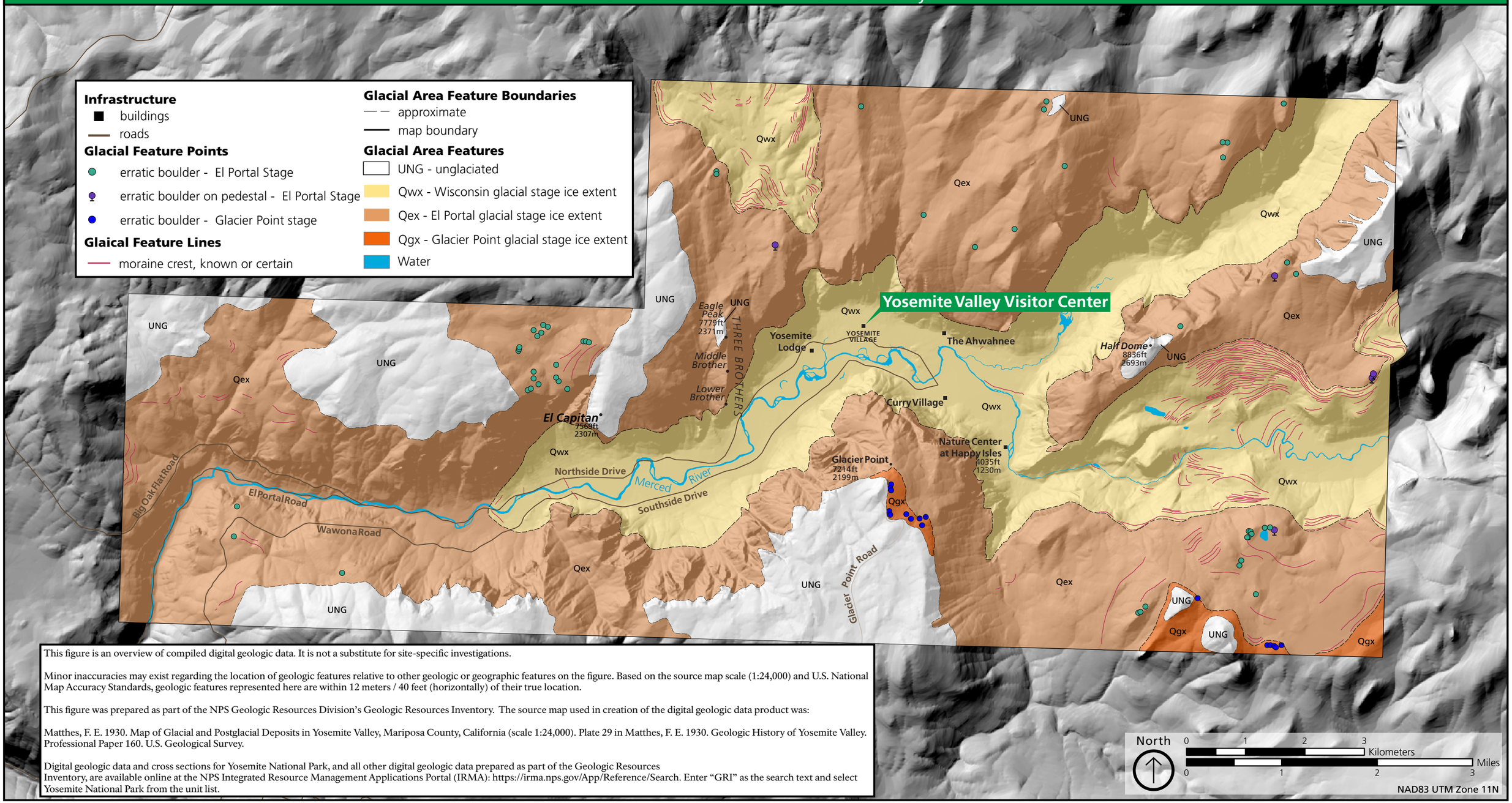
Infrastructure
- buildings
- roads

Glacial Feature Points
- erratic boulder - El Portal Stage
- erratic boulder on pedestal - El Portal Stage
- erratic boulder - Glacier Point stage

Glaical Feature Lines
- moraine crest, known or certain

Glacial Area Feature Boundaries
- approximate
- map boundary

Glacial Area Features
- UNG - unglaciated
- Qwx - Wisconsin glacial stage ice extent
- Qex - El Portal glacial stage ice extent
- Qgx - Glacier Point glacial stage ice extent
- Water



North

0 1 2 3 Kilometers

0 1 2 3 Miles

NAD83 UTM Zone 11N

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 (1:24,000) and U.S. National Map Accuracy Standards, geologic features represented here are within 12 meters / 40 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:

Matthes, F. E. 1930. Map of Glacial and Postglacial Deposits in Yosemite Valley, Mariposa County, California (scale 1:24,000). Plate 29 in Matthes, F. E. 1930. Geologic History of Yosemite Valley. Professional Paper 160. U.S. Geological Survey.

Digital geologic data and cross sections for Yosemite National Park, and all other digital geologic data prepared as part of the Geologic Resources Inventory, are available online at the NPS Integrated Resource Management Applications Portal (IRMA): https://irma.nps.gov/App/Reference/Search. Enter "GRI" as the search text and select Yosemite National Park from the unit list.