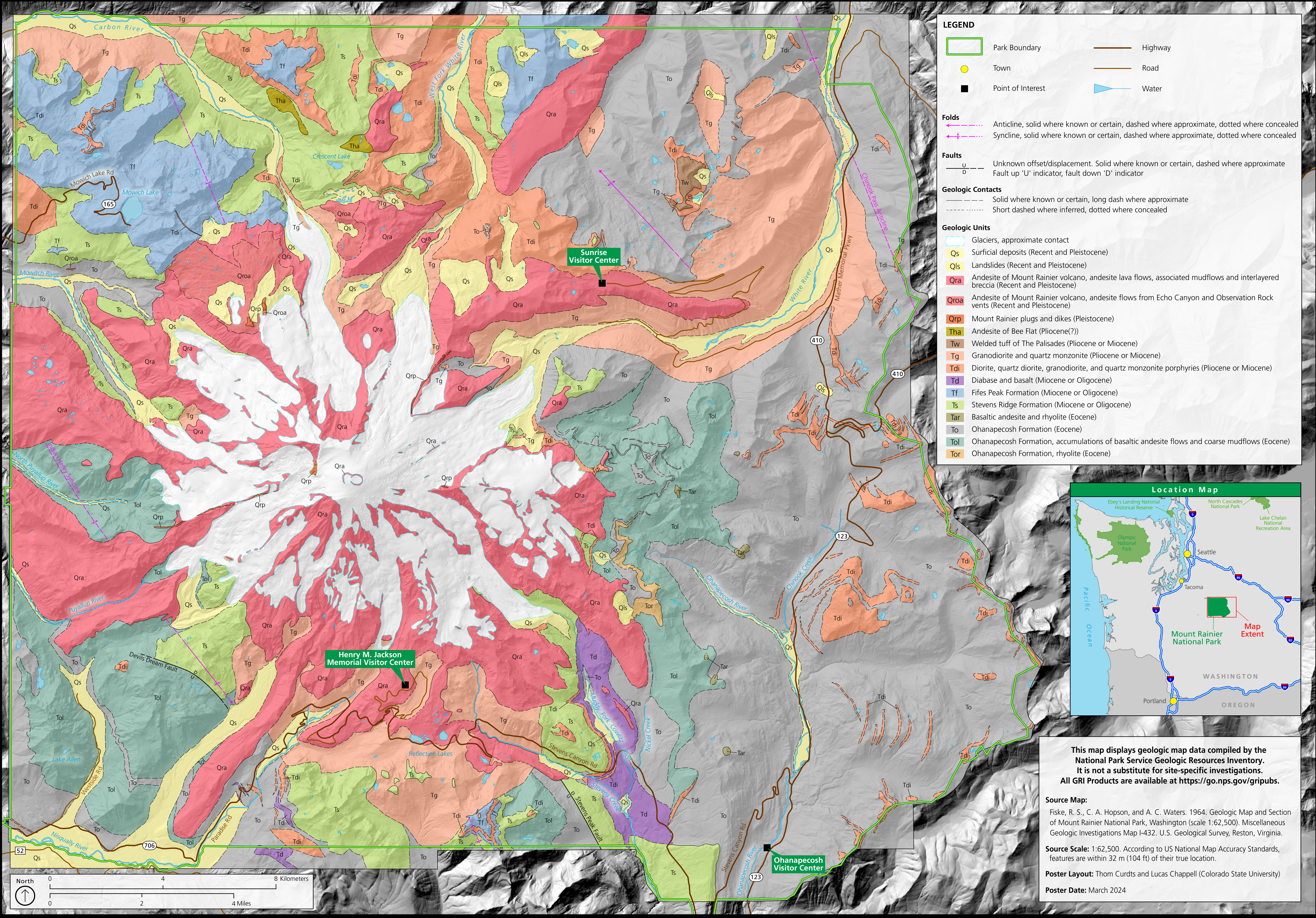


Bedrock Geologic Map of Mount Rainier National Park

Washington

National Park Service
U.S. Department of the Interior

Geologic Resources Inventory
Natural Resource Stewardship and Science



LEGEND

Park Boundary

Town

Point of Interest

Highway

Road

Water

Folds

Anticline, solid where known or certain, dashed where approximate, dotted where concealed

Syncline, solid where known or certain, dashed where approximate, dotted where concealed

Faults

Unknown offset/displacement. Solid where known or certain, dashed where approximate

Fault up 'U' indicator, fault down 'D' indicator

Geologic Contacts

Solid where known or certain, long dash where approximate

Short dashed where inferred, dotted where concealed

Geologic Units

Glaciers, approximate contact

Qs Surficial deposits (Recent and Pleistocene)

Qls Landslides (Recent and Pleistocene)

Qra Andesite of Mount Rainier volcano, andesite lava flows, associated mudflows and interlayered breccia (Recent and Pleistocene)

Qroa Andesite of Mount Rainier volcano, andesite flows from Echo Canyon and Observation Rock vents (Recent and Pleistocene)

Qrp Mount Rainier plugs and dikes (Pleistocene)

Tha Andesite of Bee Flat (Pliocene(?))

Tw Welded tuff of The Palisades (Pliocene or Miocene)

Tg Granodiorite and quartz monzonite (Pliocene or Miocene)

Tdi Diorite, quartz diorite, granodiorite, and quartz monzonite porphyries (Pliocene or Miocene)

Td Diabase and basalt (Miocene or Oligocene)

Tf Fifes Peak Formation (Miocene or Oligocene)

Ts Stevens Ridge Formation (Miocene or Oligocene)

Tar Basaltic andesite and rhyolite (Eocene)

To Ohanapecosh Formation (Eocene)

Tol Ohanapecosh Formation, accumulations of basaltic andesite flows and coarse mudflows (Eocene)

Tor Ohanapecosh Formation, rhyolite (Eocene)



This map displays geologic map data compiled by the National Park Service Geologic Resources Inventory. It is not a substitute for site-specific investigations. All GRI Products are available at <https://go.nps.gov/gripubs>.

Source Map:
Fiske, R. S., C. A. Hopson, and A. C. Waters. 1964. Geologic Map and Section of Mount Rainier National Park, Washington (scale 1:62,500). Miscellaneous Geologic Investigations Map I-432. U.S. Geological Survey, Reston, Virginia.

Source Scale: 1:62,500. According to US National Map Accuracy Standards, features are within 32 m (104 ft) of their true location.

Poster Layout: Thom Curdts and Lucas Chappell (Colorado State University)

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