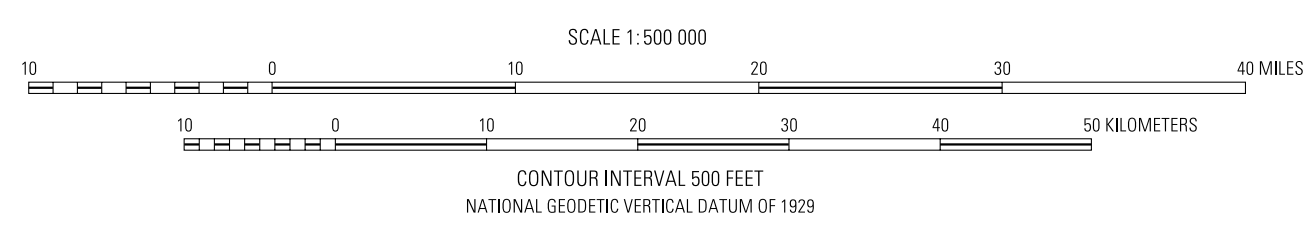
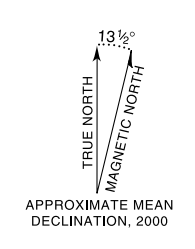


- LIST OF MAP UNITS**
[See text for complete description of map units]
- Qs Surficial deposits (Holocene and Pleistocene)
 - Qp Plateau Rhyolite (Pleistocene)
 - Qby Post-Lava Creek Tuff plateau-marginal basalts (Pleistocene)
 - Qsr Basalts of the Snake River Group (Pleistocene)
 - Qyl Lava Creek Tuff (Pleistocene)
 - Quf Undine Falls Basalt (Pleistocene)
 - Qml Mount Jackson and Lewis Canyon Rhyolites (Pleistocene)
 - QTbo Basalts contemporaneous with first and second volcanic cycles (Pleistocene and Pliocene)
 - Qi Island Park Rhyolite (Pleistocene)
 - Qym Mesa Falls Tuff (Pleistocene)
 - Qbbu Big Bend Ridge Rhyolite, upper flows (Pleistocene)
 - Qbbi Big Bend Ridge Rhyolite, lower flows (Pleistocene)
 - Tyh Huckleberry Ridge Tuff (Pliocene)
 - Tsb Rhyolite of Snake River Butte (Pliocene)
 - Tr Rhyolites, including Conant Creek Tuff and tuff of Kilgore (Pliocene and Miocene)
 - Tb Basalts (Pliocene and Miocene)
 - Ts Sedimentary rocks (Pliocene and Miocene)
 - TpCu Sedimentary, igneous, and metamorphic rocks (Lower Miocene to Precambrian)
- Contact
— Fault—Dotted where concealed; queried where inferred. Bar and ball on down-thrown side

Base from U.S. Geological Survey, 1:500,000 state maps, Idaho, 1964; Montana, 1965; Wyoming, 1964
Lambert projection
Some shorelines shown on this base map may not coincide with map-unit boundaries, which were captured from scanned and vectorized linework



Map compiled by R.L. Christiansen from plates 1 and 2, reconnaissance mapping by Christiansen, and the following additional sources: Bush (1968), Chadwick (1969; written commun., 1971), Fraser and others (1969), Hadley (1969a,b), Hall (1961), Jobin and Schroeder (1964a,b), Jobin and Soister (1964), Love (1956d, 1973), Love and Albee (1972), Love and others (1973), Pampeyan and others (1967), Prostka and Hackman (1974), Reed and others (1972), Ruppel (1972), Schroeder (1969, 1972), Staatz and Albee (1966), Stearns and others (1939), U.S. Geological Survey (1964, pl. 1), Wilson (1934), and Witkind (1969, 1972)
Edited by Julia Thomas; digital cartography by Richard Koch, with assistance from Susan Mayfield, Taryn A. Lindquist, and Kathy Nimz

UPPER CENOZOIC GEOLOGIC MAP, YELLOWSTONE PLATEAU VOLCANIC FIELD

By
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