



## Water-Chemistry Data for Selected Hot Springs, Geysers, and Streams in Yellowstone National Park, Wyoming, 2001-2002: USGS Open-File Report 2004-1316 (Paperback)

By R Blaine McCleskey

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Water analyses are reported for one-hundred-twenty-one samples collected from hot springs and their overflow drainages, the Gibbon River, and one ambient-temperature acid stream in Yellowstone National Park (YNP) during 2001-2002. Twenty-five analyses are reported for samples collected during May 2001, fifty analyses are reported for samples collected during September 2001, eleven analyses are reported for samples collected during October 2001, and thirty-five analyses are reported for samples collected during June and July 2002. Water samples were collected and analyzed for major and trace constituents from nine areas of YNP including Norris Geyser Basin, Nymph Lake and Roadside Springs, Lower Geyser Basin, Washburn Springs, Calcite Springs, Crater Hills, Mammoth Hot Springs, West Thumb Geyser Basin, and Brimstone Basin. These water samples were collected and analyzed as part of research investigations in YNP on arsenic redox distribution in hot springs and overflow drainages, the occurrence and distribution of dissolved mercury, and sulfur redox speciation. Most samples were analyzed for major cations and anions, trace metals, and iron, arsenic, nitrogen, and sulfur redox species. Only mercury concentration, pH, and specific conductance...

### Reviews

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