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Analytical results and other information for 415 water samples  
collected from wells, springs, and streams

1976-1987

Pima, Pinal, and Maricopa Counties, Arizona

By

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Open-File Report 95-546

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Water samples were collected from wells, streams, and springs by USGS Geologic Division personnel during the course of geologic field studies in south-central Arizona. The samples were analyzed by USGS Branch of Geochemistry laboratories in Lakewood, Colorado. This database contains analytical data and collection information for the samples. The methods, data, and documentation have been reviewed by peers within the Branch of Geochemistry. The accompanying ASCII text file, EXPLAIN.DOC, presents background information, sampling techniques, and references; it also describes the digital data files and explains how to access them.

## ABSTRACT

Analytical data, collection data, and other information for 415 water samples collected from 350 sites in southern Arizona are presented in digital format. The samples are almost all from shallow wells, deep irrigation wells, springs, and small streams. Data are presented for Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cs, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Rb, Sr, U, Zn, sulfate, chloride, fluoride, nitrate, dissolved silica, nitrite, ammonium, phosphate, bromide, alkalinity, pH, temperature, and specific conductance. Most of the data were released previously as hard-copy open-file reports, but this report is the first release for some of the data. The digital data are in dBASE III format and are compressed in self-extracting files.

