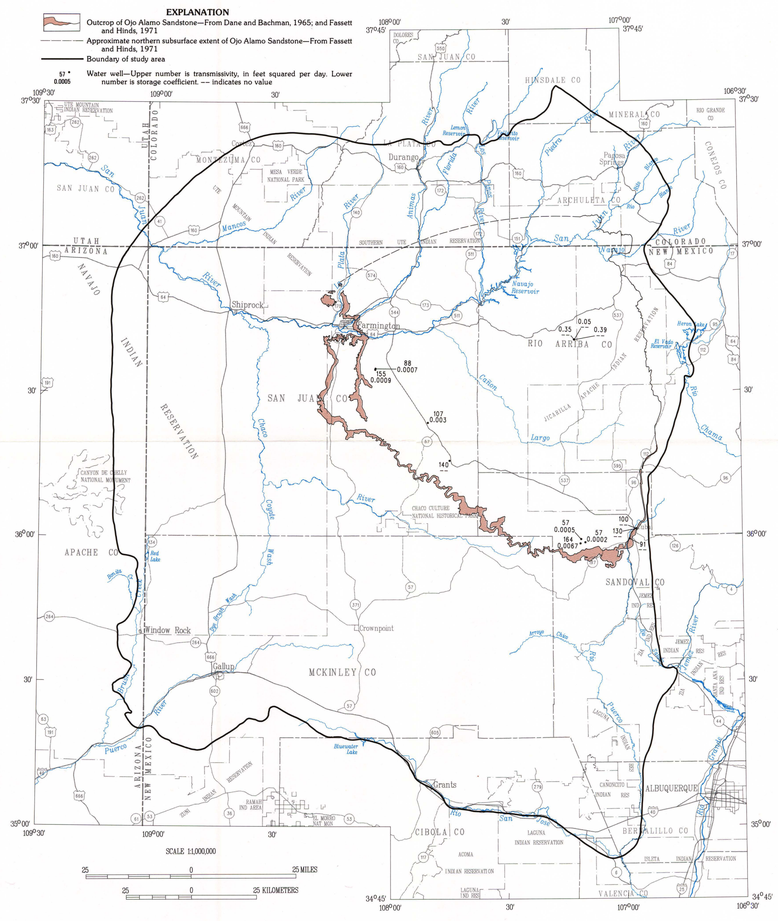


Figure 8. Values of transmissivity and storage coefficient at selected water wells in the Ojo Alamo Sandstone.

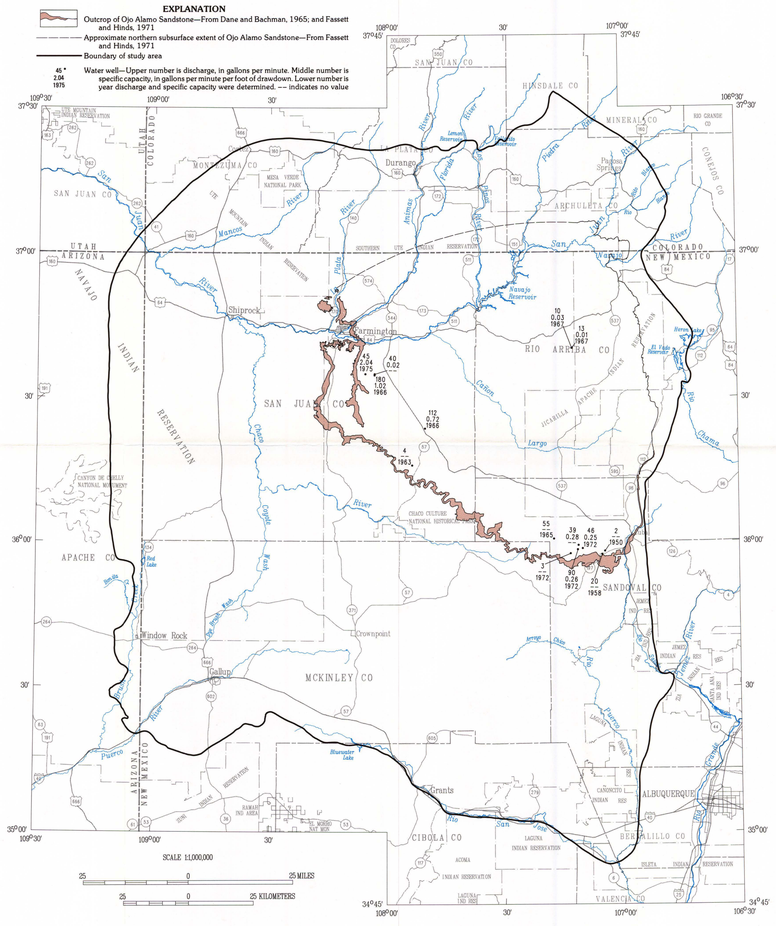


Figure 9. Discharge and specific capacity of selected water wells completed in the Ojo Alamo Sandstone.

Table 1. *Selected properties of and constituents in water from the Ojo Alamo Sandstone*

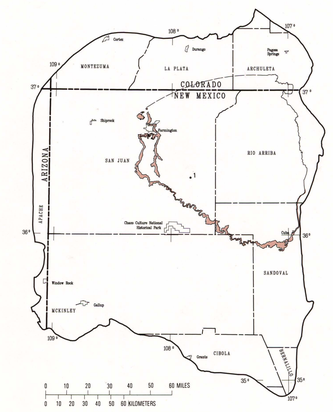
[Dissolved constituents are in milligrams per liter]

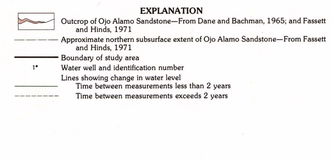
Property or constituent	Number of samples	Minimum	Maximum	Median
Specific conductance (microsiemens per centimeter at 25 degrees Celsius)	33	160	9,350	1,050
pH (standard units)	32	6.3	9.8	8.2
Temperature (degrees Celsius)	17	4.0	18.0	12.0
Calcium	32	1.0	480	19.0
Magnesium	32	0.1	62	2.1
Sodium	21	21.0	2,200	210
Potassium	21	0.4	4.0	1.1
Alkalinity, total as calcium carbonate	29	24	326	246
Sulfate	32	6.2	4,400	210
Chloride	33	1.0	280	8.0
Fluoride	31	0.1	2.3	0.5
Dissolved solids, sum of constituents	32	56	7,300	640
Nitrate, as nitrogen	19	0.02	2.9	0.07

Table 2. *Selected secondary drinking-water standards*

[From U.S. Environmental Protection Agency (1986b). Constituents are in milligrams per liter]

Property or constituent	Standard
pH (standard units)	6.5–8.5
Sulfate	250
Chloride	250
Fluoride	2
Dissolved solids	500





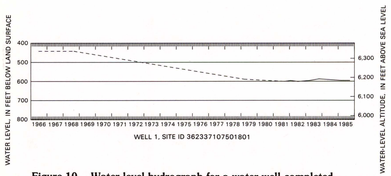


Figure 10. Water-level hydrograph for a water well completed in the Ojo Alamo Sandstone, 1966–85.

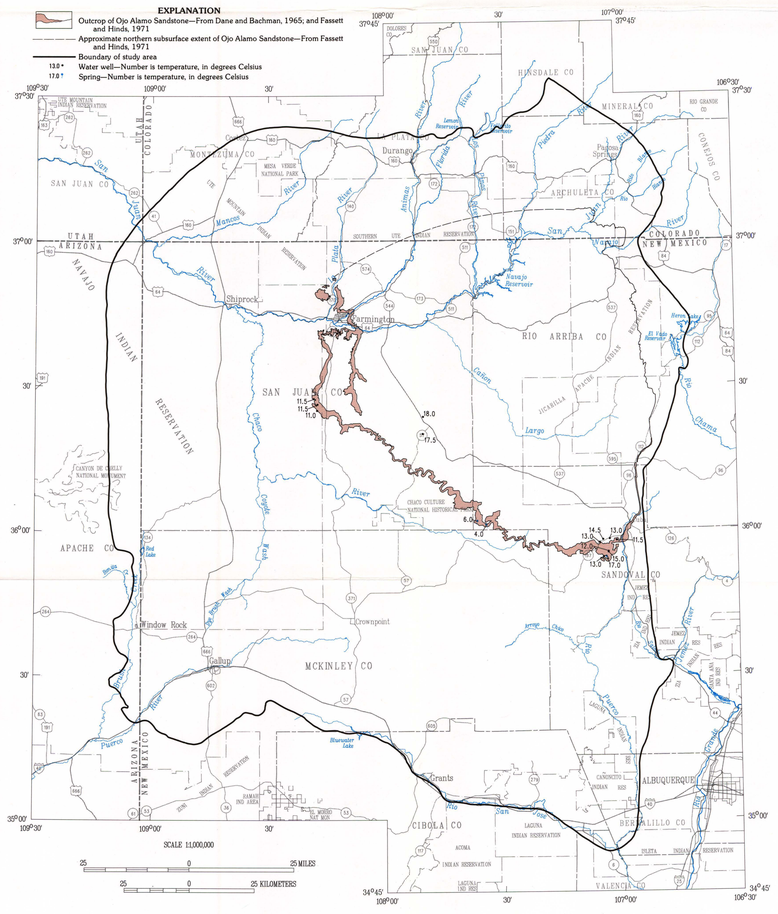


Figure 11. Temperature of water from selected water wells and springs in the Ojo Alamo Sandstone.

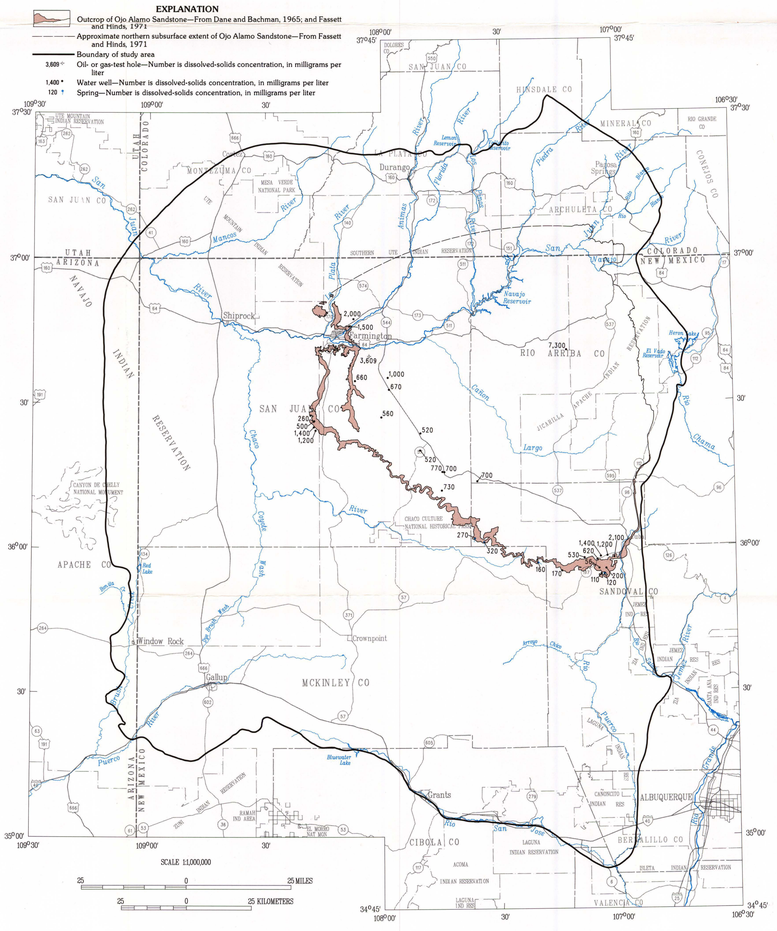


Figure 12. Concentration of dissolved solids in water from selected water wells, springs, and one oil- or gas-test hole completed in the Ojo Alamo Sandstone.

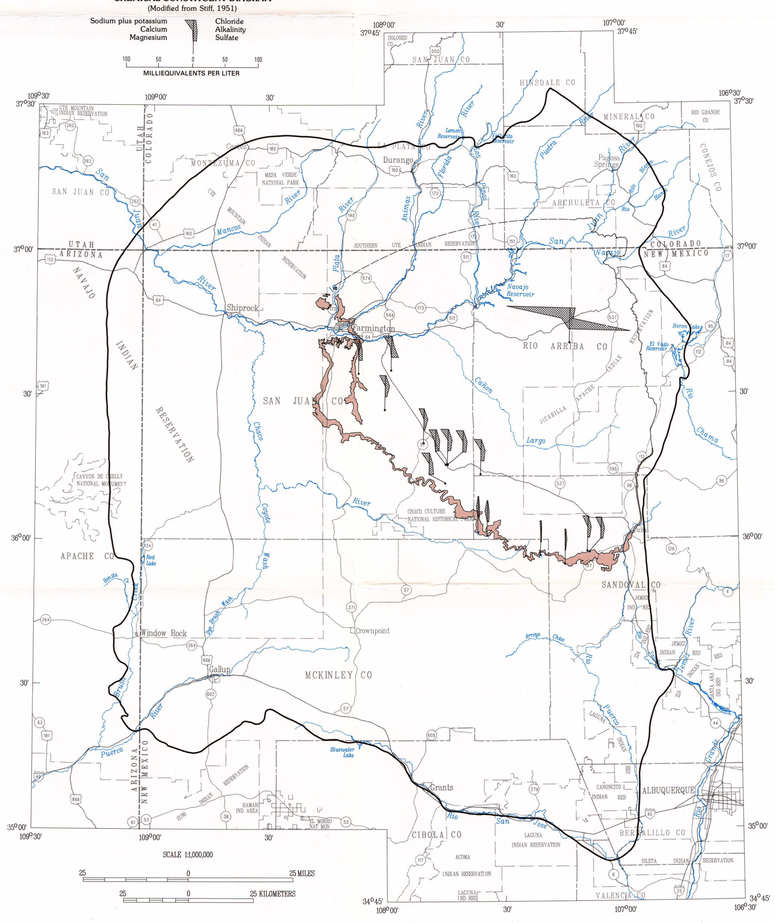


Figure 13. Chemical-constituent diagrams of water from selected water wells and springs in the Ojo Alamo Sandstone.

Base from U.S. Geological Survey, 1:100,000 Digital Data
Universal Transverse Mercator Projection, zone 12

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