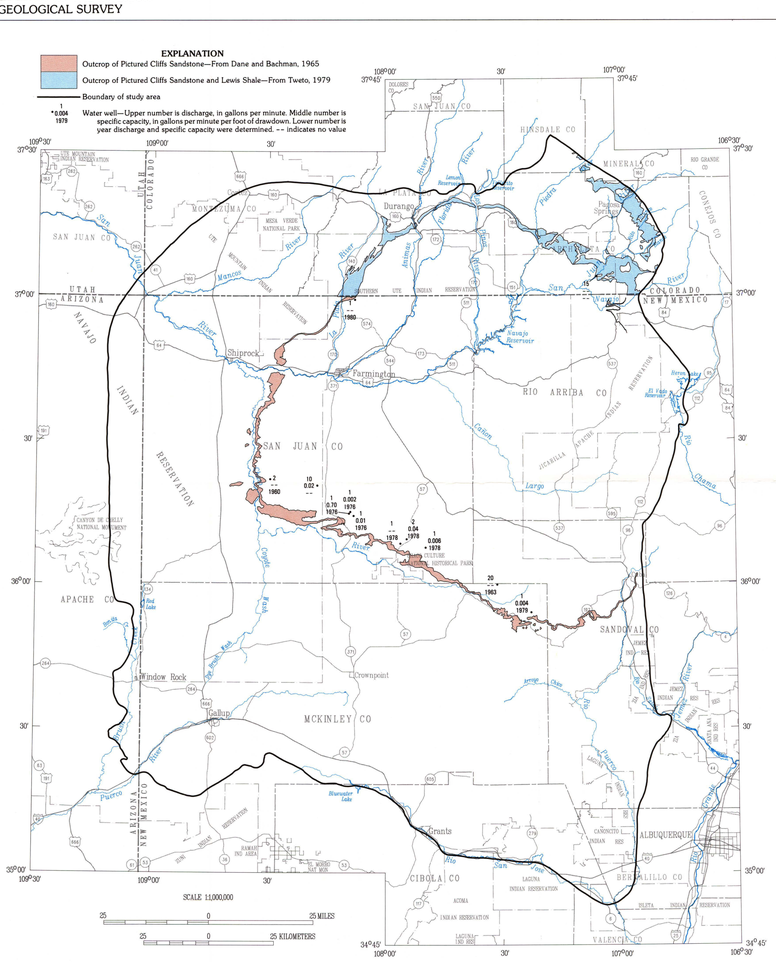


Figure 8. Discharge and specific capacity of selected water wells completed in the Pictured Cliffs Sandstone.

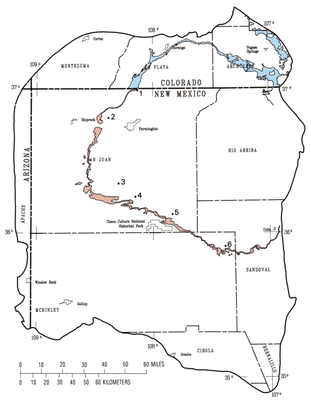


Figure 9. Water-level hydrographs for selected water wells completed in the Pictured Cliffs Sandstone, 1952–89.

Table 1. *Selected properties of and constituents in water from the Pictured Cliffs Sandstone*

[Dissolved constituents are in milligrams per liter]

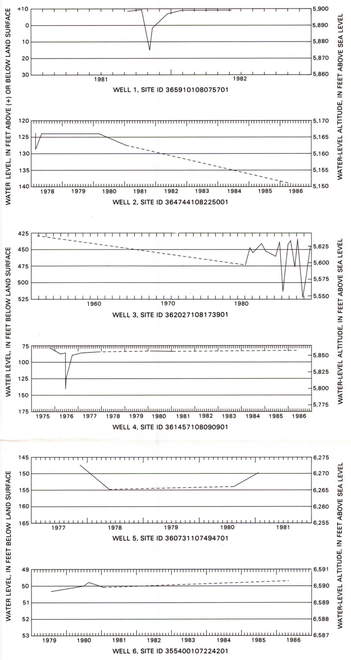
Property or constituent	Number of samples	Minimum	Maximum	Median
Specific conductance (microsiemens per centimeter at 25 degrees Celsius)	31	345	59,200	8,000
pH (standard units)	30	6.8	12.3	8.1
Temperature (degrees Celsius)	20	8.0	52	19.0
Calcium	36	1.6	1,300	40
Magnesium	32	0.1	340	11
Sodium	32	22	16,000	2,050
Potassium	29	1.2	350	11
Alkalinity, total as calcium carbonate	34	40	2,740	570
Sulfate	34	2.4	8,200	120
Chloride	35	3.6	28,000	2,400
Dissolved solids				
Sum of constituents	31	340	46,000	6,600
Residue on evaporation	[1]24	[1]1,437	[1]83,100	[1]16,311
Nitrate, as nitrogen	18	0.01	3.8	0.02

[1]Data from Dwight's ENERGYDATA Inc. BRN data base.

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



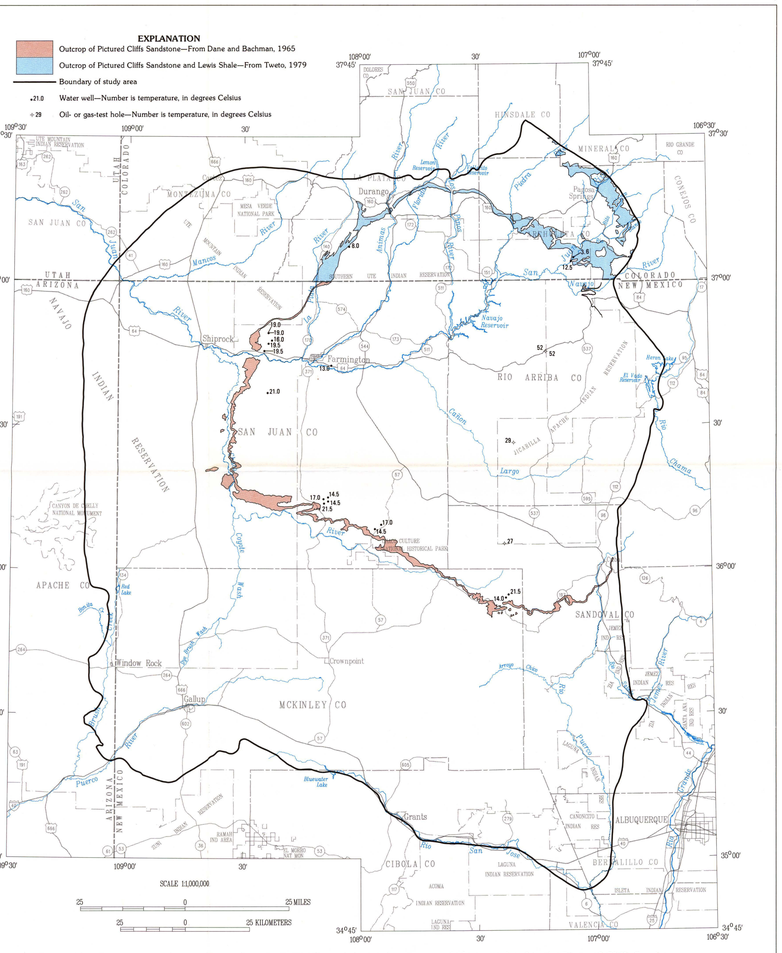


Figure 10. Temperature of water from selected water wells and three oil- or gas-test holes completed in the Pictured Cliffs Sandstone.

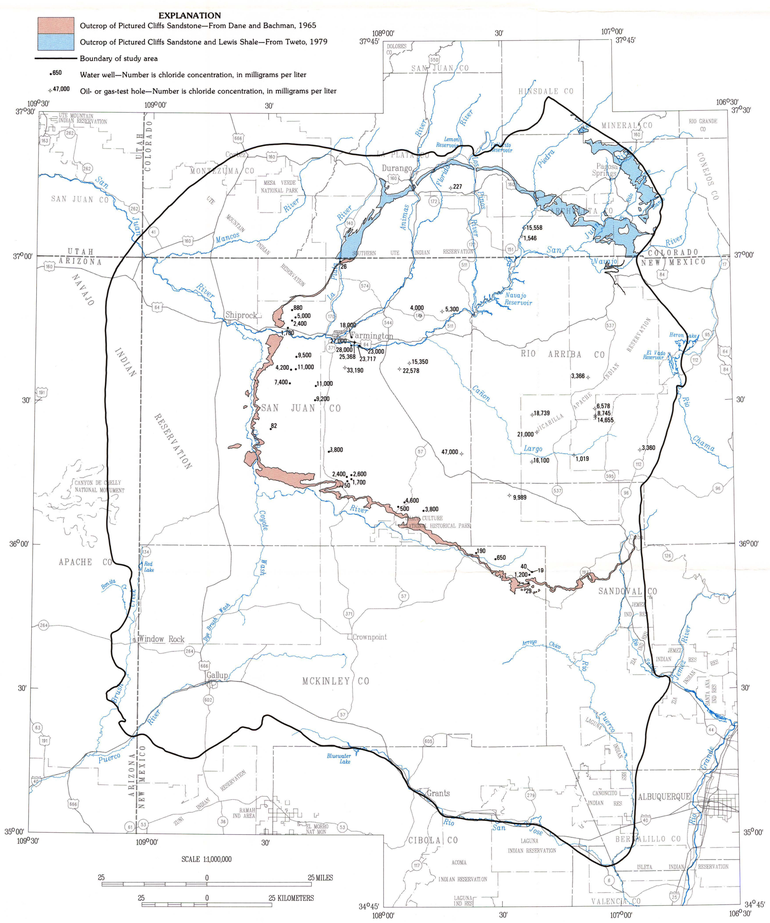


Figure 11. Chloride concentration of water from selected water wells and oil- or gas-test holes completed in the Pictured Cliffs Sandstone.

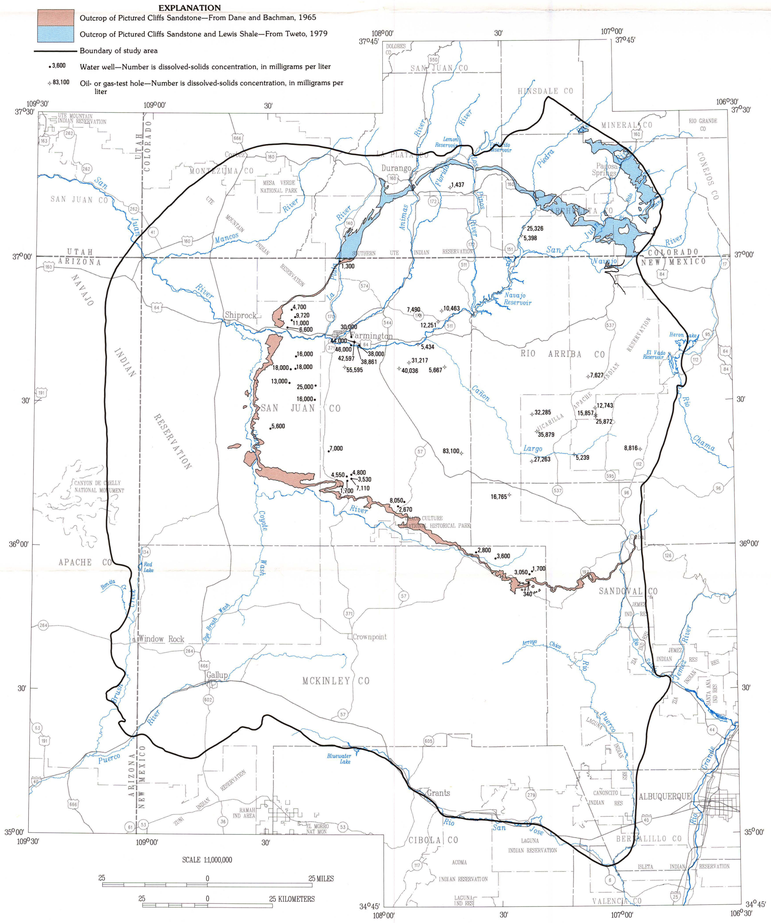


Figure 12. Dissolved-solids concentration of water from selected water wells and oil- or gas-test holes completed in the Pictured Cliffs Sandstone.

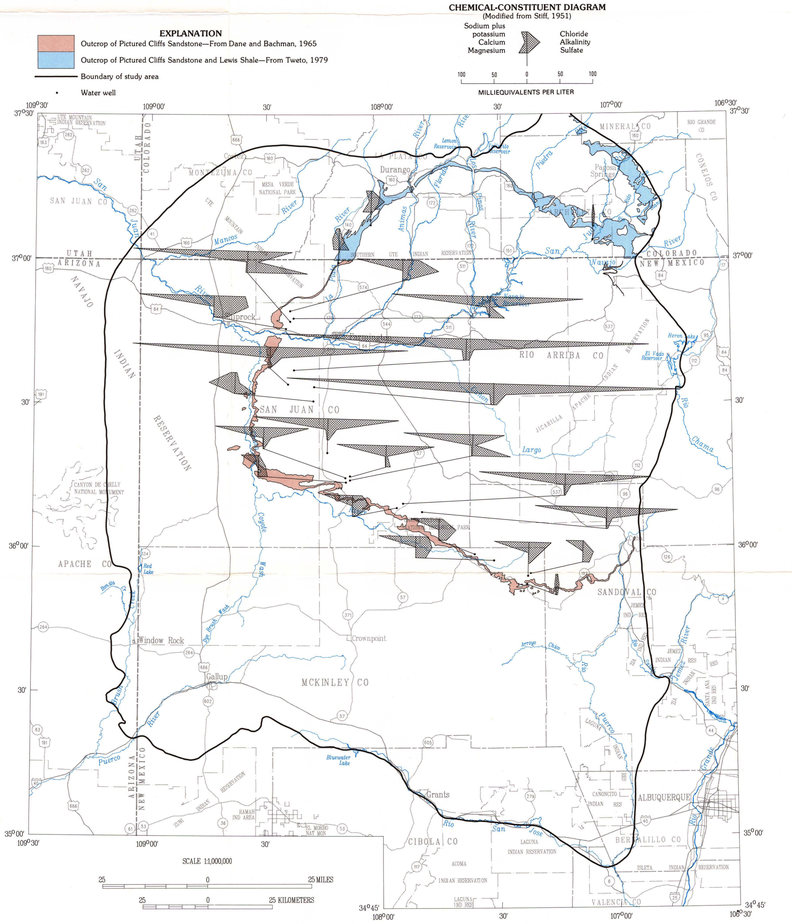


Figure 13. Chemical-constituent diagrams of water from selected water wells completed in the Pictured Cliffs Sandstone.

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

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By
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