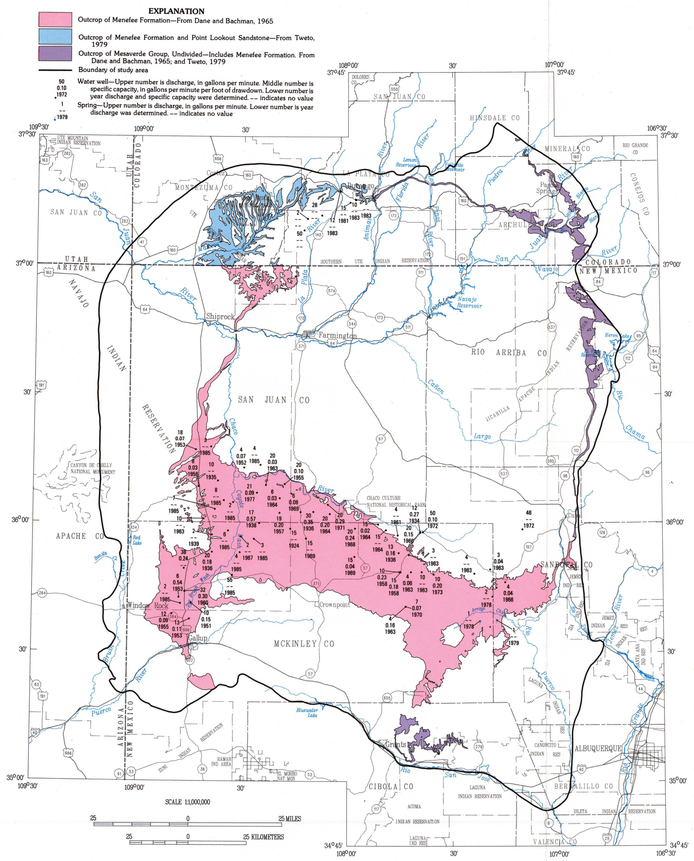

Figure 8. Discharge and specific capacity of selected water wells completed in and discharge of springs issuing from the Menefee Formation.

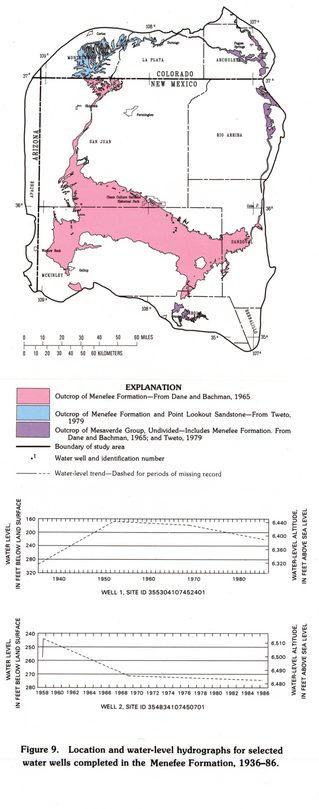

Figure 9. Location and water-level hydrographs for selected water wells completed in the Menefee Formation, 1936–86.

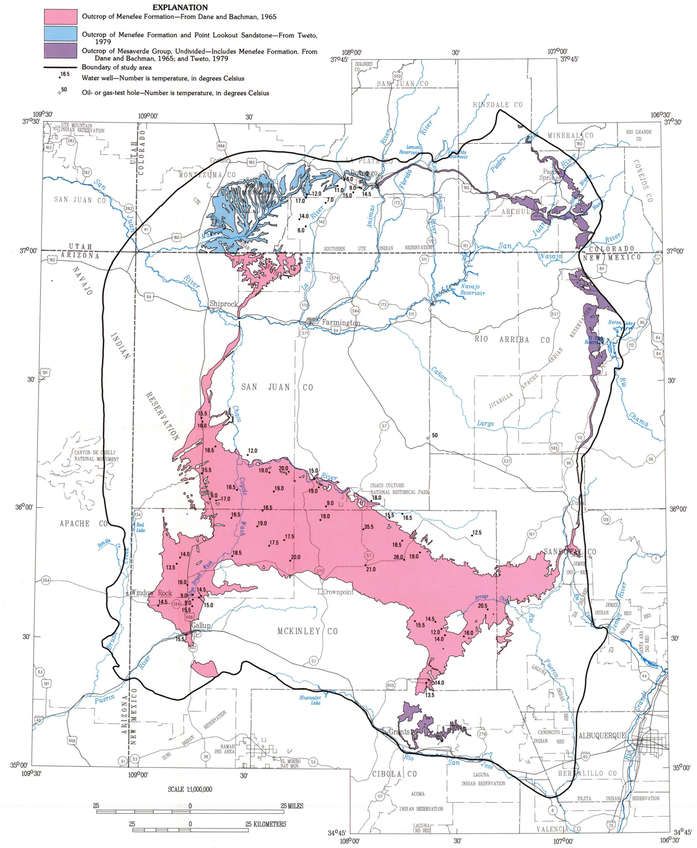

Figure 10. Temperature of water from selected water wells and one oil- or gas-test hole completed in the Menefee Formation.

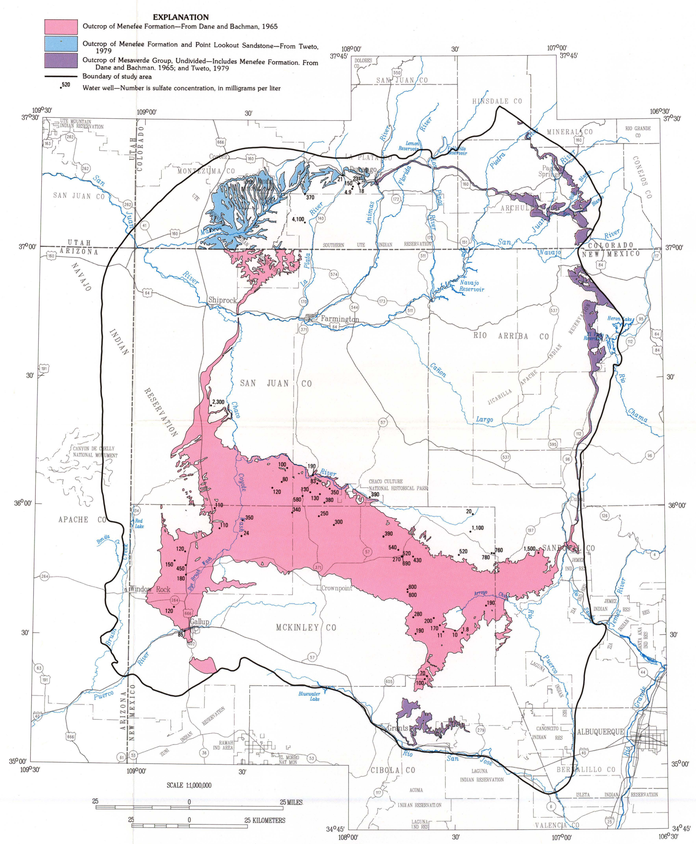

Figure 11. Sulfate concentration in water from selected water wells completed in the Menefee Formation.

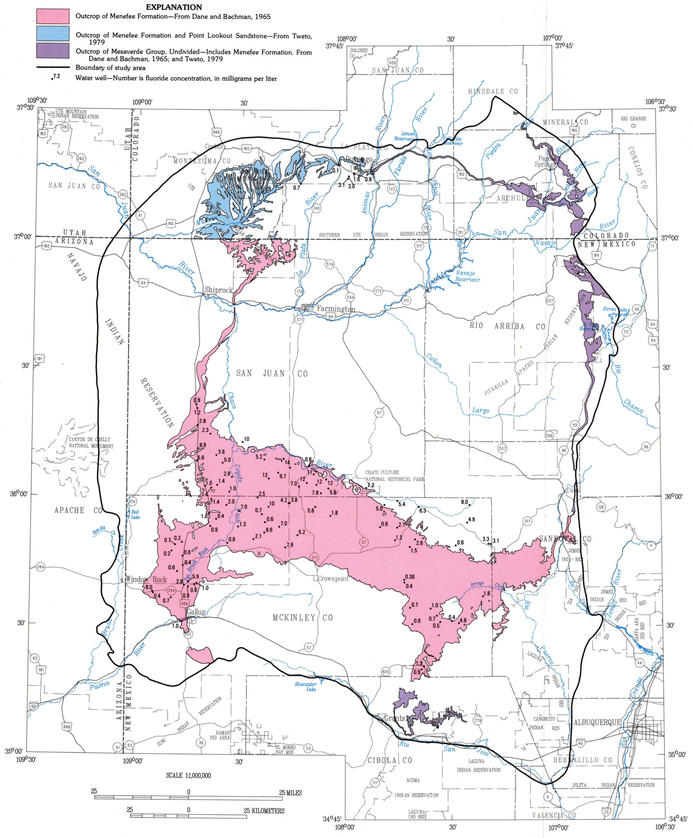

Figure 12. Fluoride concentration in water from selected water wells completed in the Menefee Formation.

Table 1.—*Selected properties of and constituents in water from the Menefee Formation*

[Dissolved constituents are reported in milligrams per liter, except boron, which is reported in micrograms per liter]

Property or constituent	Number of samples	Minimum	Maximum	Median
Specific conductance (microsiemens per centimeter at 25 degrees Celsius)	131	179	7,000	1,600
pH (standard units)	85	5.3	10.0	8.6
Temperature (degrees Celsius)	71	6.0	50.0	15.5
Calcium	114	0.6	600	4.1
Magnesium	116	0.1	780	1.4
Sodium	67	10.0	1,300	280
Potassium	64	0.8	7.4	2.0
Alkalinity, total as calcium carbonate	120	35	9,080	473.5
Sulfate	117	1.8	4,100	170
Chloride	134	0.1	1,600	23
	2[1]	1,286[1]	43,000[1]	---
Fluoride	123	0.1	14.0	1.7
Dissolved solids sum of constituents	104	130	4,400	995
residue on evaporation	2[1]	5,806[1]	78,033[1]	---
Nitrate, as nitrogen	99	0.02	3.2	0.14
Boron	73	10	920	130

[1]Data from Dwight's ENERGYDATA Inc. BRIN 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

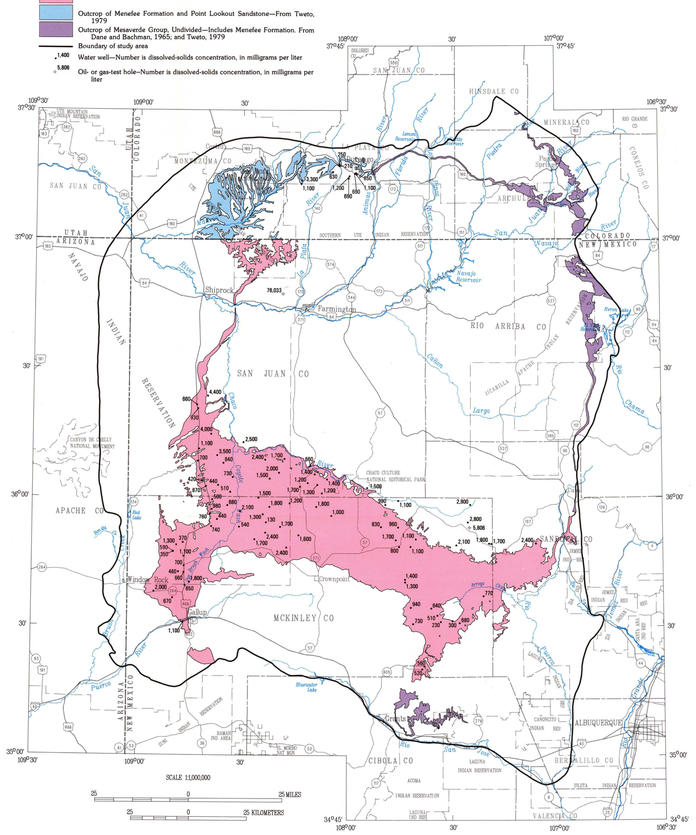

Figure 13. Concentration of dissolved solids in water from selected water wells and oil- or gas-test holes completed in the Menefee Formation.

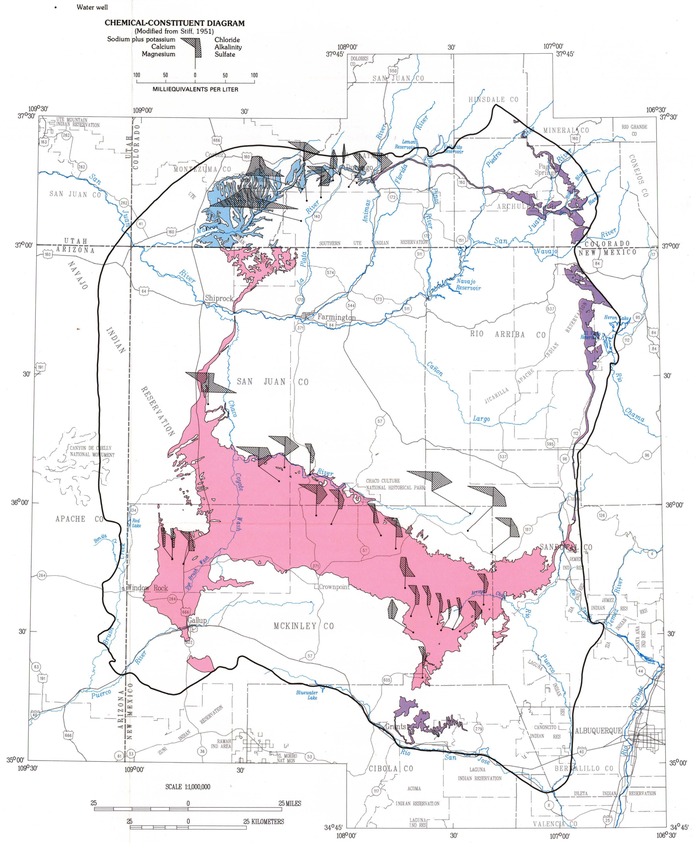

Figure 14. Chemical-constituent diagrams for water from selected water wells completed in the Menefee Formation.

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

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