

Table 5.--Selected analyses of water from salt springs and salt-spring areas.
(Analyses by U.S. Geological Survey. Analytical results in parts per million except as indicated.)

Source	Date of collection	Silica (SiO ₂)	Calcium (Ca)	Magnesium (Mg)	Sodium and potassium (Na+K)	Bicarbonate (HCO ₃)	Sulfate (SO ₄)	Chloride (Cl)	Hardness as Ca CO ₃		Specific conductance (Micromhos at 25°C)	pH
									Noncarbonate	Calcium, magnesium		
Hole 1 ft. deep on the Great Salt Plain, Alfalfa Co., Okla.	5-14-59	.....	.....	.....	71,300	82	.....	114,000	5,240	70	181,000	6.9
Spring at base of bluffs on the south side of the Big Salt Plain, Woodward Co., Okla.	11-17-59	1.5	1,120	896	100,000	25	3,750	156,000	6,460	20	215,000	6.8
Salt-water seep on the Little Salt Plain, Woods Co., Okla.	11-17-59	2.5	1,280	758	104,000	27	3,800	162,000	6,290	20	215,000	6.7
Salt Creek, below salt springs, Blaine Co., Okla.	11-16-59	4.0	1,700	578	52,100	103	3,200	82,600	6,540	80	159,000	7.4
Spring in Kiser Gulch, Harmon Co., Okla.	6-21-59	....	1,480	2,000	120,000	38	3,720	190,000	11,900	0	210,000	6.4
Estelline Spring, Hall Co., Texas	2-12-59	....	1,460	273	17,100	...	4,230	26,300	4,650	110	61,600	7.9
Spring on west side of Salt Creek, Cottle Co., Texas	7-30-58	21	1,210	279	11,800	122	3,810	18,000	4,070	100	45,700	7.4
South Fork Wichita River below Salt Springs, King Co., Texas	7-30-58	15	833	178	4,830	121	2,220	7,730	2,710	100	23,000	7.5
Rattlesnake Creek below Salt marshes, Stafford Co., Texas	2-16-60	10	96	20	687	244	122	1,050	120	200	1,050	8.1