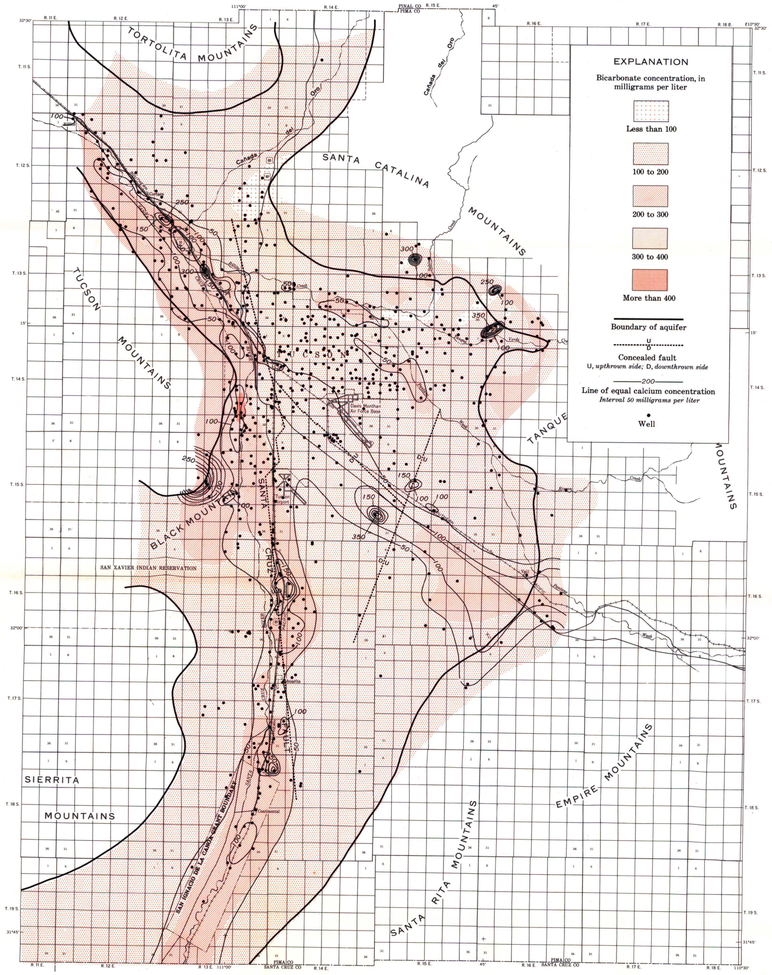
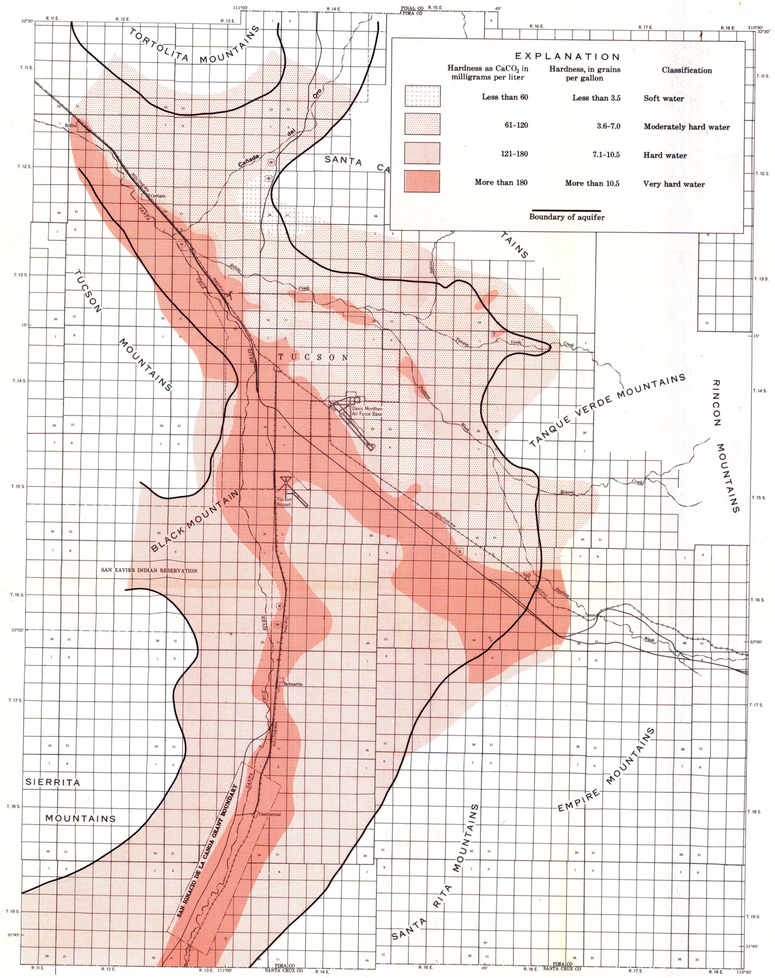
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
CITY OF TUCSON
U.S. BUREAU OF RECLAMATION
UNIVERSITY OF ARIZONA

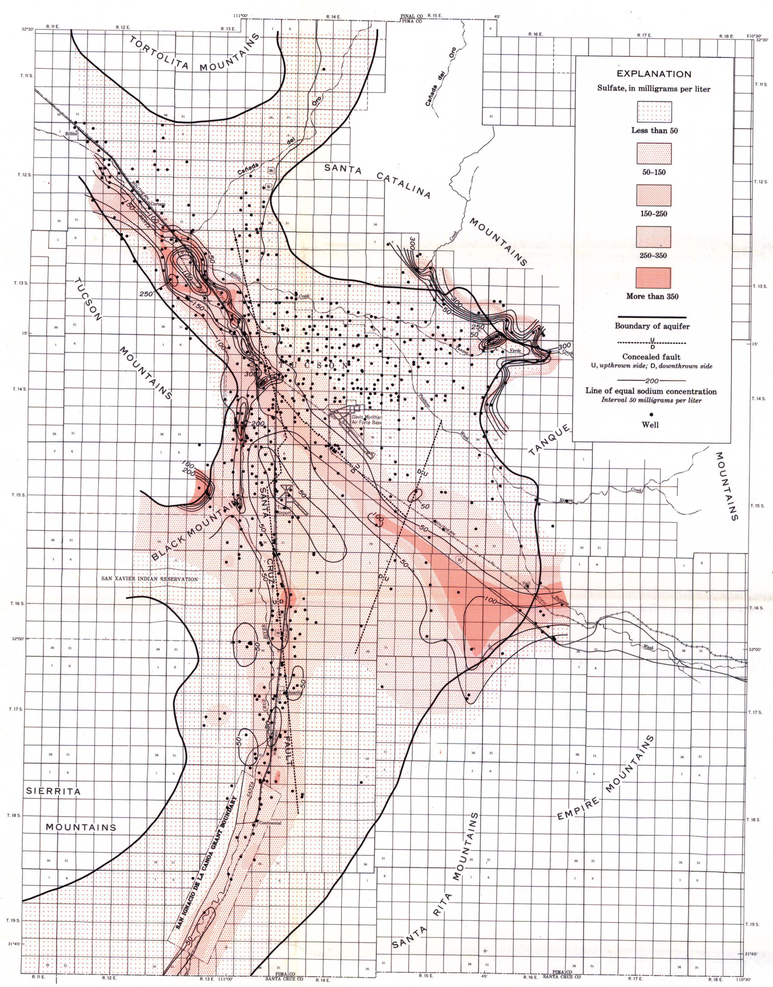
WATER-SUPPLY PAPER 1939-D
PLATE 4



A. CALCIUM AND BICARBONATE



B. HARDNESS



C. SODIUM AND SULFATE

Base from U.S. Geological Survey

APPROXIMATE MEAN DECLINATION, 1972

SCALE 1:250 000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

Compiled by R. L. Laney, 1968

MAPS SHOWING AREAL DISTRIBUTION OF SELECTED CHEMICAL CONSTITUENTS AND HARDNESS IN SHALLOW GROUND WATER, TUCSON BASIN, SOUTHEASTERN ARIZONA

454-124 O - 72 (In pocket)