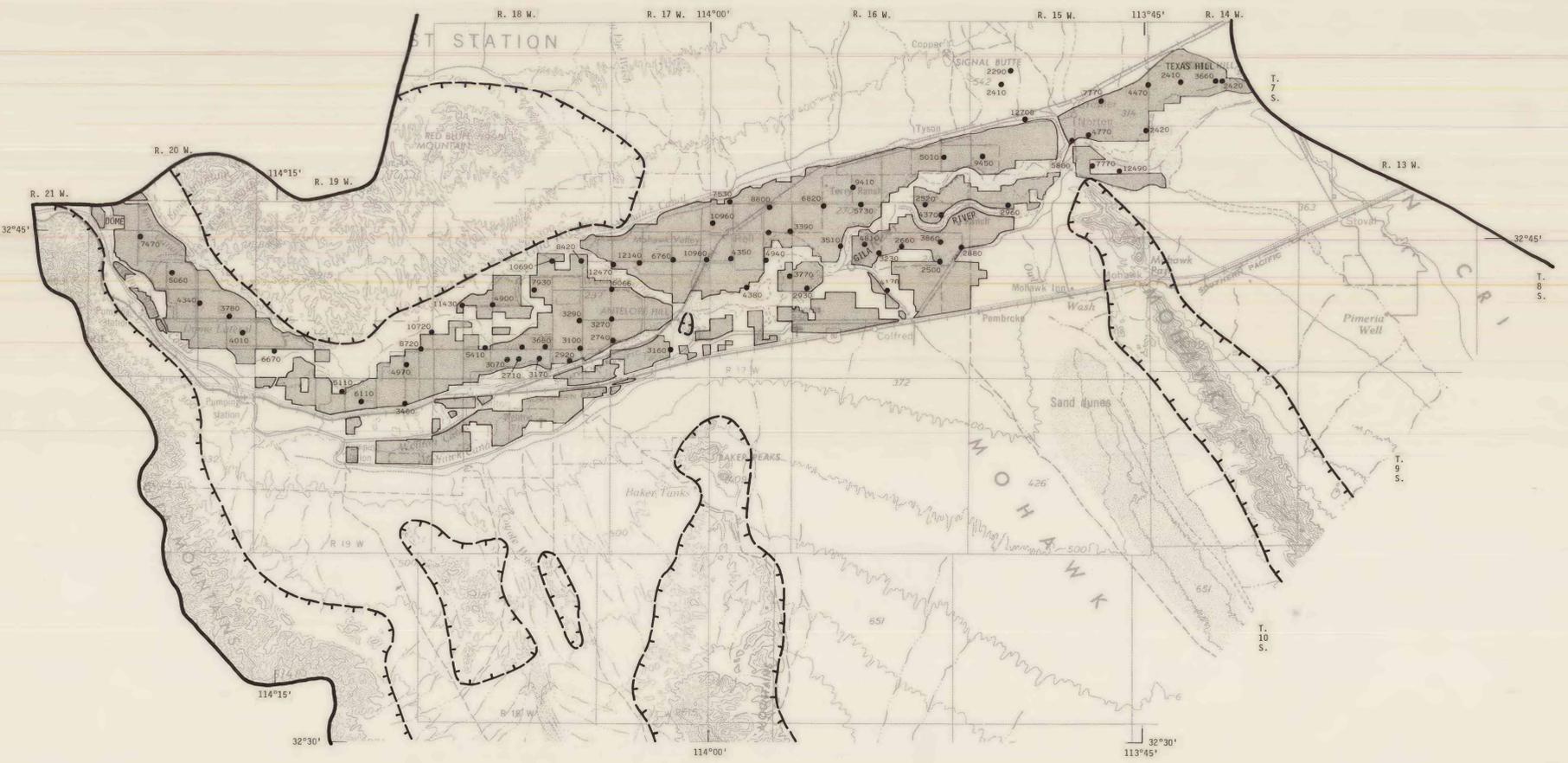


ALTITUDE OF THE WATER LEVEL



SPECIFIC CONDUCTANCE AND IRRIGATED AREA

EXPLANATION

- 220 — WATER-LEVEL CONTOUR—From U.S. Bureau of Reclamation (1976). Shows approximate altitude of the water level as of December 1976. Contour interval 10 feet. Datum is mean sea level.
- 3660 WELL FROM WHICH WATER SAMPLE WAS COLLECTED IN 1976 BY THE U.S. BUREAU OF RECLAMATION—Number is specific conductance, in microhos per centimeter at 25°C (specific conductance is an indication of the dissolved-solids concentration in water)
- IRRIGATED AREA IN 1976—Based on unpublished data from the files of the U.S. Bureau of Reclamation, Yuma Projects Office
- - - - - APPROXIMATE BOUNDARY OF THE MAIN WATER-BEARING UNIT—The main water-bearing unit consists of unconsolidated to weakly consolidated alluvium. The igneous, metamorphic, and sedimentary rocks that make up the mountains may yield a few gallons per minute to wells and springs
- — — — — ARBITRARY BOUNDARY OF GROUND-WATER AREA

SPECIFIC CONDUCTANCE,
IN MICROHOS PER
CENTIMETER AT 25°C

30,000
20,000
10,000
8,000
6,000
4,000
2,000
1,000
500

DISSOLVED SOLIDS,
IN MILLIGRAMS
PER LITER

20,000
10,000
8,000
6,000
4,000
2,000
1,000
400

APPROXIMATE RELATION OF SPECIFIC CONDUCTANCE
TO DISSOLVED-SOLIDS CONCENTRATION

5 0 5 10 MILES

5 0 5 10 KILOMETERS

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100-FOOT INTERVALS
DATUM IS MEAN SEA LEVEL