EXPLANATION

Alluvium

Generalized boundary of no ground water flow (Mountains, other impermeable deposits, and alluvium that is not water bearing)

Phreatophyte zone (Area of high water loss to atmosphere)

Section where the ratio of the distance between flow lines to the distance between contour lines is unity

1600 — Water-level contour (Contour interval 40 feet; mean sea level datum)

Flow lines — Generalized

Direction of ground-water movement prior to large-scale pumping (Based on data for 1930-40)

PHOENIX
TEMPE
MESA
CHANDLER
Loveen
Maricopa
Stanfield
Eloy
Magma
Sacaton
Sacaton Dam
Blackwater
COOLIDGE
FLORENCE
Ashurst-Hayden Dam
Red Rock

SALT RIVER MOUNTAINS
USERY MTS.
SUPERSTITION MOUNTAINS
SIERRA ESTRELLA
PALO VERDE MTS.
HALEY HILLS
SANTAN MTN.
GOLDMINE MTN.
MALPAIS HILLS
WALKER BUTTE
SACATON MOUNTAINS
CASA GRANDE MTS.
TABLE TOP MOUNTAINS
VAIVA HILLS
SILVER REEF MTS.
TAT MOMOLI MTS.
SAWTOOTH MTS.
PICACHO PEAK
PICACHO MOUNTAINS
TORTOLITA MOUNTAINS
SILVER BELL MTS.

SALT RIVER
GILA RIVER
QUEEN CREEK
COTTONWOOD CREEK
Wash
Santa Rosa Wash
Durham Wash
LOWER SANTA CRUZ BASIN

MARICOPA CO. / PINAL CO. / PIMA CO.

1040 1080 1120 1160 1200 1240 1280 1320 1360 1400 1440 1480 1520 1560 1600 1640 1680 1720

T.1N. T.1S. T.2S. T.3S. T.4S. T.5S. T.6S. T.7S. T.8S. T.9S. T.10S.
R.2E. R.3E. R.4E. R.5E. R.6E. R.7E. R.8E. R.9E. R.10E. R.11E. R.12E.

0 1 2 3 4 5 6 Miles

Hydrology by William F. Hardt, 1964

Figure 12. --Generalized ground-water flow net for western Pinal and southeastern Maricopa Counties.