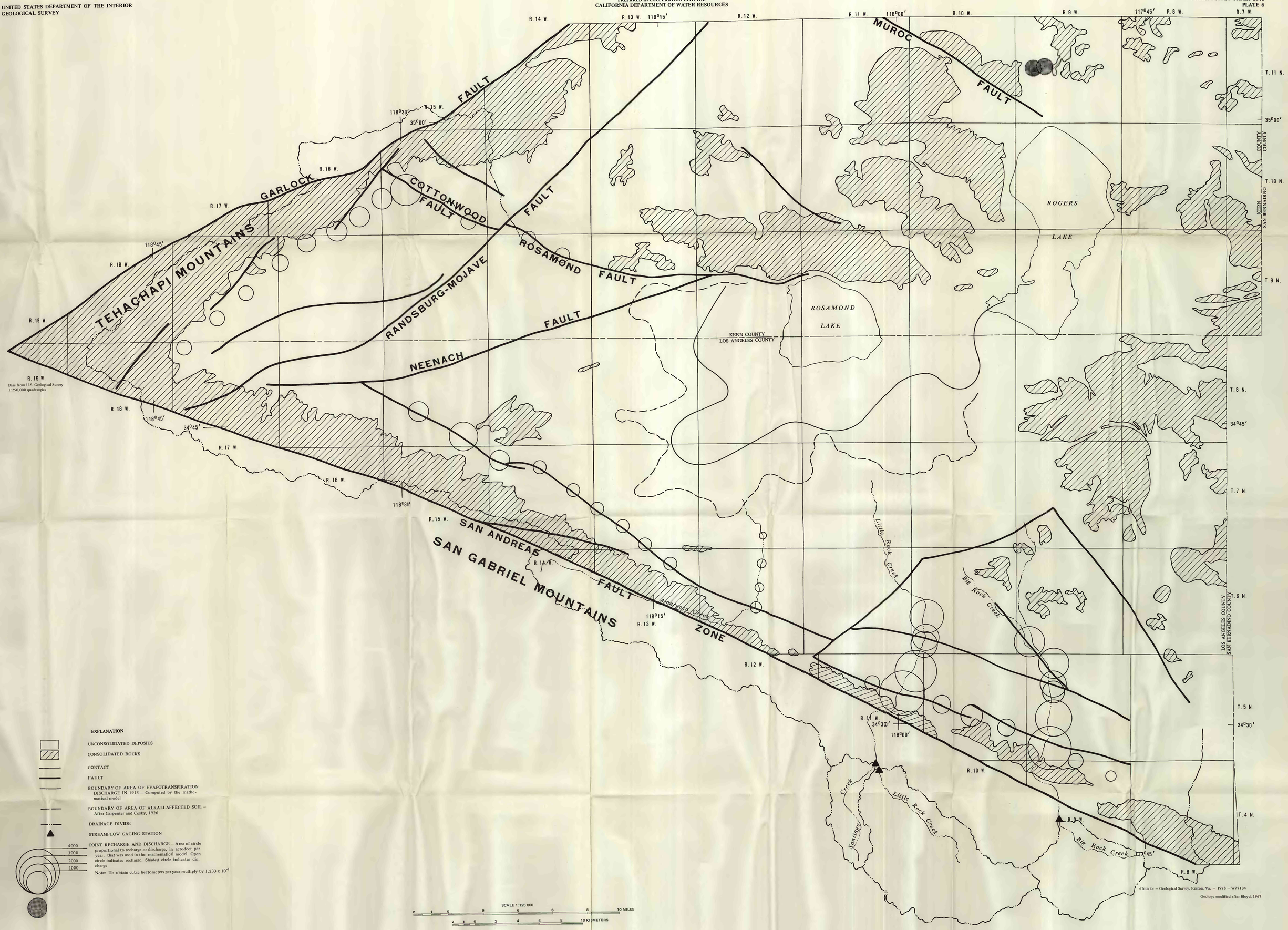
PREPARED IN COOPERATION WITH THE
CALIFORNIA DEPARTMENT OF WATER RESOURCES






Base from U.S. Geological Survey
1:250,000 quadrangles

**EXPLANATION**

UNCONSOLIDATED DEPOSITS

CONSOLIDATED ROCKS

CONTACT

FAULT

BOUNDARY OF AREA OF EVAPOTRANSPIRATION DISCHARGE IN 1915 – Computed by the mathematical model

BOUNDARY OF AREA OF ALKALI-AFFECTED SOIL – After Carpenter and Cosby, 1926

DRAINAGE DIVIDE

STREAMFLOW GAGING STATION

4000
3000
2000
1000

POINT RECHARGE AND DISCHARGE – Area of circle proportional to recharge or discharge, in acre-feet per year, that was used in the mathematical model. Open circle indicates recharge. Shaded circle indicates discharge

Note: To obtain cubic hectometers per year multiply by $1.233 \times 10^{-3}$

☆Interior – Geological Survey, Reston, Va. – 1978 – W77134

Geology modified after Bloyd, 1967

# MAP OF ANTELOPE VALLEY, CALFORNIA, SHOWING GEOGRAPHIC DISTRIBUTION OF NATURAL GROUNI-WATER RECHARGE AND DISCHARGE