EXPLANATION

Streamflow-gaging station
Operated by the U.S. Geological Survey

Mean annual streamflow at station, in acre-feet
Upper number is mean annual streamflow through 1963; lower number is streamflow measured or adjusted to the base period, 1936-63

Mean annual infiltration for base period, 1936-63, along reaches of main channels
Extent of reach indicated by arrow (number represents maximum possible amount of mean annual recharge for 1936-63, in acre-feet)

Recharge to aquifer, in acre-feet
Upper number is recharge per mile of perimeter per year; lower number is mean annual recharge for the entire indicated length of perimeter per year. Dashed symbol represents estimated perimeter recharge being depleted by evapotranspiration

Mean annual underflow into aquifer at the aquifer boundary in the Santa Cruz and Canada del Oro Valleys, in acre feet per year

Approximate mean annual underflow out of the aquifer in 1965-66, in acre feet per year

Aquifer

SCHEMATIC DIAGRAM SHOWING MAJOR COMPONENTS OF THE NATURAL ANNUAL WATER BUDGET FOR THE TUCSON BASIN, SOUTHEASTERN ARIZONA