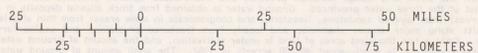


BASE FROM U.S. GEOLOGICAL SURVEY 1:250,000 QUADRANGLES



NOTE: Most areas in which the quality of the ground water is poor are designated in U.S. Geological Survey Hydrologic Investigations Atlas HA-478, "Quality of ground water in the lower Colorado River region, Arizona, Nevada, New Mexico, and Utah," by L. R. Kister (1973).

POTENTIAL WELL PRODUCTION, IN GALLONS PER MINUTE (NOTE: THE VALUES OF POTENTIAL WELL PRODUCTION ARE BASED ON THE ASSUMPTION THAT THE WELL IS LOCATED FAVORABLY, IS SUFFICIENTLY DEEP TO TAP THE REGIONAL AQUIFER, AND IS PROPERLY CONSTRUCTED)

50 to more than 2,500—Most wells in area are capable of producing 1,000 gallons per minute or more

10 to 500

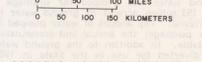
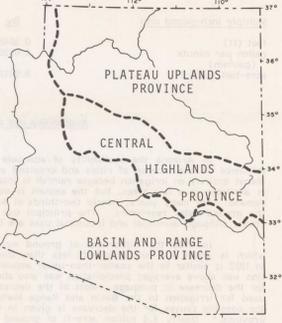
0 to 10—In the Plateau uplands province the limits are 0 to 50 gallons per minute

INDEX WELL—Upper number, 273, is depth to water, in feet, 1983 (R, well taps regional aquifer of great areal extent; L, well taps local aquifer of limited areal extent; P, well taps water level abnormally higher than regional water level; F, flowing well). Lower number, +6, is change in water level, in feet, 1978-83

EXPLANATION

- AREAS AND ABBREVIATIONS
- AGF = Agua Fria basin
 - ALT = Aitar Valley
 - ARA = Aravaipa Valley
 - AVR = Avra Valley
 - BIC = Big Chino Valley
 - BIS = Big Sandy Valley
 - BWM = Bill Williams
 - BLM = Black Mesa
 - BRB = Black River basin
 - BOD = Bodaway Mesa
 - BUT = Butler Valley
 - CDI = Canyon Diablo
 - CHV = Chevelon
 - CHN = Chinle
 - COP = Coconino Plateau
 - CHI = Colorado River, Hoover Dam to Imperial Dam
 - CON = Concho
 - DOU = Douglas basin
 - DUN = Duncan basin
 - GIL = Gila Bend basin
 - GRD = Gila River drainage from Painted Rock Dam to Texas Hill
 - GSK = Gila River from head of San Carlos Reservoir to Kelvin Hill to Dome
 - GWA = Grand Wash
 - HAR = Harquahala Plains
 - HAS = Hassayampa basin
 - HOL = Holbrook
 - HOP = Hopi
 - HOU = House Rock
 - HUA = Hualapai Valley
 - KAI = Kaibito
 - KAN = Kanab
 - LIC = Little Chino Valley
 - LHA = Lower Hassayampa
 - LSP = Lower San Pedro basin
 - LSC = Lower Santa Cruz basin
 - LVR = Lower Verde River
 - MMU = McMullen Valley
 - MNV = Monument Valley
 - N-C = New River-Cave Creek
 - PSC = Peach Spring Canyon
 - PRZ = Puerco-Zuni
 - RAN = Ranegras Plain
 - SAC = Sacramento Valley
 - SAF = Safford basin
 - SRV = Salt River Valley
 - SBV = San Bernardino Valley
 - SFP = San Francisco Peaks
 - SFR = San Francisco River basin
 - SSI = San Simon basin
 - SSW = San Simon Wash
 - SHV = Shivwits
 - SNO = Snowflake
 - STJ = Saint Johns
 - TON = Tonto basin
 - TUB = Tuba City
 - USR = Upper Salt River basin
 - USP = Upper San Pedro basin
 - USC = Upper Santa Cruz basin
 - VER = Upper Verde River
 - VRG = Virgin River
 - WAT = Waterman Wash
 - WMD = Western Mexican drainage
 - WHM = White Mountains
 - WRB = White River basin
 - WIL = Willcox basin
 - WMN = Williamson Valley
 - YUM = Yuma

- AREA BOUNDARY
- - - WATER-PROVINCE BOUNDARY



POTENTIAL WELL PRODUCTION, DEPTH TO WATER, 1983, AND CHANGE IN WATER LEVEL, 1978-83, IN SELECTED WELLS