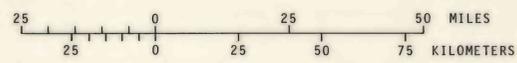


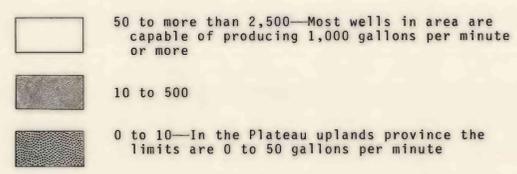
BASE FROM U.S. GEOLOGICAL SURVEY 1:250,000 QUADRANGLES



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).

EXPLANATION

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)

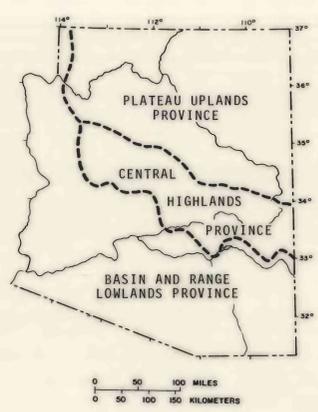


INDEX WELL—Upper number, 591, is depth to water, in feet, 1979 (R, well taps regional aquifer of great areal extent; L, well taps local aquifer of limited areal extent; P, well taps water level abnormally higher than regional water level; F, flowing well). Lower number, -19, is change in water level, in feet, 1974-79

AREAS AND ABBREVIATIONS

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

AREA BOUNDARY
WATER-PROVINCE BOUNDARY



POTENTIAL WELL PRODUCTION, DEPTH TO WATER, 1979, AND CHANGE IN WATER LEVEL, 1974-79, IN SELECTED WELLS