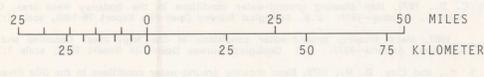


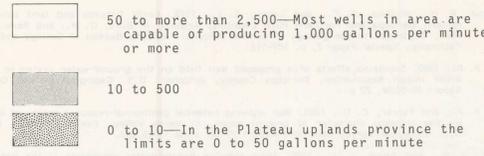
BASE FROM U.S. GEOLOGICAL SURVEY 1:250,000 QUADRANGLES



NOTE: Most areas in which the quality of the ground water is poor are designated in U.S. Geological Survey Hydrologic Investigations Atlas HA-47B, "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)



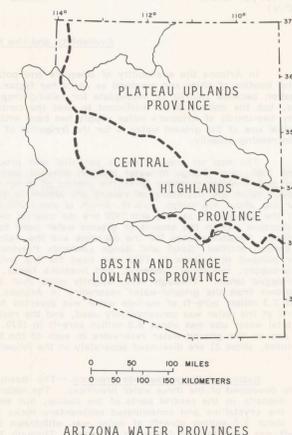
INDEX WELL—Upper number, 376, is depth to water, in feet, 1980 (R, well taps regional aquifer of great areal extent; L, well taps local aquifer of limited areal extent; P, well taps water level abnormally higher than regional water level; F, flowing well). Lower number, -2, is change in water level, in feet, 1975-80

WELL IN WHICH MISCELLANEOUS WATER-LEVEL MEASUREMENT WAS MADE, 1975-80—Number, 289, is depth to water, in feet (R, well taps regional aquifer of great areal extent; L, well taps local aquifer of limited areal extent; F, flowing well). Used where data for 1980 are not available and changes in water levels have been negligible

AREAS AND ABBREVIATIONS

- |   |                                 |                                |
|---|---------------------------------|--------------------------------|
| AGF = Agua Fria basin   | HAS = Hassayampa basin          | STJ = Saint 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        |
| 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   | LVR = Lower Verde River basin   | WHM = White Mountains          |
| CDI = Canyon Diablo   | MMU = McMullen Valley           | WRB = White River basin        |
| CHV = Chevelon  | MNV = Monument Valley           | WIL = Willcox basin            |
| CHN = Chinle  | N-C = New River-Cave Creek      | WMN = Williamson Valley        |
| COP = Coconino Plateau  | PSC = Peach Spring Canyon       | YUM = Yuma                     |
| CHI = Colorado River, Hoover Dam to Imperial Dam                  | PRZ = Puerco-Zuni               |                                |
| CON = Concho  | RAN = Ranegras Plain            |                                |
| DOU = Douglas basin   | SAC = Sacramento Valley         |                                |
| DUN = Duncan basin  | SAF = Safford basin             |                                |
| GIL = Gila Bend basin   | SRV = Salt River Valley         |                                |
| GRD = Gila River drainage from Painted Rock Dam to Texas Hill     | SFB = San Bernardino Valley     |                                |
| GSK = Gila River from head of San Carlos Reservoir to Kelvin Hill | SFP = San Francisco Peaks       |                                |
| GTD = Gila River from Texas Hill to Dome                          | SFR = San Francisco River basin |                                |
| GWA = Grand Wash  | SSI = San Simon basin           |                                |
| HAR = Harquahala Plains   | SSW = San Simon Wash            |                                |
|   | SHV = Shivwits                  |                                |
|   | SNO = Snowflake                 |                                |

— AREA BOUNDARY  
- - - WATER-PROVINCE BOUNDARY



POTENTIAL WELL PRODUCTION, DEPTH TO WATER, 1980, AND CHANGE IN WATER LEVEL, 1975-80, IN SELECTED WELLS