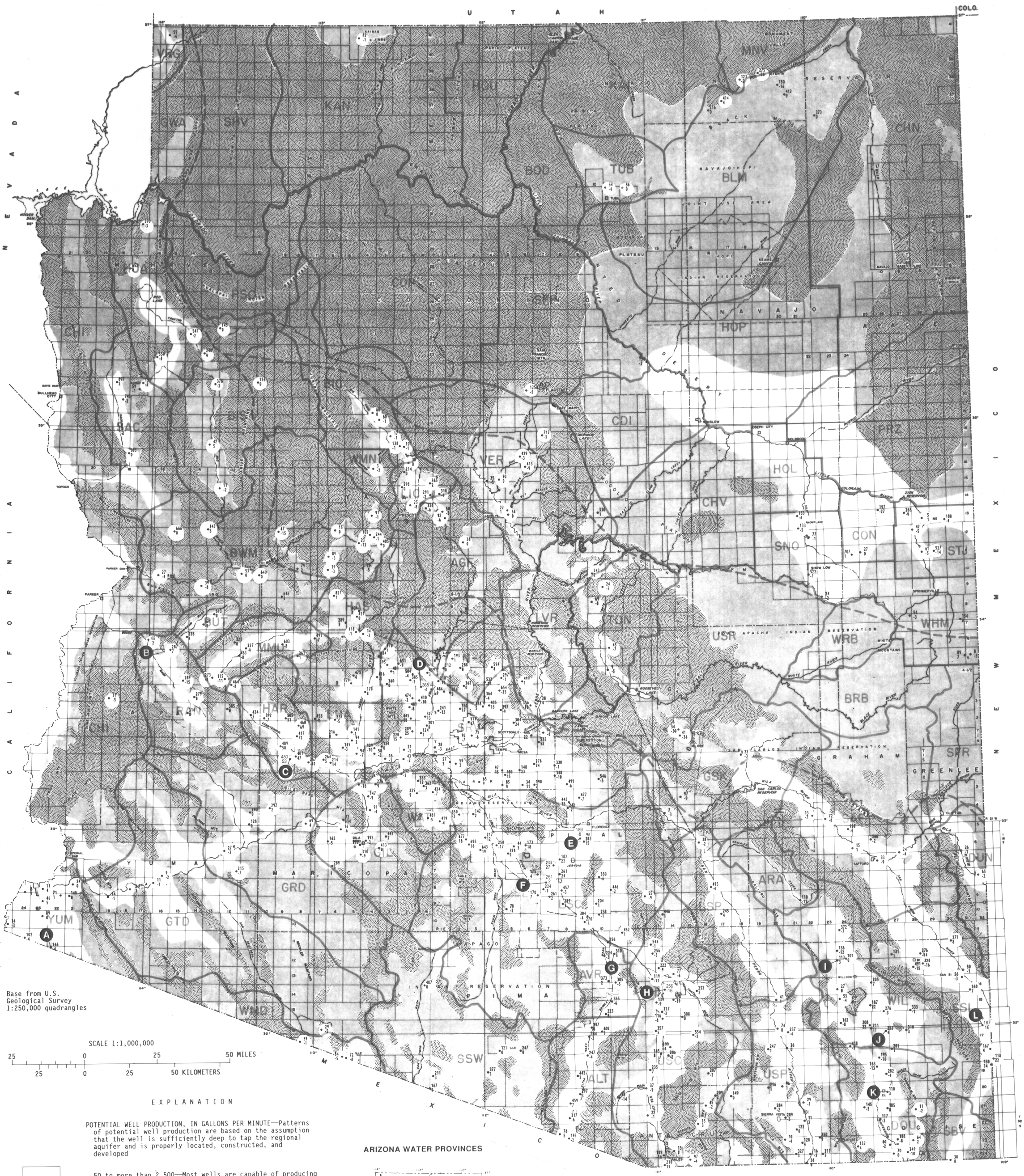
Anning, D.W., and Duet, N.R., 1994, Summary of ground-water conditions in Arizona, 1987-90



EXPLANATION

POTENTIAL WELL PRODUCTION, IN GALLONS PER MINUTE—Patterns of potential well production are based on the assumption that the well is sufficiently deep to tap the regional aquifer and is properly located, constructed, and developed

- 50 to more than 2,500—Most wells 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

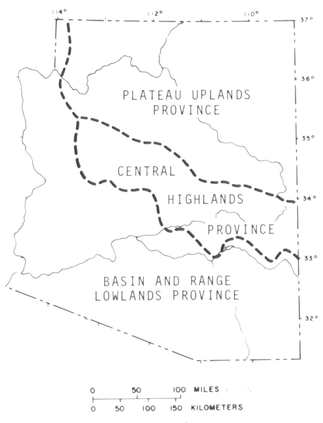
189 / -8 — INDEX WELL—Upper number, 189, is water level in feet below land surface in 1987. Lower number, -8, is change in water level, in feet, 1985-90

A — WELL FOR WHICH A HYDROGRAPH IS SHOWN

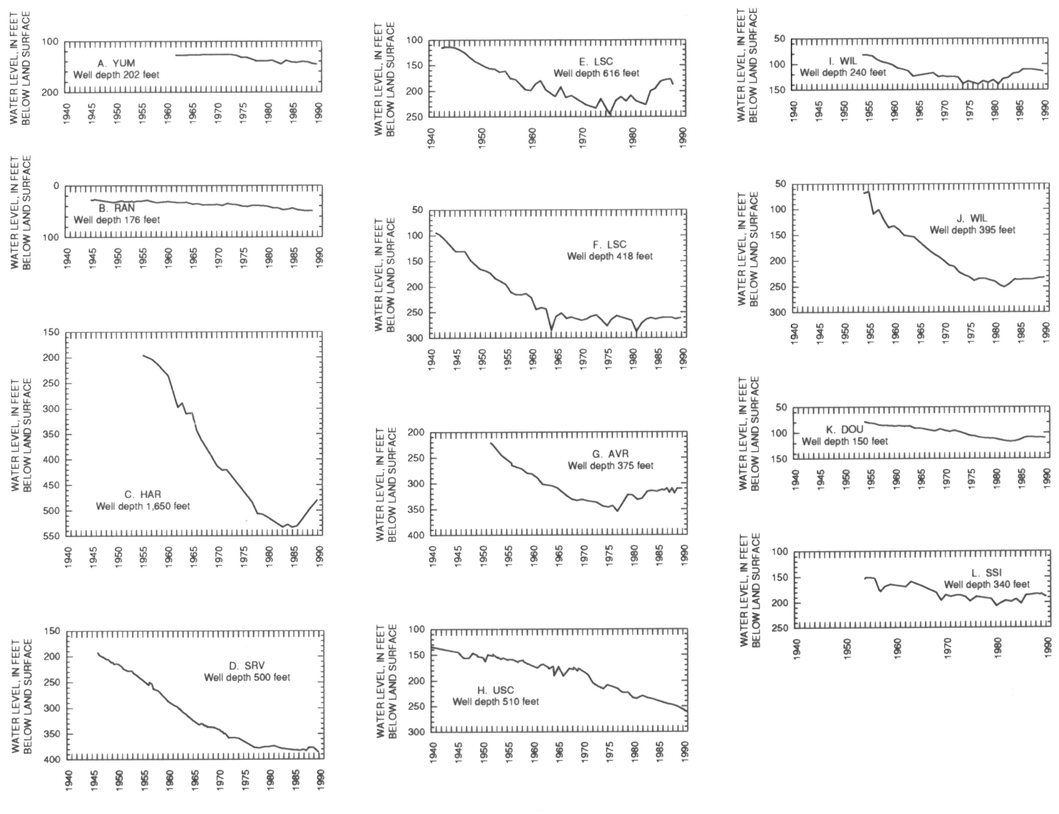
BOUNDARY OF GROUND-WATER AREA

WATER-PROVINCE BOUNDARY

ARIZONA WATER PROVINCES



HYDROGRAPHS OF THE WATER LEVELS IN SELECTED WELLS IN THE BASIN AND RANGE LOWLANDS PROVINCE



GROUND-WATER AREAS AND ABBREVIATIONS

AGF = Agua Fria basin
ALT = Altar 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 from Painted Rock Dam to Texas Hill
GSK = Gila River from head of San Carlos Reservoir to Kelvin
GTD = Gila River from Texas Hill to Dome
GWA = Grand Wash
HAR = Harquahala Plain
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 Springs 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 = St. 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

POTENTIAL WELL PRODUCTION; DEPTH TO WATER, 1990; CHANGE IN WATER LEVEL IN SELECTED WELLS, 1985-90; AND HYDROGRAPHS

SUMMARY OF GROUND-WATER CONDITIONS IN ARIZONA, 1987-90

By
D.W. Anning and N.R. Duet
1994