



- EXPLANATION**
- APPROXIMATE LINE OF EQUAL RELATIVE GROUND-WATER TRAVELTIME
  - AREA WHERE GROUND-WATER DISCHARGE OCCURS BY EVAPOTRANSPIRATION AND TO SEEPS, SPRINGS, PLAYAS, LAKES, AND STREAMS
  - 1  
5  
10  
RELATIVE GROUND-WATER TRAVELTIME AT THE WATER TABLE
  - TIME OF TRAVEL NOT CALCULATED—Areas containing fine-grained clastic rocks or areas surrounded by fine-grained clastic rocks. Relative velocity of ground water in fine-grained clastic rocks is probably less than  $1 \times 10^6$
  - BOUNDARY OF GROUND-WATER UNIT
  - BV - 04 DESIGNATION OF GROUND-WATER UNIT
  - GROUND-WATER DIVIDE WITHIN A GROUND-WATER UNIT
  - APPROXIMATE DIRECTION OF GROUND-WATER FLOW AT THE WATER TABLE
  - 20.5 / 757  
SPRING—Temperature is equal to or greater than 20 degrees Celsius. Upper number indicates temperature in degrees Celsius. Lower number indicates discharge in liters per minute. Dash indicates unknown discharge rate
  - 18 / 376  
SPRING—Temperature is less than 20 degrees Celsius. Upper number indicates temperature in degrees Celsius. Lower number indicates discharge in liters per minute. Only springs with discharge equal to or greater than 200 liters per minute are shown. Dash indicates unknown temperature
  - ◇ GROUND-WATER SINK—Area where ground water is moving vertically downward to a lower carbonate aquifer

SCALE 1:500,000  
10 0 10 20 30 40 50 KILOMETERS  
10 0 10 20 30 40 50 MILES  
CONTOUR INTERVAL 500 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Base from U.S. Geological Survey  
State base maps, Utah, 1976, and Nevada, 1965

**MAP SHOWING RELATIVE GROUND-WATER TRAVELTIMES AND FLOW PATHS AT THE WATER TABLE AND NATURAL DISCHARGE AREAS, BONNEVILLE REGION, UTAH AND NEVADA**