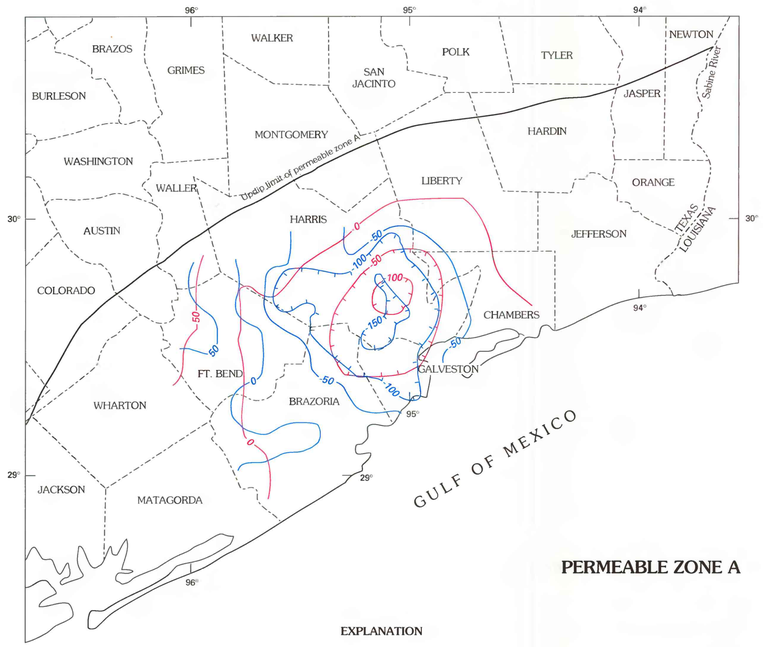
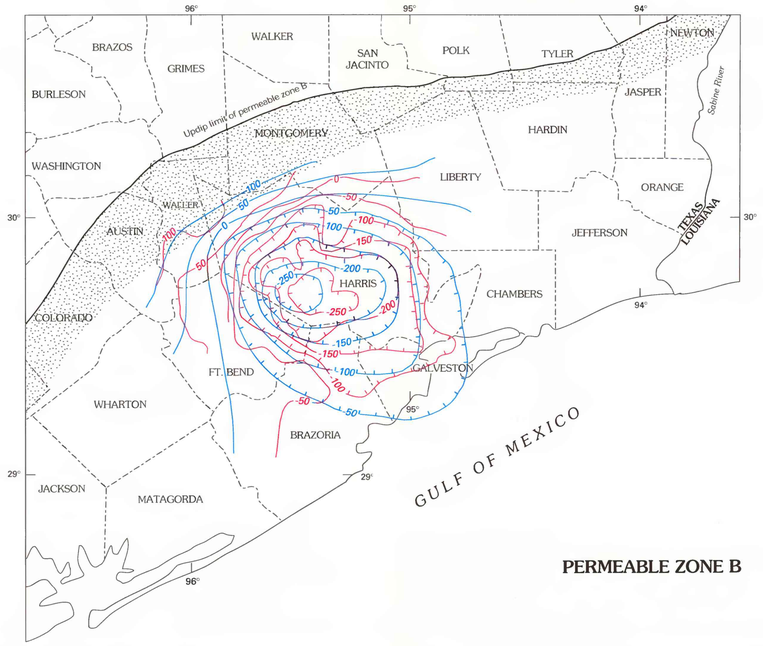
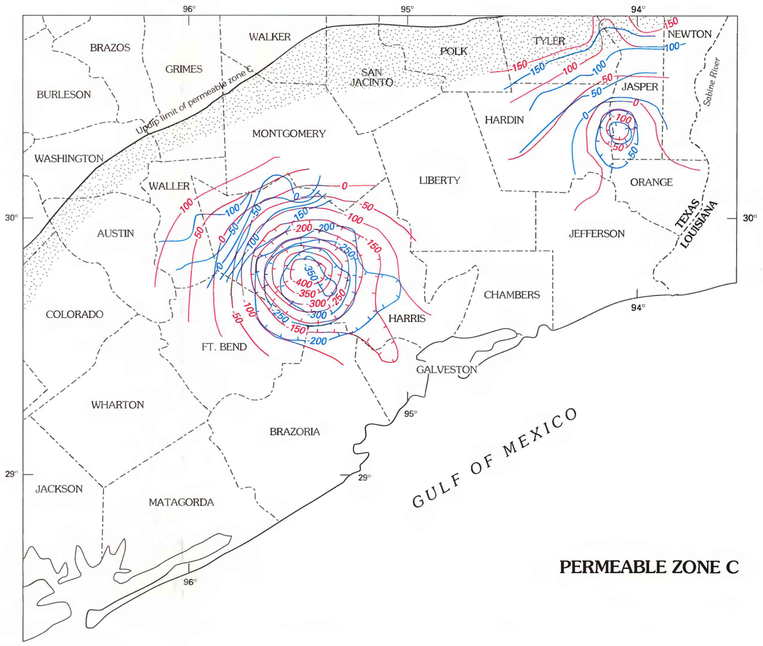


PERMEABLE ZONE A



PERMEABLE ZONE B



PERMEABLE ZONE C

EXPLANATION

OUTCROP AREA

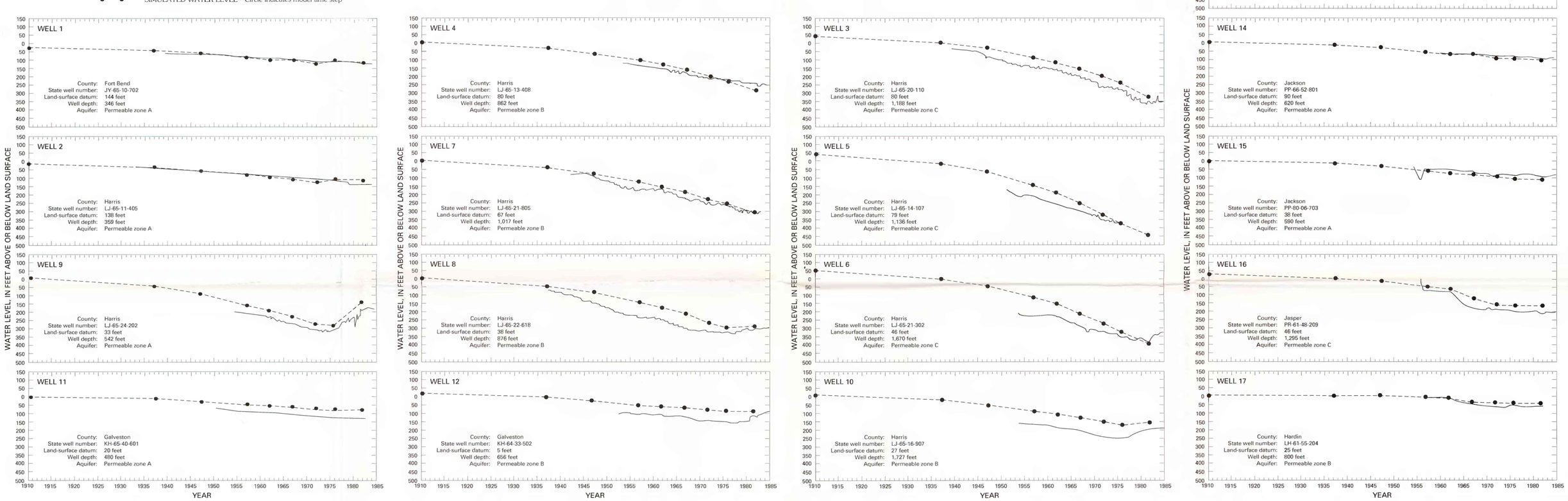
–50 POTENTIOMETRIC CONTOUR—Shows altitude at which water levels would have stood in tightly cased wells. Hachures indicate depression. Contour interval 50 feet. Datum is sea level

–50 SIMULATED POTENTIOMETRIC CONTOUR—Shows altitude at which water levels would have stood in tightly cased wells. Hachures indicate depression. Contour interval 50 feet. Datum is sea level

MEASURED WATER LEVEL

SIMULATED WATER LEVEL—Circle indicates model time step

0 10 20 30 40 50 MILES
0 10 20 30 40 50 KILOMETERS



MAPS OF THE TEXAS GULF COAST AQUIFER SYSTEMS SHOWING MEASURED AND SIMULATED ALTITUDE OF THE POTENTIOMETRIC SURFACE OF PERMEABLE ZONES A, B, AND C IN THE HOUSTON-GALVESTON AREA, 1982; AND MEASURED AND SIMULATED WATER LEVELS IN WELLS IN THE HOUSTON-GALVESTON AND THE EVADALE-BEAUMONT AREAS, AND IN JACKSON AND WHARTON COUNTIES