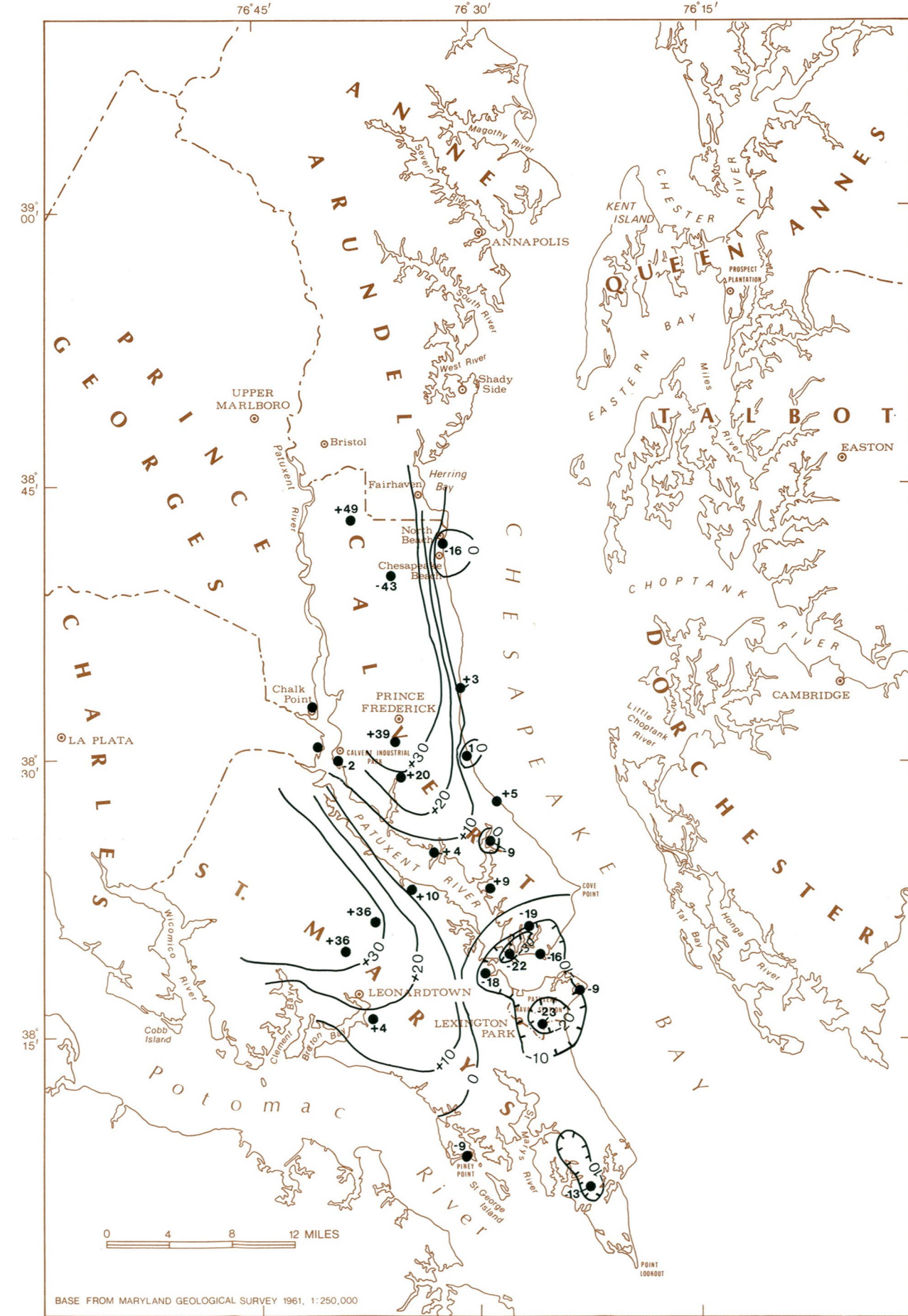
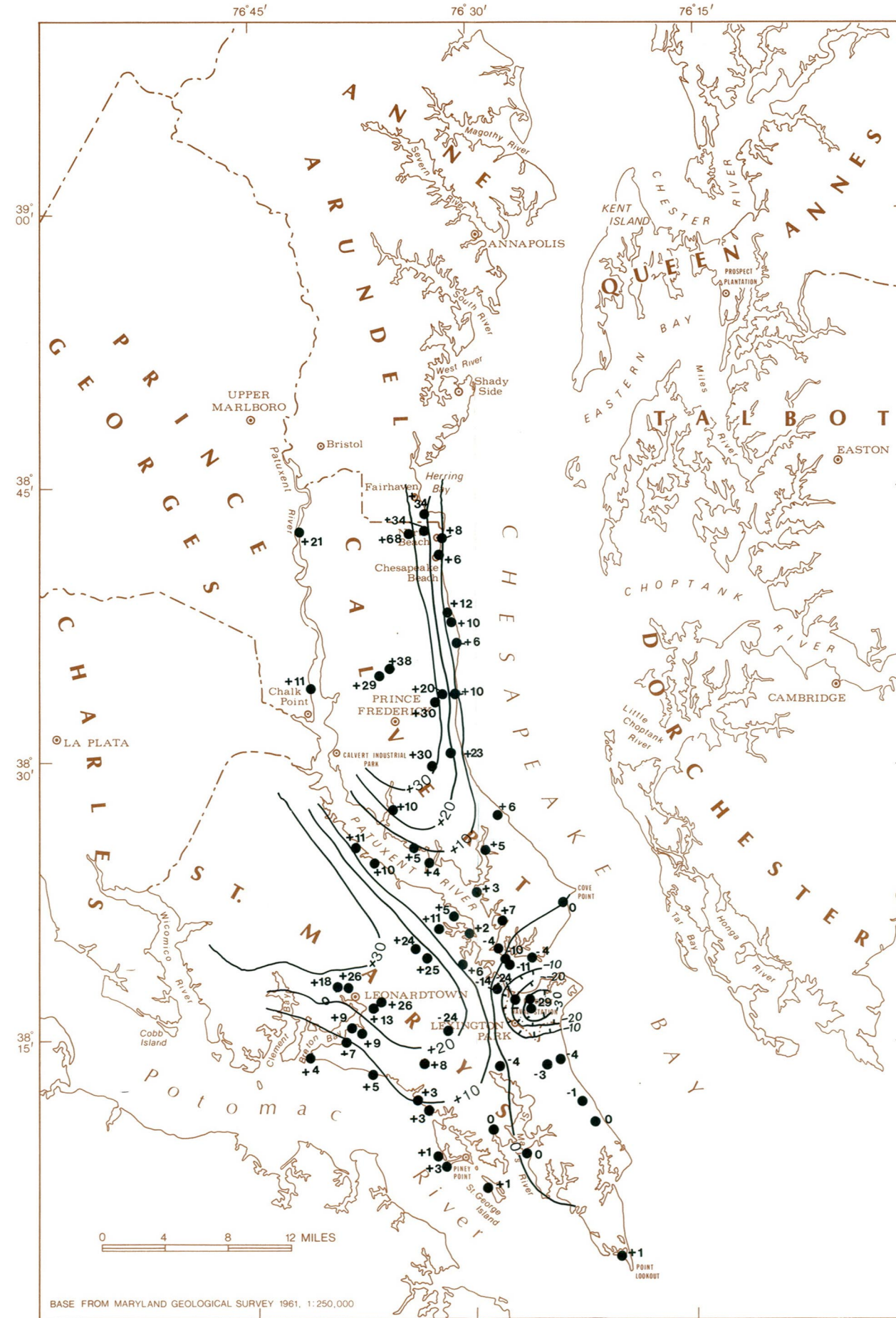
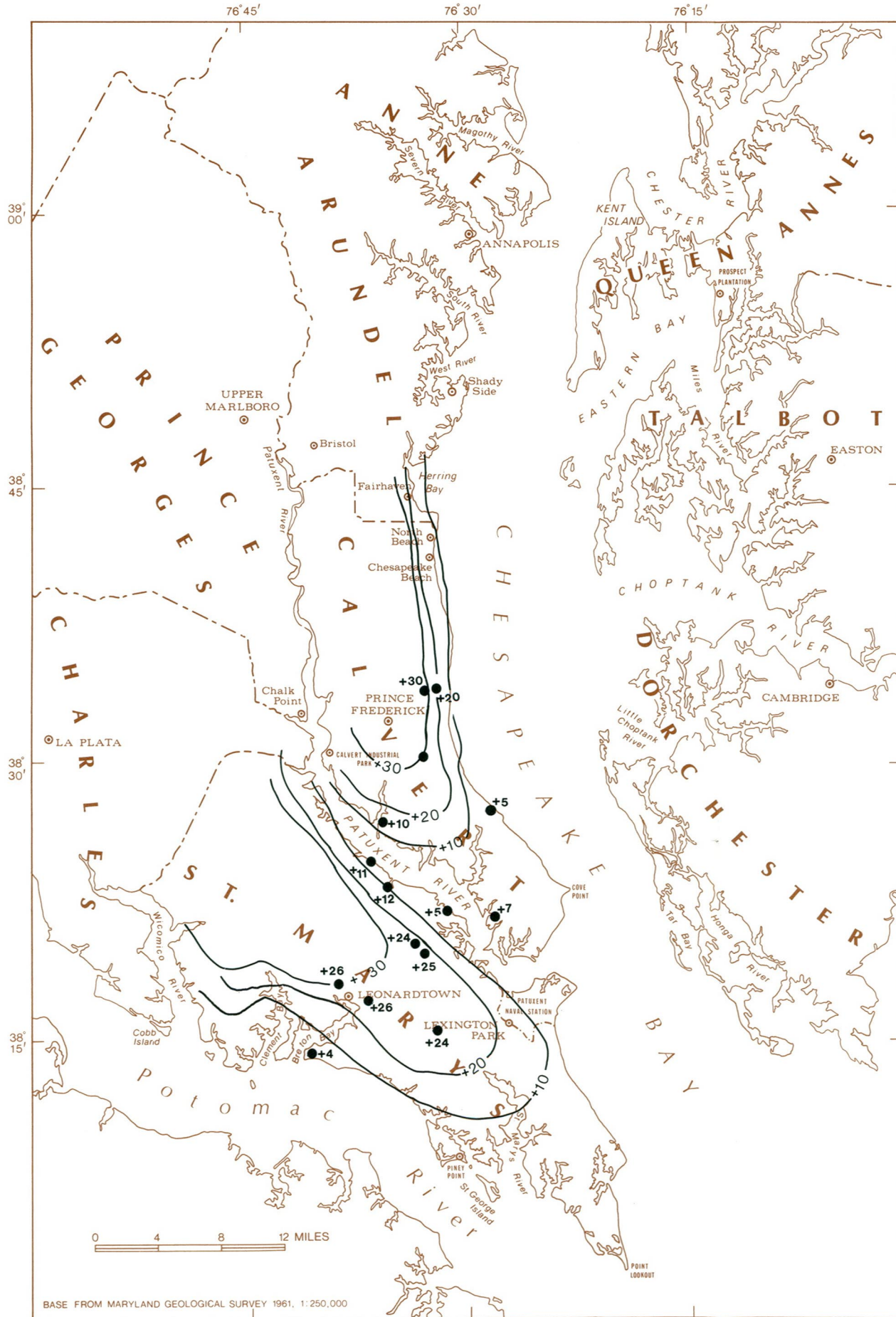


Plate 11.—Map showing simulated prepumping, 1952, and 1980 potentiometric surfaces of the Piney Point-Nanjemoy aquifer superimposed on measured water levels

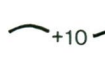



Simulated pre-pumping potentiometric surface and water levels measured early in aquifer development as reported by Darton (1896), Clark and others (1918) and Otton (1955).

Simulated potentiometric surface of 1952 and water levels measured approximately 1952 by Otton (1955).

Simulated 1980 potentiometric surface and water levels measured May 19-23, 1980.

EXPLANATION

 +10 — Simulated potentiometric contour in feet above (+) or below (-) sea level. Contour interval is 10 feet.

 +8 — Location of well used for water level control. Number is measured water level in feet above (+) or below (-) sea level.