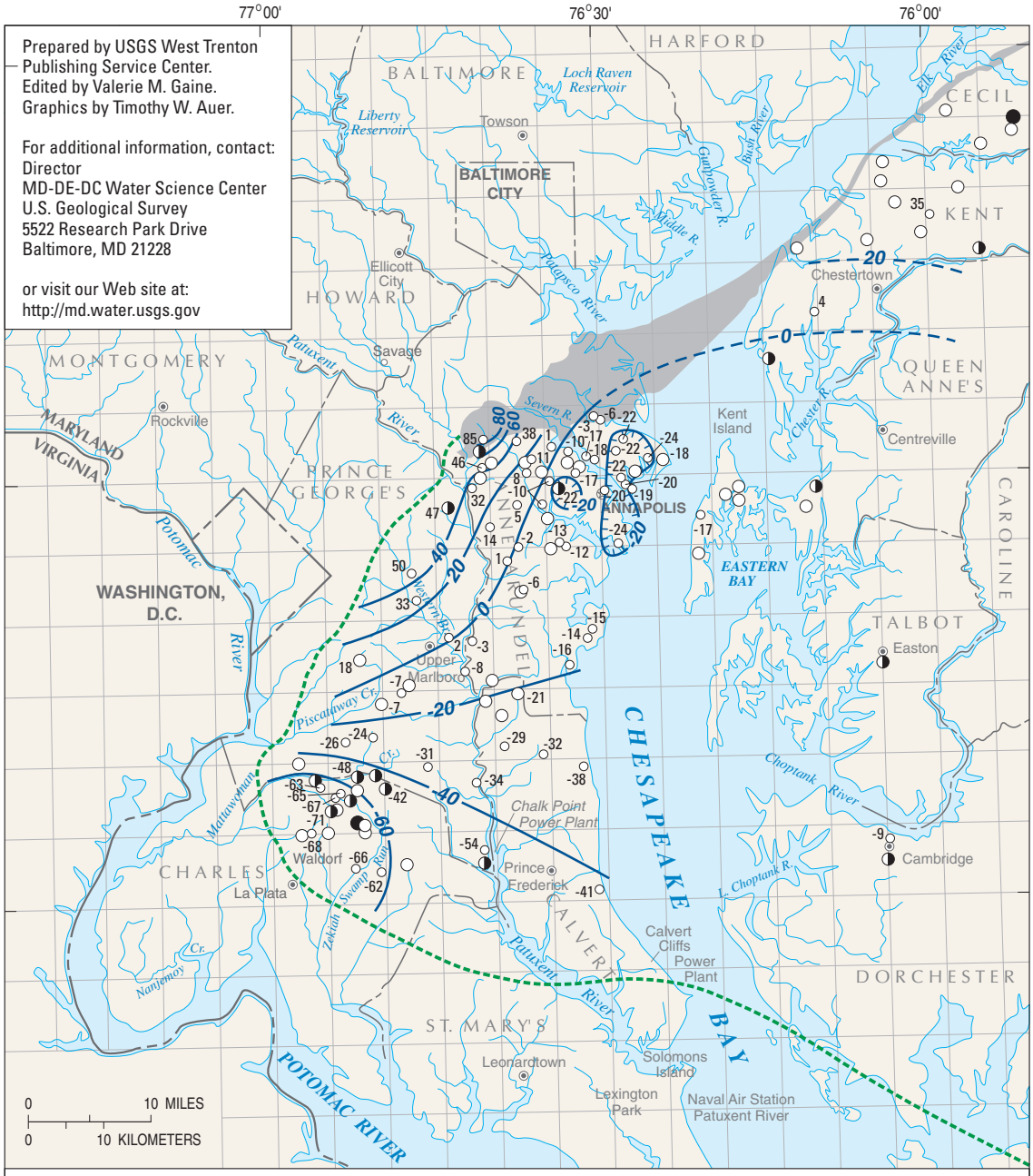
U.S. Department of the Interior
U.S. Geological Survey

Prepared in cooperation with the
Maryland Geological Survey (MGS)
and the
Power Plant Assessment Program,
Maryland Department of Natural Resources



EXPLANATION

OUTCROP/SUBCROP AREA (UNDIFFERENTIATED) OF THE MAGOTHY AQUIFER – Aquifer is in the Magothy Formation of Late Cretaceous age.

APPROXIMATE SUBSURFACE BOUNDARY OF THE MAGOTHY AQUIFER

-20 **POTENTIOMETRIC CONTOUR** – Shows altitude at which water level would have stood in tightly cased wells. Dashed where approximately located. Hachures indicate depression. Contour interval 20 feet. National Geodetic Vertical Datum of 1929 (sea level).

WELL – Number is altitude of water level, in feet above or below (-) sea level, where water-level measurements are available. Symbol indicates average yield from well or well field, in gallons per day, using 2008 withdrawal data.

-31 ○ Less than 10,000 gallons per day
○ 10,000 to 100,000
◑ 100,000 to 1,000,000
● Greater than 1,000,000

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

Potentiometric Surface of the Magothy Aquifer in Southern Maryland, September 2009

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