

ARTESIAN WATER

STATE OF MARYLAND
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PATUXENT QUADRANGLE

U.S. GEOLOGICAL SURVEY
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LEGEND



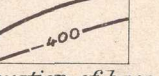
Elevation of artesian water horizon near base of Calvert formation (water occurs chiefly below sea level)



Elevation of Eocene artesian water horizon (probably near base of Nanjemoy formation, yields flowing wells 10 to 20 feet above sea level)



Elevation of artesian water horizon in Magdoff formation (yields flowing wells 10 to 20 feet above sea level)



Elevation of base of Potomac group (water occurs in local beds in most places, water not to be expected in the bed rock beneath)

Contours show elevation above and below sea level in intervals of 100 feet. Dashed lines indicate approximate location.

• 130 Artesian wells with depth in feet

• Flowing wells, numerous other flowing wells in the Potomac group of Sulley

• Deep boring for oil

Topography by Coast and Geodetic Survey and U.S. Geological Survey. Reduced from Washington, Owensville, Brandywine, and Prince Frederick sheets. Surveyed in 1886, 1890 and 1895-97.

PARTIALLY REVISED IN 1900 AND 1904-1905 IN COOPERATION WITH THE STATE OF MARYLAND.

APPROXIMATE MEAN DECLINATION 1956.

Scale 1:25,000
Miles
Kilometers
Contour interval 20 feet.
Datum is mean sea level.
Edition of June 1907

Geology of the Coastal Plain by G.B. Shattuck, B.L. Miller, and A. Bibbins, assisted by M.W. Twitchell and W.D. Neal.

Surveyed in 1900-1906.

SURVEYED IN COOPERATION WITH THE STATE OF MARYLAND.