U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

AND

MARYLAND TIDEWATER ADMINISTRATION 76° 77° 76°30' **EXPLANATION** EXPLANATION

UTCROP AREA OF THE AGUIA ACUFER — Aquifer is in the Aquid Formation of Poleocene age.

LINE OF EQUAL DEFERENCE SERVENEN THE POTENTIONERS EXPLENT THE POTENTIONERS CONTROL THE MET AGE OF SEPTEMBER 1982.

AND SEPTEMBER 1993 — Deshed where opproximate, contour interval 10 feet.

Negative sign indicates decline of potentionering surface.

WATER LEVEL DIFFERENCE AND WELL YIELD —

Number aboves the difference. In feet, between ANNE ARUNDEL AIDK LEVEL DEFECTION. AND WELL YELD —
Number shows the difference, in feet, between
the potentionatric surfaces of September 1982,
and September 1993. Symbol shows average
yield from well or well field, in gallons
per day during 1993 COUNTY SEVERNDALE Less than 10,000 0 10,000 TO 100,000 Greater than 100,000 to 1,000,000 39° PRINCE GEORGES COUNTY QUEEN ANNES COUNT WASHINGTON D.C. UPPER / VIRGINIA TALBOT COUNTY WALDORE CHARLES 38°30' COUNTY CALVERT CALVERT CLIFFS POWER PLANT DORCHESTER COUNTY ST.MARYS -25 COUNTY Pip BOUNDAY LEXINGTON POTOMAC RIVER For additional information write to: District Chief District Chief
U.S. Geological Survey
208 Carroll Building
8500 LaSalle Road
Towson, Maryland 21286
Copies of this report can
be purchased from:
U.S. Geological Survey
Books and Open-File Reports
Box 25425, Federal Center
Denver, Colorado 80225 5 MILES 5 KILOMETERS BASE FROM USGS DIGITAL LINE GRAPH, 1:250,000 38°

> THE DIFFERENCE BETWEEN THE POTENTIOMETRIC SURFACES OF THE AQUIA AQUIFER OF SEPTEMBER 1982 AND SEPTEMBER 1993 IN SOUTHERN MARYLAND