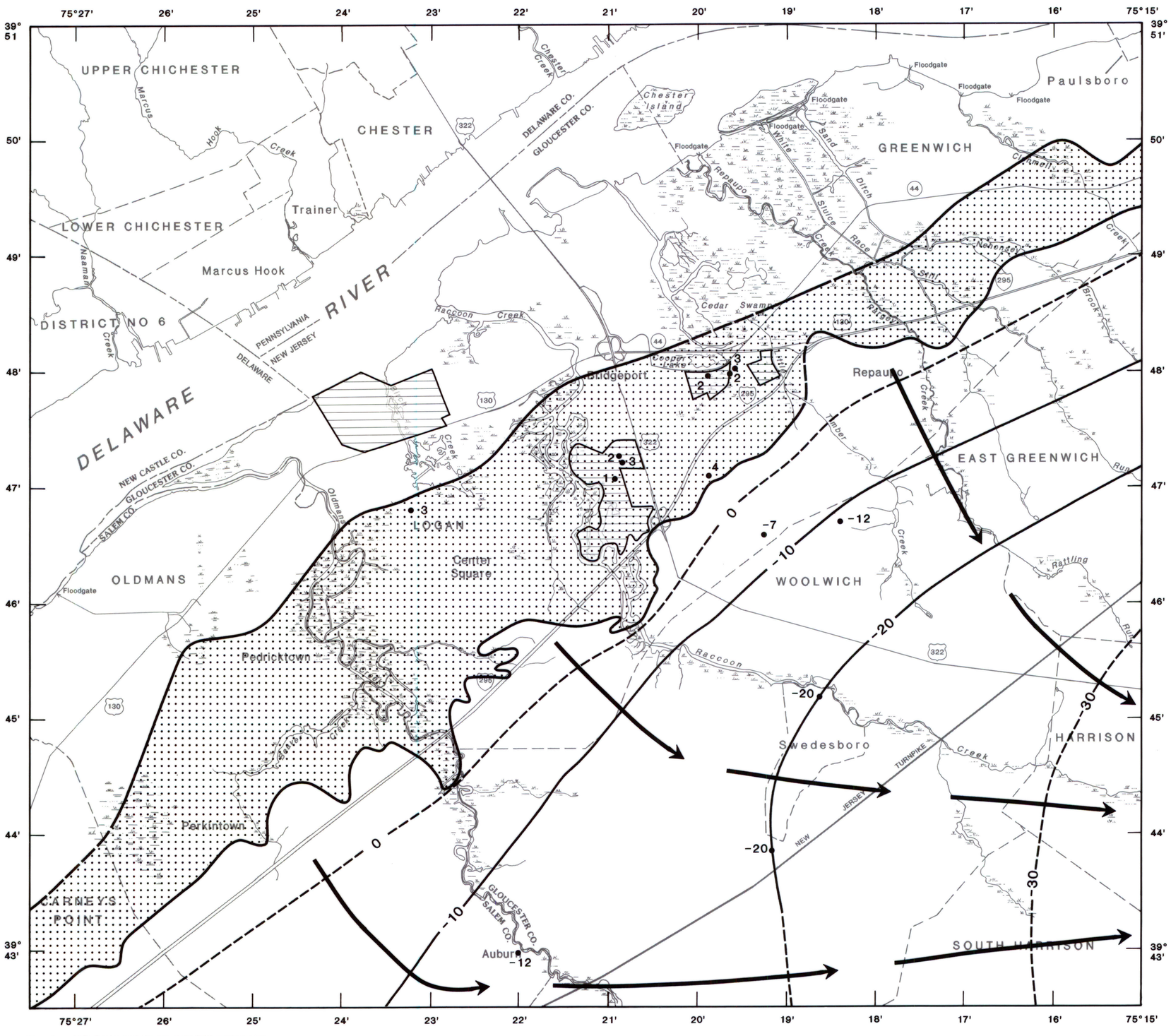


Base from U.S. Geological Survey, 1:24,000 quadrangles, Bridgeport, 1967; Marcus Hook, 1967; Penns Grove, 1967; Woodstown, 1967

EXPLANATION

OUTCROP AREA OF THE UPPER AQUIFER OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM--Represents area in which aquifer is exposed at land surface or is overlain by upper Cenozoic deposits.

LOCATION OF INDUSTRIES IN LOGAN TOWNSHIP FOR WHICH DOCUMENTED HISTORIES OF GROUND-WATER CONTAMINATION EXIST--Shaded areas are delineated by property boundaries.

—-20— POTENTIOMETRIC CONTOUR--Shows altitude at which water would have stood in tightly cased wells in confined part of the aquifer, in feet above or below sea level datum. Dashed where approximately located. Contour interval 10 feet.

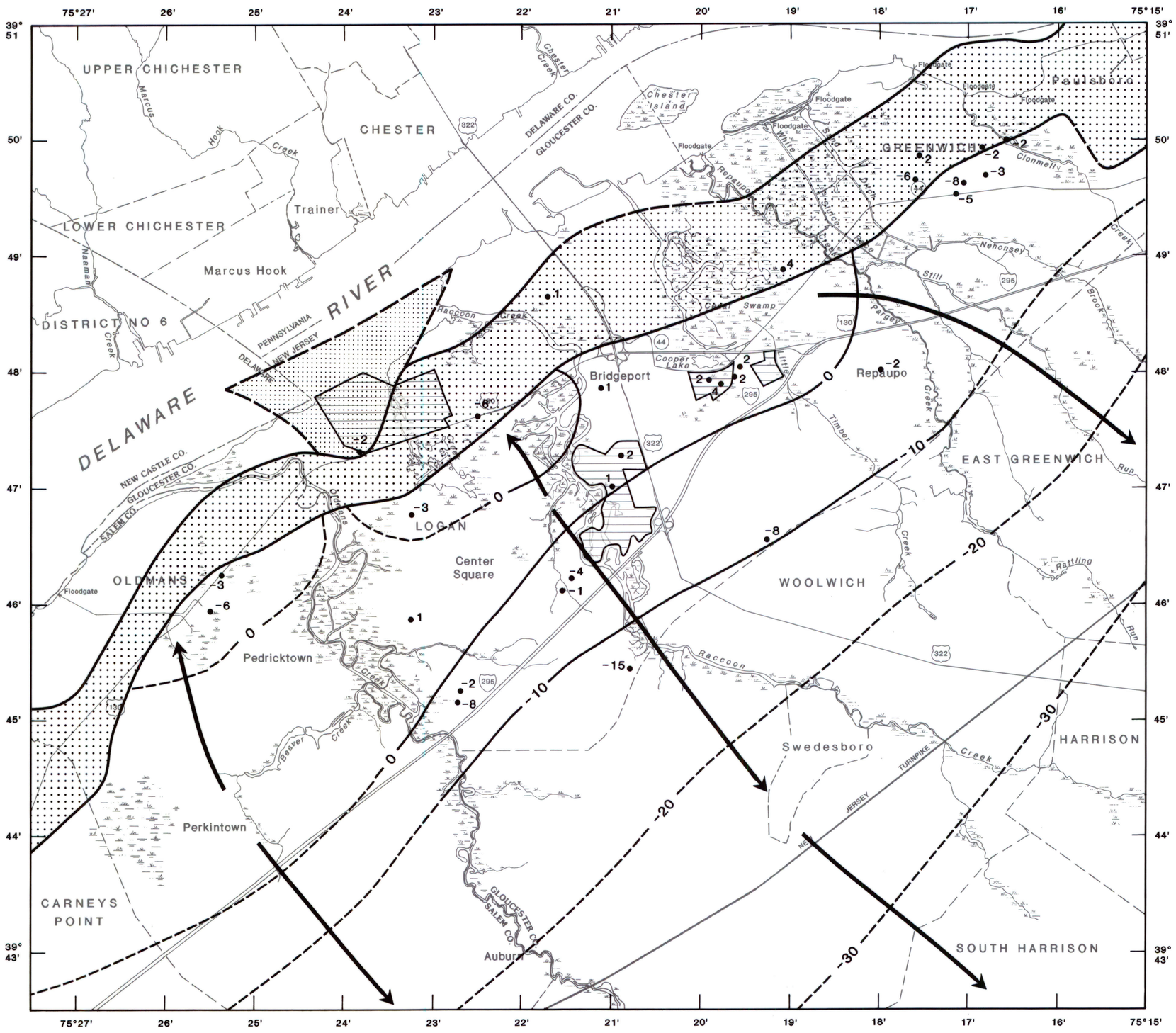
GENERALIZED DIRECTION OF GROUND-WATER FLOW IN THE CONFINED PART OF THE AQUIFER.

•-20 WELL LOCATION--Number is water level in feet above or below sea level. Measurement dates are listed in table 6.

SCALE 1:48,000

1 1/2 0 1 MILE
1 .5 0 1 KILOMETER

7a. POTENTIOMETRIC SURFACE AND GENERALIZED DIRECTION OF GROUND-WATER FLOW IN THE CONFINED PART OF THE UPPER AQUIFER OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM IN THE LOGAN TOWNSHIP REGION, NEW JERSEY.



Base from U.S. Geological Survey, 1:24,000 quadrangles, Bridgeport, 1967; Marcus Hook, 1967; Penns Grove, 1967; Woodstown, 1967

EXPLANATION

OUTCROP AREA OF THE MIDDLE AQUIFER OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM--Represents area in which aquifer is exposed at land surface or is overlain by upper Cenozoic deposits.

AREA IN WHICH THE MIDDLE AND LOWER AQUIFERS ARE UNDIFFERENTIATED.

LOCATION OF INDUSTRIES IN LOGAN TOWNSHIP FOR WHICH DOCUMENTED HISTORIES OF GROUND-WATER CONTAMINATION EXIST--Shaded areas are delineated by property boundaries.

—-20— POTENTIOMETRIC CONTOUR--Shows altitude at which water would have stood in tightly cased wells in the confined part of the aquifer, in feet above or below sea level datum. Dashed where approximately located. Contour interval 10 feet.

GENERALIZED DIRECTION OF GROUND-WATER FLOW IN THE CONFINED PART OF THE AQUIFER.

•-6 WELL LOCATION--Number is water level in feet above or below sea level. Measurement dates are listed in table 6.

SCALE 1:48,000

1 1/2 0 1 MILE
1 .5 0 1 KILOMETER

7b. POTENTIOMETRIC SURFACE AND GENERALIZED DIRECTION OF GROUND-WATER FLOW IN THE CONFINED PART OF THE MIDDLE AQUIFER OF THE POTOMAC-RARITAN-MAGOTHY AQUIFER SYSTEM IN THE LOGAN TOWNSHIP REGION, NEW JERSEY.