



AVAILABILITY OF GROUND WATER FROM UNCONSOLIDATED DEPOSITS IN THE MOHAWK RIVER BASIN, NEW YORK

By  
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Sheet 1.—Location, yield, diameter, and depth of wells, West

## INTRODUCTION

Information on the availability of ground water from unconsolidated deposits in the Mohawk River Basin, New York, is needed for water resource management. State, county, and local agencies charged with providing adequate water supplies and safeguarding New York's ground-water quality need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

To meet this need, the U.S. Geological Survey, in cooperation with the New York State Department of Environmental Conservation, has undertaken an aquifer mapping project to determine the distribution and availability of ground water in the Mohawk River Basin, New York. This report is one of a series of maps that show the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

## Purpose and Scope

The detailed mapping project was begun in 1980 in cooperation with the New York State Department of Environmental Conservation. The project was designed to determine the distribution and availability of ground water in the Mohawk River Basin, New York. This report is one of a series of maps that show the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

The reconnaissance mapping of surficial aquifers in the Mohawk River Basin, New York, was completed in 1985. The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

This report shows the location of unconsolidated deposits within the Mohawk River Basin, New York, and gives the estimated potential yield of wells in the basin. The map shows the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

## Previous Studies

The U.S. Geological Survey conducted reconnaissance ground-water investigations and determined the surficial aquifers in several major basins in New York State. The Mohawk River Basin was one of the basins investigated. The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

## Sources of Data

This report was compiled primarily from data collected during well inventories conducted by the U.S. Geological Survey during 1967-68 in the Mohawk River Basin, New York. The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

## MOHAWK RIVER BASIN

The Mohawk River basin, in the east-central part of New York State, has a drainage area of approximately 3,500 square miles. The Mohawk River is the largest river in the basin, and it flows into the Hudson River. The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

## YIELD, DIAMETER, AND DEPTH OF WELLS

Sheets 1, 2, and 3 show the location of wells and some test boring logs. The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

The wells shown here have been drilled to various depths, and the project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

Most domestic wells that penetrate sand and gravel deposits within the basin are 6 to 8 inches in inside diameter and are not screened. The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

Most of the large-capacity screened wells for municipal and industrial use are 12 to 24 inches in inside diameter and are screened. The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

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## EXPLANATION

Wells shown here are identified by a four-digit hypsometric number (elevation in feet above sea level) and a four-digit diameter number (in inches). The first two digits of the hypsometric number are the elevation in feet above sea level, and the last two digits are the diameter in inches. The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

● 29-52(10-8)

WELL-4 type-diameter-dug well with a hypsometric number of 29-52(10-8). The project was designed to determine the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps. In addition, agencies charged with regulating and approving the siting of landfills, feed-storage facilities, and other industrial facilities with a potential for ground-water contamination need to know the distribution and availability of ground water in the basin. This report provides information on the distribution and availability of ground water in the basin, and the results were published in 11 separate reports and maps.

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