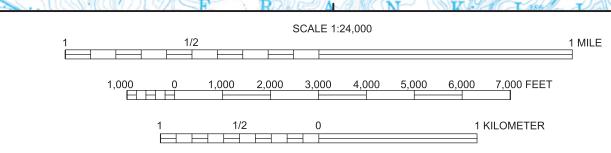


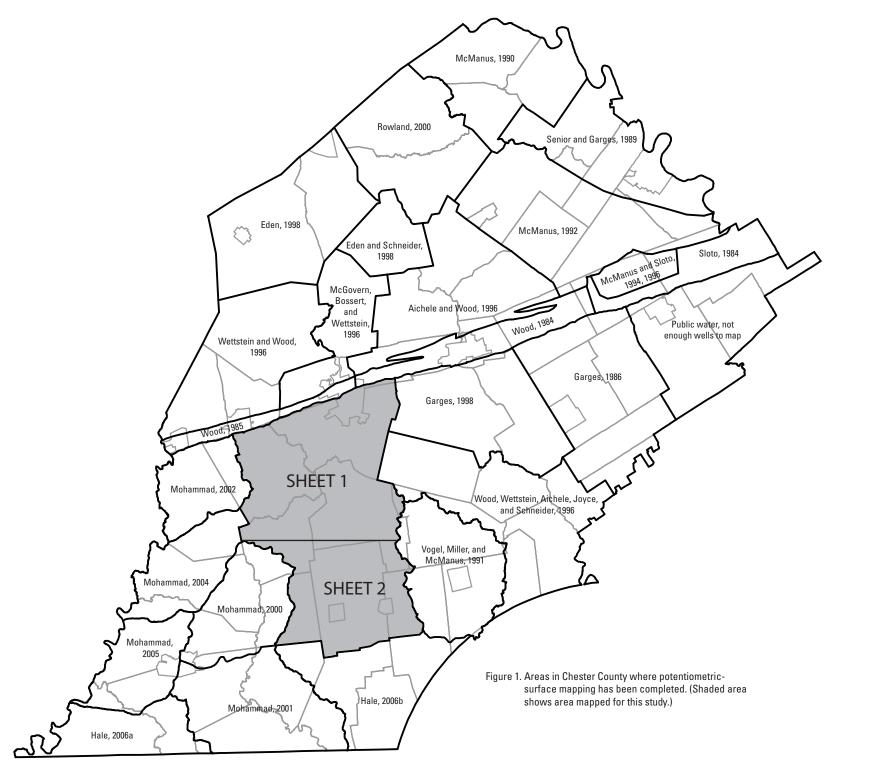
feet above National Geodetic Vertical Datum of 1929. Sites outside the study area are shown if they were used to contour the potentiometric surface.

ALTITUDE OF FLOWING SPRING

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## ALTITUDE OF STATIC WATER LEVEL IN WELL





Aichele, S.S., and Wood, C.R., 1996, Altitude and configuration of the potentiometric surface in the crystalline and metasedimentary rocks in East Brandywine, Upper Uwchlan, and Uwchlan Townships and parts of Caln, East Caln, and West Whiteland Townships, Chester County, Pennsylvania, April 1993 through June 1994: U.S. Geological Survey Open-File Report 96-338, 1 plate, scale 1:24,000.

Eden, K.S., 1998, Altitude and configuration of the potentiometric surface in Honey Brook and West Nantmeal Townships, and Honey Brook and Elverson Boroughs, Chester County, Pennsylvania, April through September 1997: U.S. Geological Survey Open-File Report 98-93, 1 plate, scale 1:24,000.

Eden, K.S., and Schneider, F.M., 1998, Altitude and configuration of the potentiometric surface in Wallace Township, Chester County, Pennsylvania, February 1996 through June 1997: U.S. Geological Survey Open-File Report 98-187, 1 plate, scale 1:24,000.

Garges, J.A., 1986, Ground-water levels in lower Paleozoic and Precambrian crystalline rocks, southeastern Chester County, Pennsylvania, July and August 1986: U.S. Geological Survey Water-Resources Investigations Report 86-4352, 1 plate, scale 1:24,000.

Garges, J.A., 1988, Ground-water levels in lower Paleozoic and Precambrian crystalline rocks of East Bradford and West Bradford Townships, Chester County, Pennsylvania, July and August 1987: U.S. Geological Survey Water-Resources Investigations Report 88-4052, 1 plate, scale 1:24,000.

Hale, L.B., 2006a, Altitude and configuration of the potentiometric surface in East Nottingham and West Nottingham Townships, Chester County, Pennsylvania, April through June 2004: U.S. Geological Survey Scientific Investigations Map 2911, 1 plate, scale 1:24,000. Hale, L.B., 2006b, Altitude and configuration of the potentiometric surface in the lower White Clay Creek and upper Christina River Basins including portions of Franklin, London, Britain, New Garden, and New London Townships, Chester County, Pennsylvania, June through September 2005: U.S. Geological Survey Scientific Investigations Map 2939, 1 plate, scale 1:24,000.
McGovern, J.E., Bossert, April, and Wettstein, W.C., 1996, Altitude and configuration of the potentiometric surface in the crystalline and metasedimentary rocks in Valley and West Brandywine Townships, Chester County, Pennsylvania, May 1992 through August 1993: U.S. Geological Survey

Open-File Report 96-339, 1 plate, scale 1:24,000. McManus, B.C., 1990, Altitude and configuration of the potentiometric surface in the Triassic sandstones and shales, northern Chester County, Pennsylvania, October 1989 through March 1990: U.S. Geological Survey Water-Resources Investigation Report 90-4114, 1 plate, scale 1:24,000.

McManus, B.C., 1992, Altitude and configuration of the potentiometric surface in the crystalline and metasedimentary rocks, northern Chester County, Pennsylvania, May through October 1990: U.S. Geological Survey Water-Resources Investigations Report 91-4182, 1 plate, scale 1:24,000.
McManus, B.C., and Sloto, R.A., 1994, Altitude and

configuration of the potentiometric surface, May and June 1993, and change in water level 1983-93, in the carbonate rocks in part of East Whiteland and Charlestown Townships, Chester County, Pennsylvania: U.S. Geological Survey Open-File Report 93-659, 1 plate, scale 1:24,000.

McManus, B.C., and Sloto, R.A., 1996, Altitude and configuration of the potentiometric surface, December 6, 1994, in the carbonate rocks in part of East Whiteland and Charlestown Townships, Chester County, Pennsylvania: U.S. Geological

1:24,000.

Survey Open-File Report 96-367, 1 plate, scale

of the potentiometric surface in upper Elk Creek watershed, Chester County, Pennsylvania, January through June 1999: U.S. Geological Survey Open-File Report 99-475, 1 plate, scale 1:24,000. Mohammad, Abdul, 2001, Altitude and configuration of the potentiometric surface in the lower Elk Creek watershed, Chester County, Pennsylvania, March through September 2000: U.S. Geological Survey Open-File Report 01-329, 1 plate, scale 1:24,000. Mohammad, Abdul, 2002, Altitude and configuration of the potentiometric surface in Highland and West Fallowfield Townships, Chester County, Pennsylvania, March through July 2001: U.S. Geological Survey Open-File Report 02-167, 1 plate, scale 1:24,000.

REFERENCES FOR COMPLETED POTENTIOMETRIC MAPS CITED IN FIGURE 1

Mohammad, Abdul, 2004, Altitude and configuratoin of the potentiometric surface in West Fallowfield, Upper Oxford, and Lower Oxford Townships, Chester County, Pennsylvania, March through July 2002: U.S. Geological Survey Open-File Report 03-262, 1 plate, scale 1:24,000. Mohammad, Abdul, 2005, Altitude and configuration

of the potentiometric surface in part of Lower Oxford, East Nottingham, and West Nottingham Townships, and in part of the Borough of Oxford, Chester County, Pennsylvania, April through June 2003: U.S. Geological Survey Scientific Investigations Map 2876, 1 plate, scale 1:24,000.

Mohammad, Abdul, 2000, Altitude and configuration

Rowland, C.J., 2000, Altitude and configuration of the potentiometric surface in Warwick and East Nantmeal Townships, Chester County, Pennsylvania, July through December 1998: U.S. Geological Survey Open-File Report 99-458, 1 plate, scale 1:24,000. Senior, L.A., and Garges, J.A., 1989, Altitude and configuration of the potentiometric surface in the Triassic sandstones and shales, northeastern Chester County, Pennsylvania, September 1987 through January 1988: U.S. Geological Survey Water-Resources Investigations Report 89-4043, 1 plate, scale 1:24,000.
Sloto, R.A., 1984, Water-table contour map of the carbonate rocks of eastern Chester County, Pennsyl-

vania: U.S. Geological Survey Open-File Report 84-235, 1 plate, scale 1:24,000. Vogel, K.L., Miller, W.E., and McManus, B.C., 1991, Altitude and configuration of the water-level surface in the lower Paleozoic and Precambrian crystalline rocks of the Red Clay Creek basin, Chester County, Pennsylvania, and New Castle County, Delaware, June through October 1989 and March 1990: U.S. Geological Survey Water-Resources Investigations Report 91-4004, 1 plate, scale 1:24,000. Wettstein, W.C., and Wood, C.R., 1996, Altitude and configuration of the potentiometric surface in the crystalline and metasedimentary rocks in Sadsbury, West Caln, and West Sadsbury Townships, Chester County, Pennsylvania, April 1993 through August 1994: U.S. Geological Survey Open-File Report 96-340, 1 plate, scale 1:24,000. Wood, C.R., 1984, Ground-water levels in the carbonate

rocks of central Chester County, Pennsylvania, May 18 to June 15, 1984: U.S. Geological Survey Open-File Report 84-715, 1 plate, scale 1:24,000.

Wood, C.R., 1985, Ground-water levels in the lower Paleozoic carbonate rocks of western Chester Valley, Chester County, Pennsylvania, November, 1984: U.S. Geological Survey Water-Resources Investigations Report 85-4224, 1 plate, scale 1:24,000.

Wood, C.R., Wettstein, W.C., Aichele, S.S., Joyce, James, and Schneider, F.M., 1996, Altitude and configuration of the potentiometric surface in the crystalline and metasedimentary rocks in Birmingham, Newlin, Pennsbury, and Pocopson Townships and parts of East Marlborough and Kennett Townships, Chester County, Pennsylvania, June 1994 through November 1995: U.S. Geological Survey Open-File Report 96-336, 1 plate, scale 1:24,000.

ALTITUDE AND CONFIGURATION OF THE POTENTIOMETRIC SURFACE IN THE UPPER WHITE CLAY CREEK AND LOWER WEST BRANCH BRANDYWINE CREEK BASINS INCLUDING PORTIONS OF PENN, LONDON GROVE, NEW GARDEN, LONDONDERRY, WEST MARLBOROUGH, HIGHLAND, AND EAST FALLOWFIELD TOWNSHIPS AND WEST GROVE, AVONDALE, MODENA, AND SOUTH COATESVILLE BOROUGHS, CHESTER COUNTY, PENNSYLVANIA, MAY THROUGH JULY 2006

> By LINDSAY B. HALE 2007