



Water-Data Report 2009

404321073594101 Local number NY 192. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer
New York County, NY

LOCATION.--Lat 40°43'21.44", long 73°59'40.99" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of Prince Street, 29 ft west of Elizabeth Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 665 ft. Upper casing diameter 3 in; top of first opening 120 ft, bottom of last opening 665 ft. Cased to 120 ft, open hole.

DATUM.--Land-surface datum is 46.87 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--January 2002 to current year.

GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.75 ft above sea level, June 24, 2003; lowest measured, 0.94 ft below sea level, June 9, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Water level	Date	Water level
Oct 24	2.24	Jun 30	2.93
Nov 25	2.43	Jul 22	2.89
Dec 18	2.58	Aug 27	3.14
Feb 2	3.00	Sep 29	3.22

