

## GROUND-WATER LEVELS

## ARLINGTON COUNTY

385346077073701. Local number, 53V 1.

LOCATION.--Lat 38°53'46", long 77°07'37", Hydrologic Unit 02070010, at Langston School, 4854 Lee Highway in Arlington. Owner: Arlington County School Board.

AQUIFER.--Brandywine Formation of Pleistocene age and Bryn Mawr (?) Gravel of Pliocene (?) age, overlying the Sykesville Formation of Precambrian age.

WELL CHARACTERISTICS.--Dug unused water well, diameter 24 in., depth 35 ft, terracotta casing.

INSTRUMENTATION.--Occasional measurement with chalked tape by USGS personnel. Prior to Oct. 1, 1989, occasional measurement with chalked tape.

DATUM.--Elevation of land-surface datum is 410 ft above sea level, from topographic map. Measuring point: Inner flange of manhole, at land-surface datum.

REMARKS.--Water levels affected by water running into well from broken water main October 1992 to August 1993.

PERIOD OF RECORD.--October 1931 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.19 ft (result of broken water main) below land-surface datum, June 28, 1993; lowest measured, 34.81 ft below land-surface datum, Dec. 5, 1931.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

|                 | DATE    | WATER LEVEL | DATE         | WATER LEVEL | DATE   | WATER LEVEL |
|-----------------|---------|-------------|--------------|-------------|--------|-------------|
|                 | JAN 07  | 26.80       | APR 01       | 20.89       | JUN 30 | 20.81       |
| WATER YEAR 1998 | HIGHEST | 20.81       | JUN 30, 1998 |             |        |             |
|                 | LOWEST  | 26.80       | JAN 07, 1998 |             |        |             |

