

## GROUND-WATER LEVELS

## FAIRFAX COUNTY

385638077220101. Local number, 52V 2.

LOCATION.--Lat 38°56'58", long 77°22'01", Hydrologic Unit 02070008, at U.S. Geological Survey National Center in Reston. Owner: U.S. Geological Survey.

AQUIFER.--Manassas Sandstone of Triassic age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 8 in., depth 205 ft, cased to 35 ft, open hole 35 to 205 ft.

INSTRUMENTATION.--Electronic data logger--15-minute record interval. Prior to Sept. 1, 1996, continuous strip-chart recorder.

DATUM.--Elevation of land-surface datum is 390 ft above sea level, from topographic map. Measuring point: Top of casing, 2.0 ft above land-surface datum.

REMARKS.--Missing record due to recorder malfunction.

PERIOD OF RECORD.--October 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.47 ft below land-surface datum, Mar. 30, 1984; lowest recorded, 24.92 ft below land-surface datum, Dec. 7-8, 1998.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
LOWEST DAILY VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.24	---	24.85	24.53	23.29	22.96	19.80	18.58	14.86	15.52	16.91	17.27
10	---	---	24.65	24.53	23.48	22.54	19.27	15.85	15.14	15.65	17.38	---
15	---	---	24.47	24.59	23.27	22.16	18.78	15.25	15.00	15.90	17.41	16.80
20	---	---	24.73	24.39	23.10	21.00	19.20	14.92	15.16	16.08	18.38	16.34
25	---	---	24.68	24.30	22.96	19.81	19.28	14.72	15.03	16.24	18.38	16.08
EOM	---	---	24.78	23.65	23.02	20.31	19.73	14.74	15.56	16.58	17.53	15.81

WATER YEAR 1999	HIGHEST INSTANTANEOUS	14.63	JUN 2-3, 1999
	LOWEST INSTANTANEOUS	24.92	DEC 7-8, 1998

