

GROUND-WATER LEVELS

AUGUSTA COUNTY

382523078535501. Local number, 38P 1 SOW 070.

LOCATION.--Lat 38°07'48", long 79°04'07", Hydrologic Unit 02070005, 100 ft east of State Highway 613, 0.5 mi south of intersection of State Highway 613 and U.S. Highway 11, and 0.9 mi south of Dogwood Hill. Owner: Augusta County Water Authority.

AQUIFER.--Beekmantown Group of Early Ordovician age.

WELL CHARACTERISTICS.--Drilled unused water well, diameter 8 in. to 30 ft, diameter 6 in. from 30 to 97 ft, depth 250 ft, open hole from 97 to 250 ft.

INSTRUMENTATION.--Continuous strip-chart recorder. Prior to Jan. 10, 1974, occasional measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel.

DATUM.--Elevation of land-surface datum is 1,490 ft above sea level, from topographic map. Measuring point: Top of casing, 1.5 ft above land-surface datum.

REMARKS.--Records provided by the Virginia Department of Environmental Quality - Water Division. Missing record due to recorder malfunction.

PERIOD OF RECORD.--December 1973 to current year. Unpublished records available prior to October 1987 in files of the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.02 ft below land-surface datum, Feb. 20, 1998; lowest recorded, 27.02 ft below land-surface datum, Oct. 16, 1977.

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	20.54	20.92	21.20	21.12	20.62	20.95	20.52	21.11	21.33	21.82	21.97	22.34
10	20.54	20.96	21.20	20.88	20.78	21.02	20.66	21.08	21.46	21.87	22.05	21.37
15	20.66	20.98	21.05	20.77	20.88	21.04	20.75	21.12	21.56	21.85	22.17	21.44
20	20.73	21.03	21.08	20.63	20.70	20.29	20.88	21.13	21.59	21.88	22.22	21.39
25	20.80	21.08	21.15	20.35	20.80	20.12	20.97	21.16	21.62	21.90	22.21	21.17
EOM	20.89	21.13	21.22	20.53	20.84	20.38	21.05	21.22	21.72	21.90	22.28	20.79

WATER YEAR 1999 HIGHEST INSTANTANEOUS 20.12 MAR 22, 1999
 LOWEST INSTANTANEOUS 22.34 SEP 03, 04, 05, 1999

DAILY LOW-WATER LEVELS

