GROUND-WATER LEVELS

WESTMORELAND COUNTY

381110076550501. Local number, 55P 5.

LOCATION.--Lat 38°11'10", long 76°55'05", Hydrologic Unit 02070011, behind craft shop at George Washington Birthplace National Monument, 3.8 mi southeast of Colonial Beach. Owner: National Park Service.

AQUIFER.--Middle Potomac aquifer of Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 6 in., depth 471 ft, screened 451 to 466 ft.

INSTRUMENTATION.--Digital recorder--60-minute punch. Prior to Apr. 24, 1979, continuous strip-chart recorder.

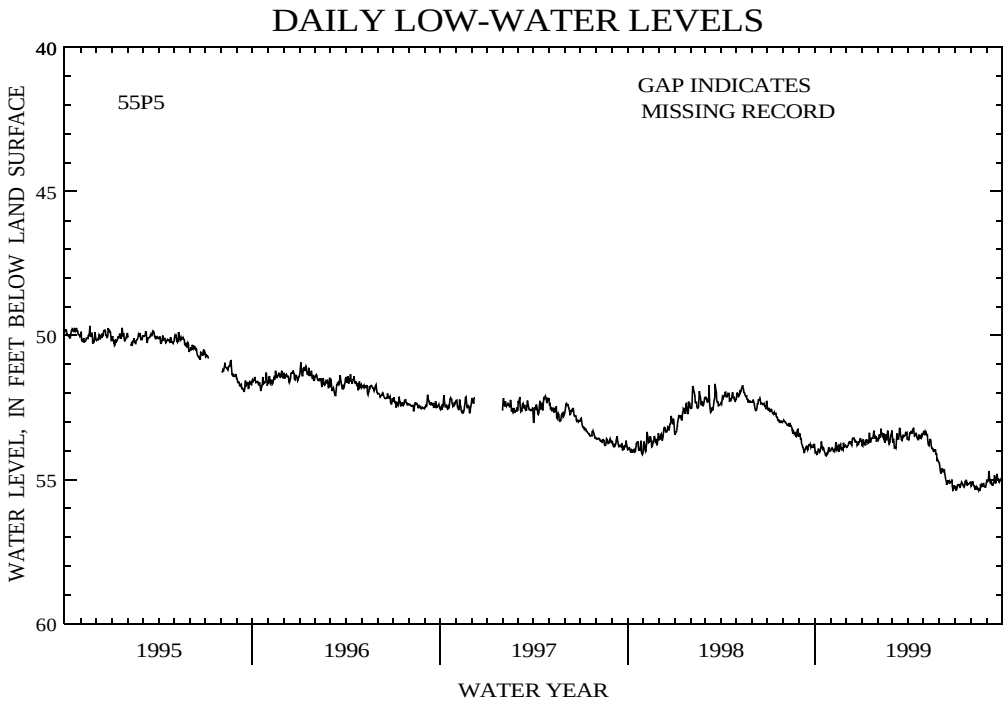
DATUM.--Elevation of land-surface datum is 24 ft above sea level, from topographic map. Measuring point: Top of recorder shelf, 3.0 ft above land-surface datum.

REMARKS.--Missing record due to recorder malfunction. Water level affected by local pumpage and regional drawdown.

PERIOD OF RECORD.--June 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.05 ft below land-surface datum, June 24, 1974; lowest recorded, 55.38 ft below land-surface datum, June 27, Aug. 16, 1999.

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	54.12	53.93	53.81	53.74	53.53	53.89	53.40	53.34	54.69	55.28	55.07	54.69
10	54.00	53.89	53.69	53.71	53.49	53.39	53.28	53.78	54.64	55.21	55.27	55.06
15	53.86	53.83	53.55	53.37	53.68	53.22	53.45	53.65	55.15	55.10	55.31	55.10
20	54.04	53.78	53.69	53.56	53.30	53.63	53.60	54.01	55.05	55.18	55.18	54.95
25	54.09	53.96	53.78	53.46	53.61	53.48	53.56	54.11	54.99	55.18	55.15	55.07
EOM	54.00	53.81	53.68	53.57	53.29	53.61	53.41	54.40	55.27	55.08	55.14	54.92

WATER YEAR 1999 HIGHEST INSTANTANEOUS 52.78 APR 11, 1999
LOWEST INSTANTANEOUS 55.38 JUN 27, AUG 16, 1999