GROUND-WATER LEVELS

MONTGOMERY COUNTY

370812080261901. Local number, 27F 2 SOW 019.

LOCATION.--Lat 37°08'12", long 80°26'19", Hydrologic Unit 05050001, off entrance road to Round Meadow Country Club, 400 ft north of State Highway 661, and 0.5 mi west of Christiansburg. Owner: Town of Christiansburg.

AQUIFER.--Beekmantown Formation of Early Ordovician age.

WELL CHARACTERISTICS.--Drilled unused water well, diameter 10 in., depth 450 ft, length of casing unknown.

INSTRUMENTATION.--Continuous strip-chart recorder. Prior to Apr. 5, 1969, one measurement with chalked tape by Virginia Department of Environmental Quality - Water Division personnel.

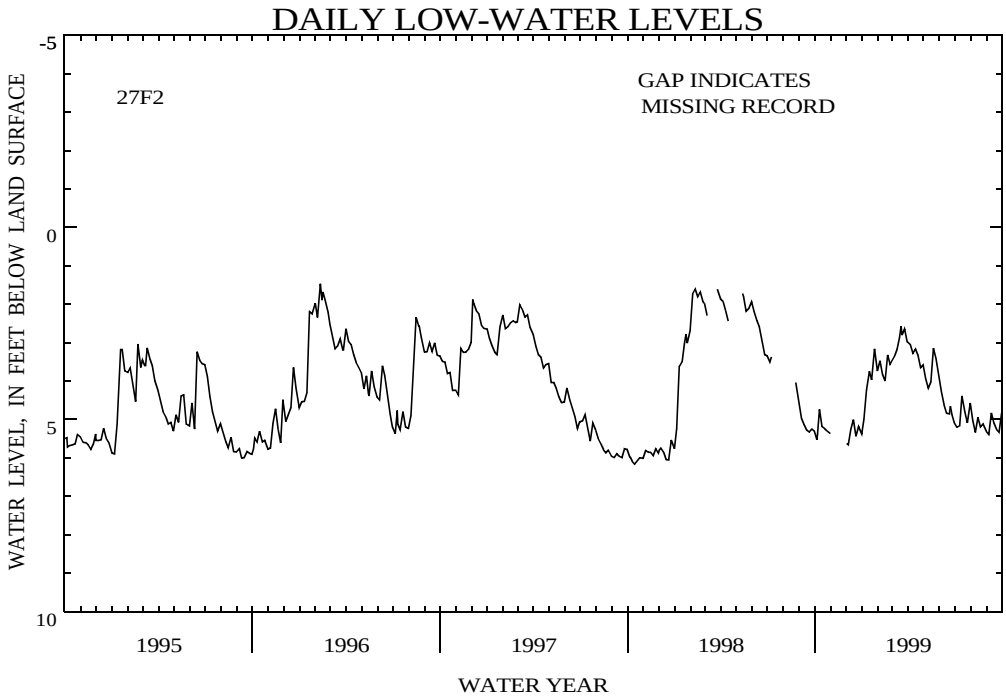
DATUM.--Elevation of land-surface datum is 1,970 ft above sea level, from topographic map. Measuring point: Top of casing, 1.5 ft below land-surface datum prior to May 1, 1990; 0.43 ft above land-surface datum thereafter.

REMARKS.--Records provided by the Virginia Department of Environmental Quality - Water Division. Lowest recorded water level, 7.39 ft, is a result of the Mexico earthquake of Sept. 19, 1985, but is not shown as the minimum of record since it is an earthquake-induced measurement. Prior to May 1, 1990, brief periods when water flowed over top of casing. Missing record due to recorder malfunction.

PERIOD OF RECORD.--July 1953, April 1969 to current year. Unpublished record available July 1953 in files of the Virginia Department of Environmental Quality - Water Division.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.02 ft above land-surface datum, Mar. 28, 1993; lowest recorded, 7.30 ft below land-surface datum, Dec. 5, 1969.

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	5.52	---	5.66	4.98	3.46	3.36	3.05	3.94	4.27	5.20	5.02	5.38
10	4.73	5.42	5.25	4.22	3.82	3.18	3.27	4.18	4.64	5.16	5.33	4.82
15	5.18	---	5.00	3.74	4.00	2.86	3.16	4.02	4.83	4.38	4.94	5.09
20	5.23	---	5.43	3.96	3.31	2.80	3.33	3.14	4.85	4.79	5.19	5.25
25	5.30	---	5.18	3.15	3.56	2.64	3.65	3.41	4.87	5.08	5.11	5.32
EOM	5.36	---	5.37	3.73	3.48	2.97	3.58	3.87	5.07	4.56	5.30	4.82

WATER YEAR 1999	HIGHEST INSTANTANEOUS	2.25	MAR 21, 1999
	LOWEST INSTANTANEOUS	5.66	DEC 05, 1998