

LANCASTER COUNTY

395957076155203. Local number, LN 2043.

LOCATION.--Lat 39°59'57", long 76°15'52", Hydrologic Unit 02050306, 40 ft upstream from bridge at intersection of Gypsy Hill Road and Long Rifle Road, and 1.5 mi north of Willow Street.

Owner: U.S. Geological Survey.

AQUIFER.--Limestone of the Cambro-Ordovician age Conestoga Formation.

WATER-LEVEL RECORDS

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in. steel, depth 100 ft, cased to 17 ft, open hole.

INSTRUMENTATION.--Pressure transducer and data logger with 60-minute recording interval.

DATUM.--Land-surface datum is 295.59 ft above sea level. Measuring point: Top of casing, 2.95 ft above land-surface datum.

REMARKS.--In addition to the daily mean water level table shown below, daily maximum and minimum water levels are also available from the District Office.

PERIOD OF RECORD.--November 1993 to current year.

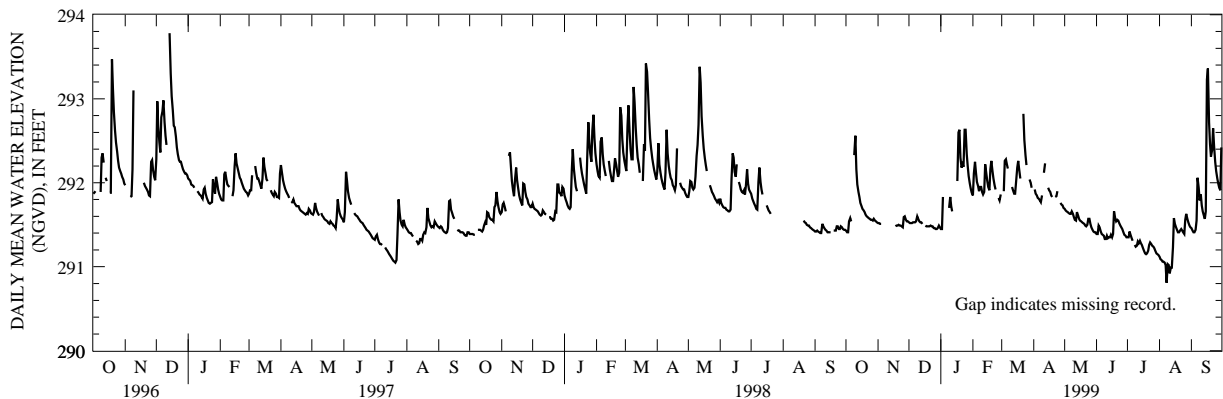
EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the daily mean water level elevation for the period of record indicated above.

Highest water level, 293.82 ft, Jan. 27, 1996; lowest water level, 290.81 ft, Aug. 8, 1999.

ELEVATION (FEET ABOVE SEA LEVEL), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	291.43	291.52	291.53	291.45	291.85	---	---	291.69	291.39	291.35	291.12	291.46
2	291.41	291.52	291.52	291.45	292.11	---	291.92	291.67	291.39	291.35	291.09	291.43
3	291.41	291.51	291.52	291.83	292.25	291.90	291.87	291.66	291.49	291.42	291.08	291.41
4	291.54	291.51	291.52	---	292.12	292.26	291.85	291.65	291.47	291.38	291.06	291.41
5	291.58	---	291.53	---	292.01	292.28	291.82	291.64	291.42	291.34	291.06	291.44
6	291.54	---	291.53	291.70	291.96	292.22	291.81	291.63	291.39	291.31	291.05	291.55
7	---	---	291.53	---	291.90	292.17	291.79	291.63	291.38	---	291.02	292.06
8	---	---	291.54	---	291.95	---	291.77	291.66	291.37	291.26	290.81	291.94
9	292.33	---	291.60	291.70	291.95	---	291.85	291.63	291.33	291.24	291.03	291.79
10	292.56	---	291.57	291.83	291.89	---	---	291.59	291.33	291.25	291.02	291.86
11	292.16	---	291.54	291.72	291.86	291.95	292.12	291.56	291.37	291.30	290.92	291.73
12	291.98	---	291.53	291.66	291.89	291.91	292.23	291.55	291.34	291.28	290.99	291.66
13	291.89	---	291.53	---	292.22	291.87	---	291.65	291.35	291.31	290.99	291.61
14	291.83	---	291.51	---	292.11	291.87	---	291.61	291.35	291.28	291.23	291.57
15	291.76	---	---	---	292.02	292.01	291.94	291.57	291.38	291.26	291.58	291.66
16	291.72	---	---	---	291.95	292.18	291.91	291.55	291.35	291.22	291.51	293.23
17	291.69	---	291.49	292.02	291.91	292.26	291.89	291.54	291.39	291.19	291.47	293.36
18	291.67	291.48	291.48	292.60	292.16	292.16	291.85	291.53	291.66	291.16	291.44	292.72
19	291.65	291.49	291.48	292.63	292.26	292.05	291.83	291.52	291.58	291.15	291.41	292.46
20	291.62	291.49	291.48	292.30	292.14	---	---	291.51	291.54	291.16	291.41	292.31
21	291.60	291.50	291.48	292.18	292.05	---	---	291.49	291.56	291.19	291.43	292.39
22	291.59	291.49	291.49	292.22	291.97	292.82	291.83	291.48	291.55	291.26	291.45	292.65
23	291.58	291.49	291.48	292.19	291.92	292.51	291.84	291.50	291.52	291.29	291.43	292.44
24	291.57	291.48	291.48	292.63	---	292.33	291.90	291.57	291.49	291.27	291.41	292.25
25	291.56	291.47	291.46	292.63	---	292.21	---	291.57	291.47	291.25	291.39	292.14
26	291.56	291.59	291.46	292.34	291.82	---	---	291.51	291.45	291.24	291.56	292.05
27	291.55	291.60	291.45	292.20	291.79	---	291.76	291.47	291.41	291.22	291.63	291.99
28	291.57	291.56	291.45	292.08	291.86	292.04	291.74	291.44	291.38	291.19	291.57	291.94
29	291.55	291.54	291.46	291.99	---	292.00	291.73	291.42	291.37	291.16	291.53	291.91
30	291.54	291.54	291.49	291.93	---	291.94	291.70	291.41	291.35	291.15	291.49	292.42
31	291.53	---	291.47	291.88	---	---	---	291.41	---	291.14	291.47	---
MEAN	291.69	291.52	291.50	292.05	292.00	292.14	291.86	291.56	291.43	291.25	291.28	292.03
MAX	292.56	291.60	291.60	292.63	292.26	292.82	292.23	291.69	291.66	291.42	291.63	293.36
MIN	291.41	291.47	291.45	291.45	291.79	291.87	291.70	291.41	291.33	291.14	290.81	291.41

WTR YR 1999: HIGHEST 293.36, SEPTEMBER 17; LOWEST 290.81, AUGUST 8.



3-YEAR HYDROGRAPH
OCTOBER 1, 1996 TO SEPTEMBER 30, 1999

