

LANCASTER COUNTY

400506076235201. Local number, LN 514.

LOCATION.--Lat 40°05'06", long 76°23'52", Hydrologic Unit 02050306, near Landisville.

Owner: Benjamin Landis.

AQUIFER.--Kinzers Formation, Early Cambrian age.

WELL CHARACTERISTICS.--Drilled unused well, diameter 6 in., depth 260 ft, casing information not available.

INSTRUMENTATION.--Electronic data logger with 60-minute recording interval.

DATUM.--Elevation of land surface is 415 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since June 1999, are also available from the District Office.

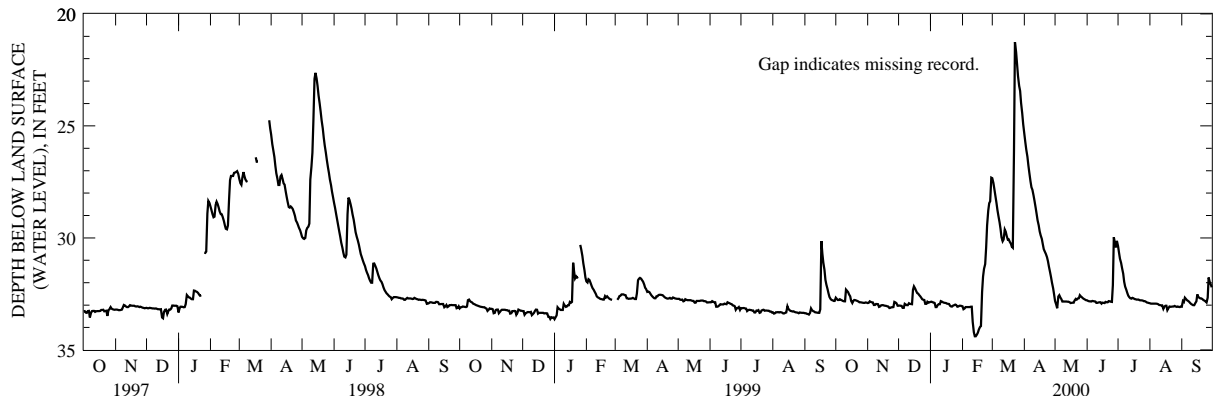
PERIOD OF RECORD.--January 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the daily maximum depth below land surface for the period of record indicated above. Highest water level, 16.89 ft below land-surface datum, Mar. 28, 1994; lowest, 35.47 ft below land-surface datum, Nov. 15, 1967.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.67	32.91	33.03	32.86	33.05	27.34	25.36	32.81	32.79	30.36	32.92	33.07
2	32.72	32.90	33.02	32.85	33.18	27.55	25.72	32.98	32.81	30.65	32.93	32.81
3	32.77	32.83	33.03	32.87	33.16	27.83	26.05	33.14	32.83	30.93	32.93	32.86
4	32.77	32.86	33.04	32.88	33.09	28.11	26.38	32.62	32.83	31.12	32.93	32.67
5	32.74	32.87	33.12	32.91	33.09	28.44	26.76	32.56	32.84	31.35	32.93	32.73
6	32.76	32.88	33.12	33.09	33.09	28.76	27.10	32.65	32.81	31.60	32.93	32.78
7	32.79	32.99	32.94	33.09	33.09	29.02	27.47	32.74	32.82	31.96	32.93	32.81
8	32.81	32.99	32.98	32.99	33.09	29.31	27.74	32.84	32.83	32.17	32.94	32.85
9	32.83	32.95	33.00	32.96	33.07	29.60	27.85	32.84	32.84	32.32	32.96	32.90
10	32.83	32.95	33.00	32.96	33.07	29.97	28.11	32.84	32.90	32.45	32.99	32.95
11	32.31	32.96	32.92	32.82	33.75	30.15	28.35	32.84	32.90	32.57	33.00	32.98
12	32.37	33.08	32.94	32.84	34.21	30.07	28.66	32.84	32.88	32.65	33.01	33.00
13	32.42	33.06	32.95	32.87	34.39	29.63	28.93	32.85	32.87	32.69	33.01	33.00
14	32.52	33.01	32.96	32.89	34.39	29.72	29.21	32.85	32.87	32.71	33.17	32.92
15	32.61	33.00	32.32	32.90	34.31	29.91	29.45	32.87	32.93	32.68	33.07	32.83
16	32.81	33.00	32.16	32.91	34.23	30.08	29.71	32.91	32.89	32.69	33.03	32.52
17	32.91	33.02	32.26	32.93	34.09	30.07	29.88	32.90	32.90	32.73	33.03	32.63
18	32.81	33.03	32.36	32.94	33.98	30.17	30.05	32.89	32.91	32.74	33.23	32.68
19	32.77	33.04	32.46	32.95	33.94	30.26	30.28	32.89	32.86	32.75	33.13	32.70
20	32.78	33.05	32.49	33.03	32.41	30.40	30.50	32.79	32.87	32.75	33.06	32.70
21	32.80	33.06	32.55	33.06	31.73	30.44	30.62	32.72	32.87	32.75	33.07	32.74
22	32.81	33.13	32.61	33.06	31.38	26.13	30.71	32.75	32.82	32.78	33.07	32.78
23	32.84	33.12	32.67	33.02	31.17	21.26	30.86	32.70	32.83	32.79	33.06	32.80
24	32.87	33.10	32.74	33.00	30.43	21.70	31.04	32.69	32.85	32.79	33.06	32.84
25	32.87	33.10	32.76	32.98	29.44	22.24	31.28	32.56	32.86	32.80	33.04	32.88
26	32.88	33.09	32.77	32.99	28.78	22.78	31.53	32.62	32.11	32.82	33.06	32.67
27	32.89	32.86	32.94	33.07	28.45	23.21	31.75	32.65	29.97	32.82	33.08	31.77
28	32.90	32.88	32.94	33.06	28.37	23.44	32.00	32.69	30.24	32.85	33.06	31.95
29	32.90	32.92	32.85	33.03	27.31	23.98	32.25	32.73	30.42	32.88	33.08	32.09
30	32.88	33.03	32.89	33.03	---	24.44	32.52	32.75	30.13	32.89	33.09	32.21
31	32.89	---	32.87	33.04	---	24.92	---	32.78	---	32.91	33.06	---
MEAN	32.76	32.99	32.80	32.96	32.34	27.45	29.27	32.78	32.48	32.35	33.03	32.70
MAX	32.91	33.13	33.12	33.09	34.39	30.44	32.52	33.14	32.93	32.91	33.23	33.07
MIN	32.31	32.83	32.16	32.82	27.31	21.26	25.36	32.56	29.97	30.36	32.92	31.77

WTR YR 2000: HIGHEST 21.26, MARCH 23; LOWEST 34.39, FEBRUARY 13, 14.



3-YEAR HYDROGRAPH  
OCTOBER 1, 1997 TO SEPTEMBER 30, 2000