

SNYDER COUNTY

403939076591001. Local number, SN 130.

LOCATION--Lat 40°39'39", long 76°59'10", Hydrologic Unit 02050301, at State Game Land No. 194, and at Meiserville.

Owner: U.S. Geological Survey.

AQUIFER--Irish Valley member of Catskill Formation, Late Devonian age.

WELL CHARACTERISTICS--Drilled observation well, diameter 6 in., depth 100 ft, cased to 40 ft, open hole.

INSTRUMENTATION--Data collection platform with 60-minute recording interval. Satellite telemetry at station.

DATUM--Elevation of land surface is 740 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of metal shelf, 3.47 ft above land-surface datum. Prior to July 3, 2000, measuring point was 3.55 ft above land-surface datum.

REMARKS--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since October 1997, are also available from the District Office.

PERIOD OF RECORD--June 1968 to current year.

EXTREMES FOR PERIOD OF RECORD--Prior to October 2000, the extremes shown were based on extremes of the daily maximum depth below land-surface datum. Since that date, the extremes are based on the instantaneous depth below land-surface datum.

Highest water level, 11.51 ft below land-surface datum, Jan. 19, 1996 (may have been higher during period of no record, Jan. 1-18); lowest, 19.63 ft below land-surface datum, Jan. 1, 2, 1999.

EXTREMES FOR CURRENT YEAR--Highest water level, 17.28 ft below land-surface datum, May 18, 19; lowest, 19.48 ft below land-surface datum, Sept. 14, 19-21.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.15	19.33	19.34	19.27	18.99	19.27	18.80	19.08	19.05	19.23	19.36	19.44
2	19.18	19.34	19.29	19.28	19.01	19.27	18.84	19.06	19.09	19.23	19.37	19.43
3	19.21	19.34	19.26	19.27	19.00	19.17	18.89	18.61	19.12	19.24	19.38	19.44
4	19.23	19.35	19.27	19.26	18.98	19.05	18.94	18.67	19.13	19.25	19.39	19.45
5	19.23	19.35	19.28	19.27	19.02	19.09	18.97	18.73	19.13	19.28	19.38	19.46
6	19.25	19.35	19.27	19.27	19.04	19.11	19.01	18.79	19.13	19.29	19.38	19.46
7	19.27	19.35	19.29	19.27	19.04	19.13	19.03	18.85	19.11	19.30	19.39	19.47
8	19.29	19.36	19.30	19.30	19.09	19.15	19.04	18.90	19.11	19.31	19.40	19.46
9	19.30	19.37	19.27	19.30	19.13	19.15	19.06	18.91	19.12	19.30	19.41	---
10	19.30	19.36	19.20	19.32	19.13	19.16	19.10	18.97	19.14	19.30	19.40	---
11	19.29	19.39	19.15	19.31	19.08	19.17	19.12	19.01	---	19.32	19.39	---
12	19.29	19.39	19.16	19.25	19.02	19.17	19.13	19.00	---	19.32	19.39	---
13	19.30	19.39	19.17	19.18	18.98	19.17	19.12	18.93	19.16	19.32	19.39	19.47
14	19.30	19.39	19.18	19.14	19.00	19.17	19.10	18.81	19.15	19.31	19.39	19.48
15	19.30	19.39	19.20	19.09	19.00	19.17	18.89	18.66	19.11	19.31	19.40	19.47
16	19.28	19.39	19.20	19.07	18.98	19.23	18.43	18.71	19.05	---	19.39	19.44
17	19.27	19.41	19.17	19.01	19.04	19.25	18.53	18.75	19.11	---	19.39	19.46
18	19.27	19.41	19.07	18.98	19.08	19.22	18.62	18.74	19.14	---	19.39	19.47
19	19.26	19.40	18.64	18.97	19.10	19.12	18.69	18.02	19.17	19.33	19.41	19.48
20	19.24	19.40	18.74	18.99	19.09	18.96	18.77	18.29	19.20	19.34	19.42	19.48
21	19.25	19.40	18.86	19.02	19.12	18.23	18.84	18.46	19.23	19.36	19.44	19.48
22	19.26	19.40	18.94	19.09	19.15	18.45	18.89	18.58	19.24	19.36	19.43	19.47
23	19.26	19.40	18.96	19.09	19.17	18.57	18.96	18.68	19.24	19.36	19.42	19.43
24	19.25	19.41	19.02	19.07	19.21	18.69	18.99	18.77	19.24	19.37	19.40	19.35
25	19.26	19.40	19.07	18.54	19.20	18.81	19.01	18.84	19.25	19.37	19.42	19.37
26	19.28	19.39	19.09	18.68	19.18	18.81	19.05	18.90	19.25	19.36	19.43	19.39
27	19.32	19.34	19.13	18.78	19.21	18.75	19.09	18.95	19.24	19.35	19.43	19.36
28	19.34	19.35	19.15	18.83	19.25	18.52	19.05	19.00	19.16	19.35	19.43	18.58
29	19.34	19.35	19.18	18.89	---	18.58	19.05	19.02	19.20	19.35	19.42	18.72
30	19.34	19.35	19.24	18.96	---	18.68	19.07	19.03	19.22	19.35	19.43	18.84
31	19.34	---	19.26	18.98	---	18.73	---	19.03	---	19.36	19.44	---
MEAN	19.27	19.38	19.14	19.09	19.08	18.97	18.94	18.80	19.16	19.32	19.40	19.36
MAX	19.34	19.41	19.34	19.32	19.25	19.27	19.13	19.08	19.25	19.37	19.44	19.48
MIN	19.15	19.33	18.64	18.54	18.98	18.23	18.43	18.02	19.05	19.23	19.36	18.58

