

SCHUYLER COUNTY

422710076462901. Local number, Sy 706.

LOCATION.--Lat 42°27'10", long 76°46'29", Hydrologic Unit 04140201, behind red barn of landowner, on State Highway 79, 0.4 mi east of the intersection of State Highways 79 and 227, and 4.5 mi northeast of Burdett. Owner: Private.

AQUIFER.--Unconfined aquifer in sand and gravel of Pleistocene age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 inch, depth 27 ft, cased to 27 ft, open end.

INSTRUMENTATION.--Electronic data recorder--hourly; monthly measurements by USGS personnel.

DATUM.--Elevation of land-surface datum is 1,160 ft above NGVD of 1929, from topographic map. Measuring point: Mark on inside of shelter, 3.83 ft above land-surface datum.

PERIOD OF RECORD.--October 2003 to September 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 3.69 ft, below land-surface datum, April 16, 2004; lowest, 8.44 ft below land-surface datum, Oct. 14, 15, 24, 25, 26, 27.

EXTREMES FOR CURRENT PERIOD.--October 2003 to September 2004; Highest water level, 3.69 ft below land-surface datum, April 16; lowest, 8.44 ft below land-surface datum, Oct. 14, 15, 24, 25, 26, 27.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.89	6.43	---	---	---	8.24	4.03	4.83	4.75	7.91	6.25	5.86
2	7.96	6.43	---	---	---	8.16	3.90	4.90	4.89	7.98	6.36	5.78
3	8.04	6.44	---	---	---	7.26	3.86	4.52	4.97	8.04	6.47	5.84
4	8.09	6.46	---	---	---	6.02	3.86	4.36	5.10	8.10	6.58	5.99
5	8.13	6.51	---	---	---	4.97	3.91	4.28	5.24	8.16	6.65	6.16
6	8.17	6.56	---	---	---	4.14	3.92	4.29	5.39	8.21	6.77	6.34
7	8.20	6.60	---	---	---	3.79	3.94	4.34	5.55	8.24	6.88	6.51
8	8.23	6.67	---	---	---	3.70	4.03	4.45	5.74	7.96	7.00	6.61
9	8.28	6.73	---	---	---	3.74	4.18	4.50	5.91	7.65	7.12	5.35
10	8.31	6.79	---	---	---	3.82	4.33	4.61	5.92	7.69	7.24	4.47
11	8.36	6.80	---	---	---	3.89	4.47	4.69	6.08	7.81	7.35	4.21
12	8.40	6.79	---	---	---	4.02	4.61	4.81	6.25	7.92	7.45	4.21
13	8.42	6.80	---	---	---	4.27	4.36	4.95	6.41	8.01	7.34	4.41
14	8.43	6.80	---	---	---	4.44	3.79	5.10	6.56	7.91	7.37	4.67
15	8.39	6.80	---	---	---	4.59	3.72	5.13	6.71	7.47	7.49	4.96
16	8.35	6.80	---	---	---	4.73	3.71	5.00	6.85	7.49	7.58	5.21
17	8.35	6.79	---	---	---	4.84	3.76	5.08	6.95	7.57	7.67	5.23
18	8.39	6.79	---	---	---	4.96	3.83	5.11	6.97	7.67	7.73	4.49
19	8.40	6.71	---	---	---	5.12	3.87	5.11	7.08	7.73	7.80	4.33
20	8.38	5.59	---	---	---	5.22	4.01	5.23	7.18	7.80	7.87	4.34
21	8.35	4.84	---	---	---	5.09	4.10	4.97	7.28	7.87	7.36	4.42
22	8.39	4.54	---	---	---	5.10	4.12	4.83	7.37	7.93	7.11	4.57
23	8.41	4.43	---	---	---	5.17	4.12	4.70	7.46	7.98	7.18	4.79
24	8.43	4.39	4.21	---	---	5.21	4.16	4.41	7.54	8.01	7.13	5.03
25	8.44	4.39	4.00	---	---	4.75	4.15	4.23	7.63	8.05	7.26	5.26
26	8.44	4.39	3.96	---	8.25	4.28	4.14	4.25	7.70	8.08	7.39	5.50
27	8.05	4.45	3.99	---	---	4.02	4.21	4.33	7.77	7.30	7.51	5.74
28	7.18	4.42	4.00	---	---	3.91	4.37	4.32	7.84	6.60	7.61	5.96
29	6.89	---	---	---	---	3.87	4.51	4.47	7.77	6.42	7.68	6.16
30	6.59	---	---	7.46	---	3.90	4.67	4.57	7.84	6.38	7.24	6.35
31	6.48	---	4.22	---	---	3.99	---	4.66	---	6.28	6.20	---
MEAN	8.09	---	---	---	---	4.81	4.09	4.68	6.56	7.68	7.18	5.29
MAX	8.44	---	---	---	---	8.24	4.67	5.23	7.84	8.24	7.87	6.61
MIN	6.48	---	---	---	---	3.70	3.71	4.23	4.75	6.28	6.20	4.21

GROUND-WATER LEVELS
SCHUYLER COUNTY—Continued

