

**CRAWFORD COUNTY**

**413542080245002. Local number, CW 413.**

**LOCATION.**--Lat 41°35'42", long 80°24'50", Hydrologic Unit 05030102, at State Game Land Number 214 near Hartstown.

Owner: U.S. Geological Survey.

**AQUIFER.**--Sandstone of Cussewago Formation of Early Mississippian age.

**WELL CHARACTERISTICS.**--Drilled observation artesian well, diameter 6 in, depth 100 ft, cased to 19 ft, open hole.

**INSTRUMENTATION.**--Continuous strip-chart recorder.

**DATUM.**--Elevation of land-surface datum is 1,110 ft above sea level, from topographic map. Measuring point: Top of casing, 2.70 ft above land-surface datum.

**REMARKS.**--Since the June 9, 1981 well pumping and clean out, the monthly mean water levels have generally been from 12 to 24 feet lower. Water levels were also affected by intermittent pumping.

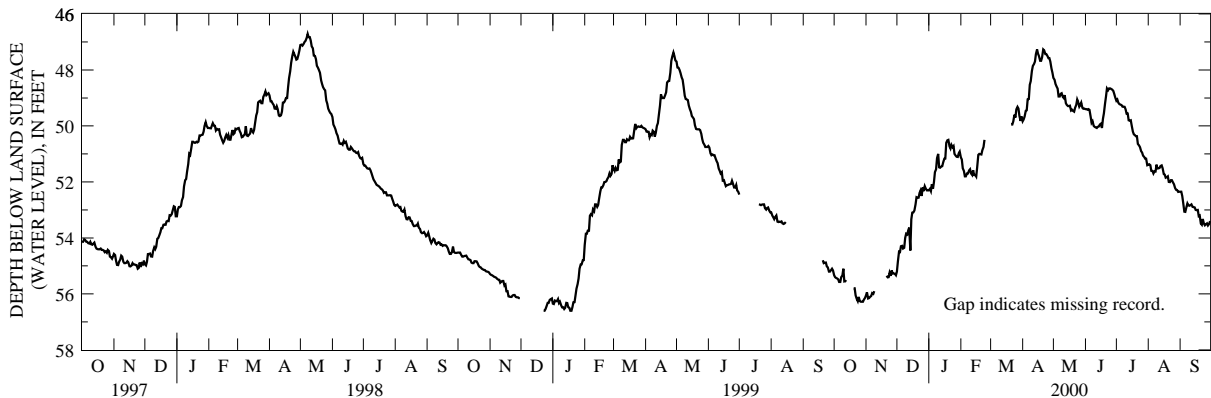
**PERIOD OF RECORD.**--July 1967 to current year. Prior to June 1981, water-level data stored with well identification number 413542080245001.

**EXTREMES FOR PERIOD OF RECORD.**--Highest water level, 20.02 ft below land-surface datum, Feb. 23, 1975; lowest, 56.60 ft below land-surface datum, Dec. 23, 24, 1998, and Jan. 18, 19, 1999.

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	55.33	56.05	55.20	52.30	51.12	---	49.83	48.28	49.40	49.10	51.39	52.35
2	55.40	55.94	54.85	52.25	51.20	---	49.77	48.35	49.40	49.06	51.37	52.35
3	55.43	56.16	54.49	52.33	51.51	---	49.67	48.50	49.42	49.17	51.40	52.50
4	55.45	56.15	54.50	52.08	51.61	---	49.46	48.60	49.40	49.22	51.60	52.75
5	55.48	56.11	54.30	52.24	51.80	---	49.44	48.67	49.43	49.24	51.61	53.06
6	55.57	56.07	54.28	52.00	51.80	---	49.05	48.95	49.67	49.26	51.70	53.07
7	55.57	55.97	54.38	51.65	51.70	---	49.04	48.95	49.89	49.31	51.63	52.90
8	55.40	56.00	54.35	51.55	51.70	---	48.53	48.85	49.83	49.31	51.63	52.77
9	55.34	55.90	54.00	51.15	51.59	---	48.40	48.83	50.00	49.32	51.38	52.84
10	55.10	---	53.85	51.00	51.55	---	48.04	48.96	50.03	49.41	51.52	52.85
11	55.55	---	53.88	51.48	51.70	---	47.86	49.00	50.05	49.56	51.51	52.83
12	55.54	---	53.73	51.49	51.75	---	47.79	48.90	50.07	49.56	51.50	52.80
13	55.56	---	53.63	51.45	51.58	---	47.70	49.19	50.03	49.80	51.43	52.89
14	---	---	54.45	51.44	51.75	---	47.43	49.25	50.02	49.81	51.41	52.90
15	---	---	53.34	51.30	51.75	---	47.27	49.29	49.95	49.80	51.51	52.91
16	---	---	53.10	51.17	51.81	---	47.42	49.29	49.92	49.99	51.72	53.00
17	---	---	53.08	51.16	51.48	---	47.51	49.28	50.07	50.20	51.74	53.01
18	---	---	53.02	50.60	51.03	---	47.67	49.45	49.75	50.30	51.85	53.00
19	---	---	52.80	50.51	51.00	---	47.67	49.42	49.55	50.33	51.83	53.22
20	55.80	---	52.55	50.50	51.01	---	47.55	49.46	49.20	50.37	51.80	53.20
21	55.80	55.35	52.57	50.73	51.02	49.95	47.27	49.49	48.95	50.37	52.00	53.49
22	56.05	55.41	52.56	50.81	50.87	49.95	47.30	49.35	48.66	50.64	52.01	53.53
23	56.18	55.40	52.39	50.68	50.75	49.84	47.43	49.25	48.72	50.70	51.94	53.32
24	56.26	55.24	52.31	50.76	50.50	49.60	47.43	49.06	48.66	50.76	51.94	53.49
25	56.11	55.35	52.50	50.72	---	49.70	47.49	49.15	48.66	50.90	52.02	53.55
26	56.26	55.16	52.20	51.00	---	49.41	47.58	49.31	48.68	50.95	52.08	53.51
27	56.28	55.27	52.33	51.06	---	49.32	47.58	49.25	48.70	51.06	52.22	53.48
28	56.28	55.27	52.15	51.10	---	49.38	47.70	49.17	48.75	51.11	52.28	53.56
29	56.28	55.28	52.23	51.11	---	49.64	47.95	49.35	48.86	51.17	52.29	53.50
30	56.20	55.33	52.30	50.98	---	49.82	48.10	49.39	48.98	51.17	52.36	53.40
31	56.14	---	52.30	50.92	---	49.66	---	49.38	---	51.40	52.35	---
MEAN	55.77	55.65	53.34	51.27	51.40	49.66	48.10	49.08	49.42	50.08	51.77	53.07
MAX	56.28	56.16	55.20	52.33	51.81	49.95	49.83	49.49	50.07	51.40	52.36	53.56
MIN	55.10	55.16	52.15	50.50	50.50	49.32	47.27	48.28	48.66	49.06	51.37	52.35

WTR YR 2000: HIGHEST 47.27, APRIL 15, 21; LOWEST 56.28, OCTOBER 27-29.



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