DAVIE COUNTY

355359080331701. Local number, NC-142; County number, DV-025.

LOCATION.--Lat 35°53'59", long 80°33'16", Hydrologic Unit 03040102, 0.5 mi northeast of Mocksville on U.S. Highway 158 at B.C. Brocks Community Center. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined weathered granite of Paleozoic age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 30.8 ft, diameter 6 in., cased to 30.8 ft, open end, backfilled with gravel from 20 to 30.8 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at station.

DATUM.--Land-surface datum is 835 ft above NGVD of 1929 (from topographic map). Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--In October 1982, well replaced nearby NC-110. Well is part of terrane-effects network.

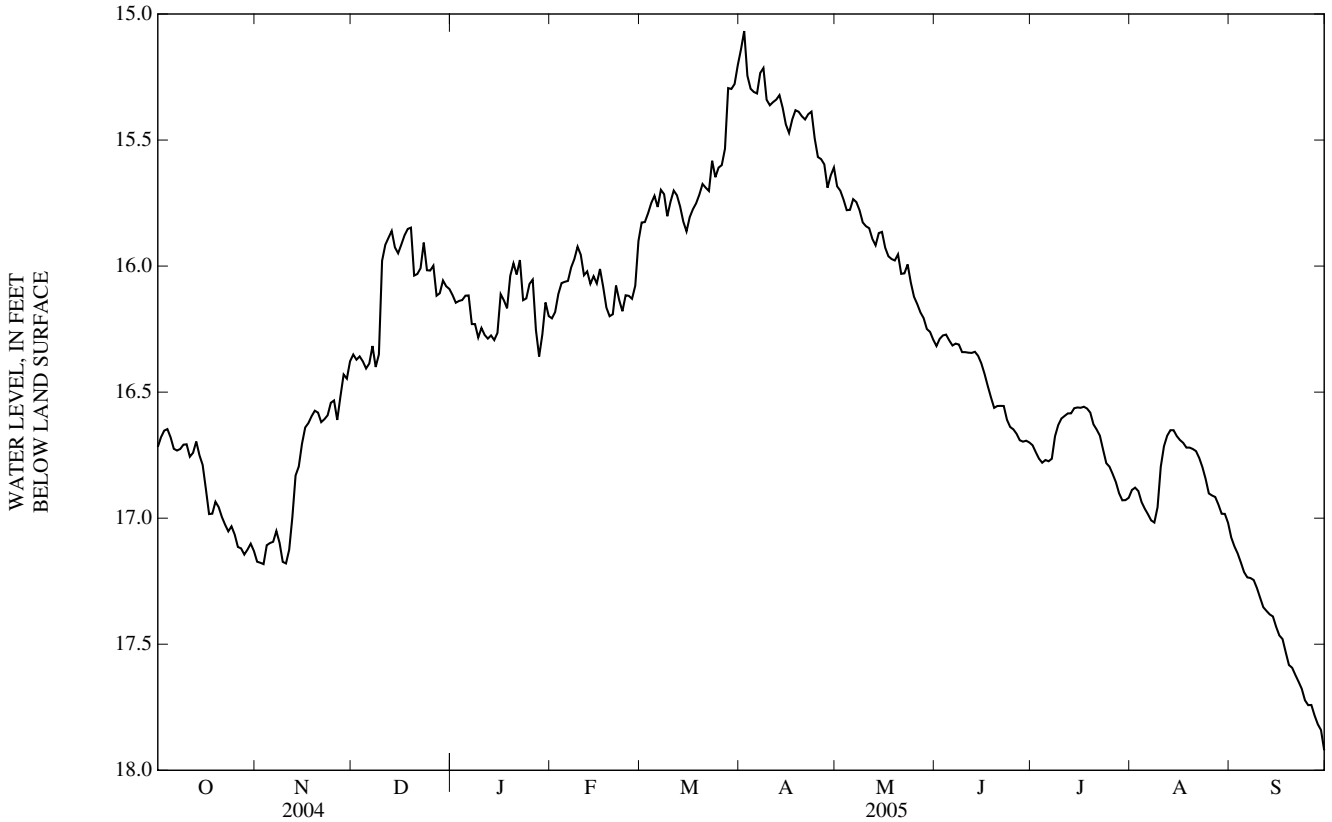
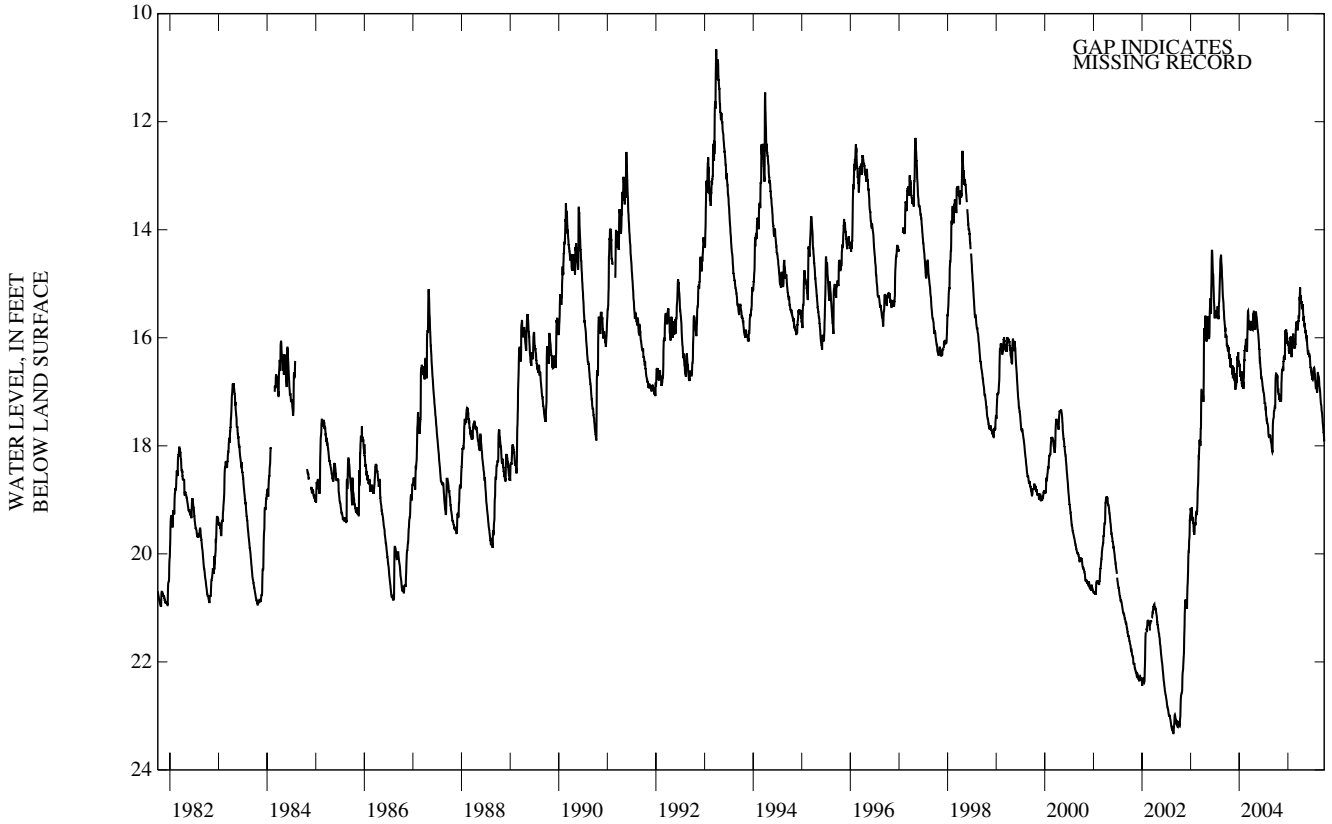
PERIOD OF RECORD.--October 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.64 ft below land-surface datum, Mar. 28, 1993; lowest water level recorded, 23.22 ft below land-surface datum, Aug. 23, 24, 25, 26, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.72	17.17	16.35	16.12	16.21	15.83	15.14	15.68	16.32	16.71	16.89	17.08
2	16.68	17.18	16.37	16.15	16.18	15.83	15.07	15.70	16.29	16.74	16.88	17.11
3	16.65	17.18	16.36	16.14	16.11	15.79	15.24	15.74	16.28	16.76	16.89	17.14
4	16.65	17.11	16.38	16.13	16.07	15.75	15.30	15.78	16.27	16.78	16.94	17.18
5	16.68	17.10	16.41	16.12	16.06	15.72	15.31	15.78	16.30	16.77	16.96	17.21
6	16.72	17.09	16.39	16.12	16.06	15.77	15.32	15.73	16.32	16.77	16.98	17.23
7	16.73	17.05	16.32	16.23	16.01	15.70	15.23	15.75	16.31	16.76	17.01	17.24
8	16.73	17.10	16.40	16.23	15.97	15.71	15.21	15.78	16.31	16.68	17.02	17.25
9	16.71	17.17	16.35	16.28	15.92	15.80	15.34	15.83	16.34	16.63	16.96	17.28
10	16.71	17.18	15.98	16.25	15.96	15.75	15.36	15.84	16.34	16.60	16.80	17.32
11	16.76	17.13	15.92	16.27	16.04	15.70	15.35	15.85	16.34	16.59	16.71	17.35
12	16.74	17.00	15.89	16.29	16.02	15.72	15.34	15.89	16.34	16.58	16.67	17.37
13	16.70	16.83	15.86	16.28	16.07	15.76	15.32	15.92	16.34	16.58	16.65	17.38
14	16.75	16.80	15.93	16.29	16.04	15.82	15.37	15.87	16.36	16.56	16.65	17.39
15	16.79	16.70	15.95	16.27	16.07	15.86	15.44	15.86	16.39	16.56	16.67	17.43
16	16.88	16.64	15.91	16.11	16.01	15.81	15.47	15.93	16.43	16.56	16.69	17.47
17	16.98	16.62	15.88	16.14	16.08	15.77	15.42	15.96	16.48	16.56	16.70	17.48
18	16.98	16.60	15.85	16.17	16.16	15.75	15.38	15.97	16.52	16.57	16.72	17.53
19	16.93	16.57	15.85	16.04	16.20	15.72	15.39	15.98	16.56	16.58	16.72	17.58
20	16.96	16.58	16.04	15.99	16.19	15.67	15.41	15.95	16.55	16.63	16.73	17.59
21	17.00	16.62	16.03	16.03	16.08	15.69	15.42	16.03	16.55	16.65	16.73	17.62
22	17.03	16.61	16.01	15.98	16.14	15.70	15.40	16.03	16.55	16.67	16.76	17.65
23	17.05	16.59	15.91	16.14	16.18	15.58	15.39	15.99	16.61	16.73	16.80	17.68
24	17.03	16.54	16.02	16.13	16.12	15.65	15.49	16.07	16.64	16.78	16.84	17.72
25	17.07	16.53	16.02	16.07	16.12	15.61	15.57	16.12	16.65	16.80	16.90	17.74
26	17.11	16.61	16.00	16.05	16.13	15.60	15.58	16.15	16.67	16.83	16.91	17.74
27	17.12	16.52	16.12	16.25	16.08	15.53	15.60	16.18	16.69	16.86	16.92	17.78
28	17.14	16.43	16.11	16.36	15.90	15.29	15.69	16.21	16.70	16.90	16.95	17.82
29	17.12	16.45	16.06	16.27	---	15.30	15.64	16.25	16.69	16.93	16.98	17.84
30	17.10	16.38	16.08	16.14	---	15.28	15.61	16.26	16.70	16.93	16.98	17.92
31	17.13	---	16.09	16.20	---	15.20	---	16.29	---	16.92	17.02	---

WTR YR 2005 MEAN 16.38 HIGH 15.07 LOW 17.92

DAVIE COUNTY—Continued

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