CHEROKEE COUNTY—Continued

351121083545002. Local number, NC-192; County number, CE-029.

LOCATION.--Lat 35°11'21", long 83°54'50", Hydrologic Unit 06020002, 0.7 mi north of Marble, 75 ft west of Secondary Road 1377. Owner: Coats American Company.

AQUIFER.--Saprolite derived from schist of Precambrian age.

WELL CHARACTERISTICS.--Drilled observation well, depth 24 ft, diameter 4 in., cased to 14 ft, screened interval from 14 to 24 ft, sand filter pack from 6 to 24 ft.

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

DATUM.--Land-surface datum is 1,710 ft above NGVD of 1929 (from topographic map). Measuring point: Three saw cuts in top of casing, 3.35 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

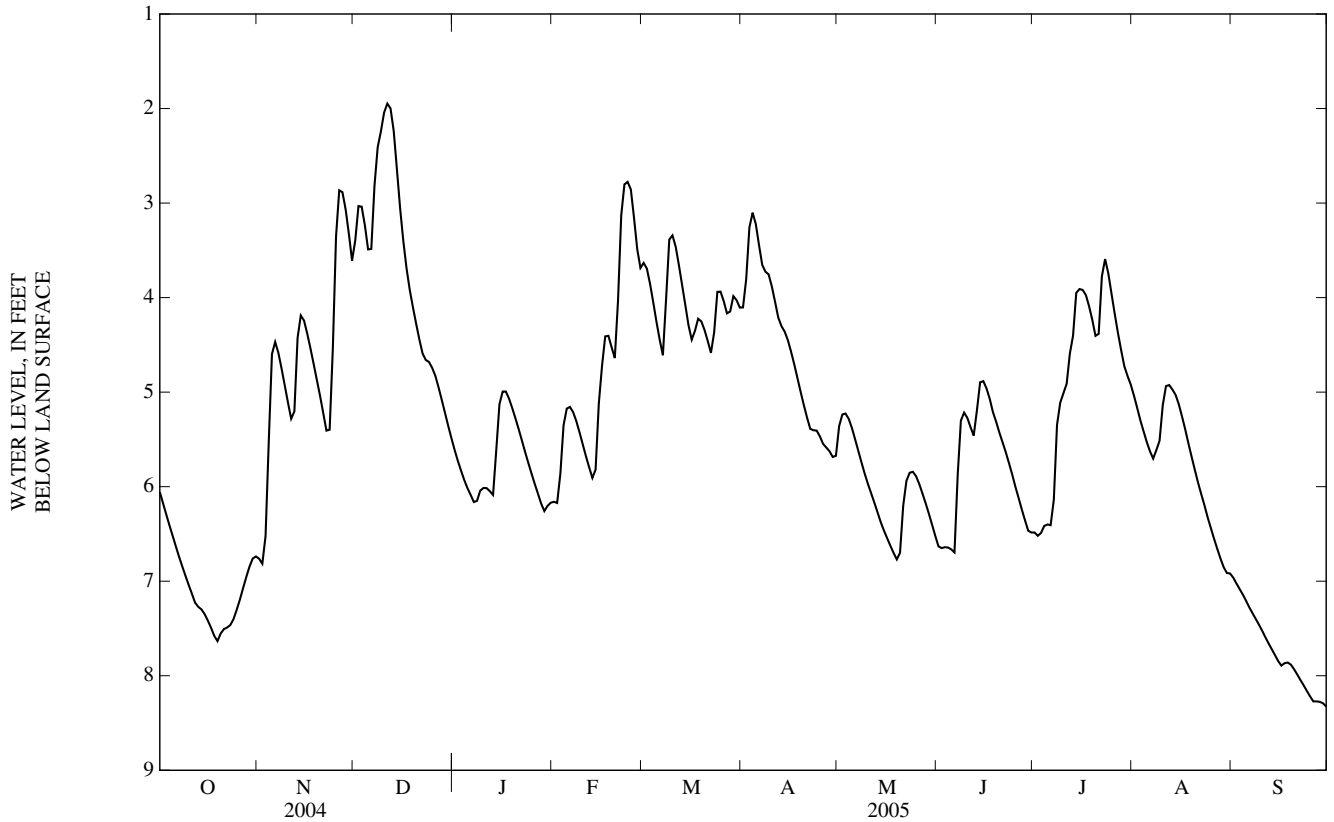
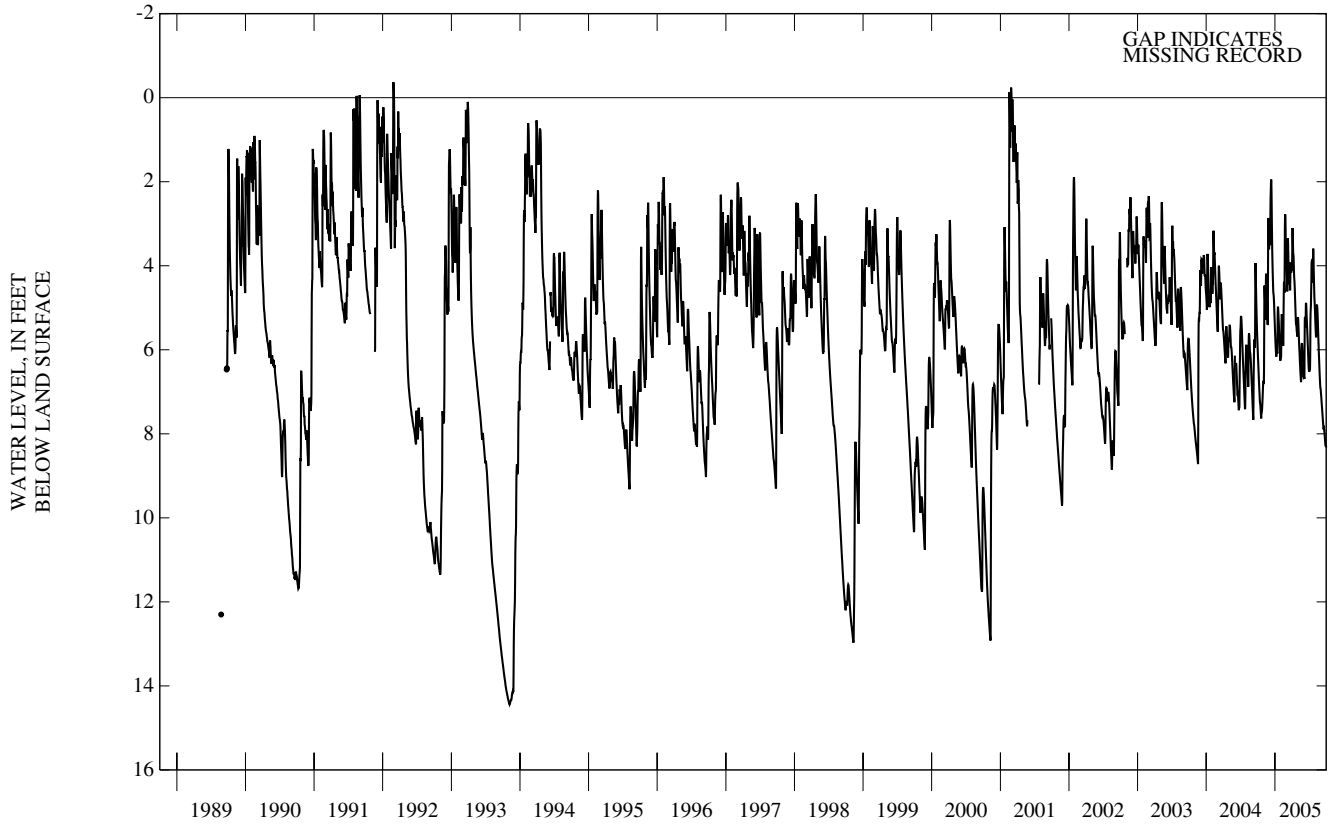
PERIOD OF RECORD.--October 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.26 ft above land-surface datum, Feb. 26, 2001; lowest water level recorded, 14.44 ft below land-surface datum, Nov. 4, 5, 6, 1993.

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	6.06	6.76	3.39	5.61	6.16	3.63	4.10	5.36	6.63	6.49	5.04	6.96
2	6.17	6.82	3.03	5.73	6.17	3.69	3.80	5.24	6.65	6.52	5.16	7.02
3	6.29	6.52	3.04	5.83	5.86	3.86	3.26	5.23	6.64	6.49	5.30	7.08
4	6.41	5.52	3.24	5.93	5.35	4.05	3.10	5.28	6.64	6.42	5.41	7.14
5	6.52	4.60	3.49	6.01	5.17	4.26	3.22	5.38	6.66	6.40	5.53	7.21
6	6.63	4.47	3.49	6.09	5.16	4.45	3.45	5.50	6.70	6.41	5.63	7.28
7	6.74	4.58	2.82	6.16	5.21	4.61	3.65	5.62	5.88	6.14	5.70	7.34
8	6.84	4.75	2.41	6.15	5.31	4.01	3.73	5.75	5.30	5.35	5.61	7.40
9	6.94	4.93	2.24	6.04	5.43	3.39	3.75	5.86	5.22	5.11	5.51	7.46
10	7.04	5.11	2.04	6.01	5.55	3.34	3.88	5.97	5.27	5.01	5.14	7.52
11	7.13	5.28	1.95	6.02	5.68	3.46	4.04	6.07	5.37	4.91	4.94	7.59
12	7.23	5.20	2.00	6.05	5.80	3.66	4.21	6.17	5.46	4.59	4.92	7.66
13	7.27	4.43	2.24	6.09	5.91	3.87	4.30	6.27	5.19	4.40	4.97	7.72
14	7.30	4.19	2.64	5.62	5.82	4.08	4.36	6.38	4.90	3.95	5.03	7.78
15	7.35	4.24	3.06	5.13	5.12	4.29	4.45	6.47	4.88	3.91	5.13	7.84
16	7.42	4.38	3.40	4.99	4.72	4.45	4.57	6.55	4.96	3.92	5.26	7.89
17	7.49	4.54	3.69	4.99	4.41	4.35	4.71	6.63	5.07	3.97	5.39	7.87
18	7.58	4.70	3.92	5.07	4.40	4.22	4.85	6.70	5.21	4.09	5.54	7.86
19	7.63	4.87	4.10	5.17	4.53	4.25	5.00	6.77	5.31	4.23	5.68	7.88
20	7.55	5.04	4.28	5.28	4.64	4.34	5.14	6.70	5.43	4.40	5.82	7.93
21	7.51	5.22	4.44	5.39	4.03	4.46	5.27	6.20	5.53	4.38	5.96	7.99
22	7.49	5.41	4.59	5.51	3.13	4.58	5.39	5.94	5.64	3.77	6.08	8.05
23	7.46	5.40	4.66	5.63	2.80	4.37	5.40	5.85	5.75	3.59	6.20	8.10
24	7.40	4.54	4.68	5.75	2.78	3.94	5.41	5.84	5.87	3.74	6.32	8.16
25	7.30	3.35	4.74	5.86	2.86	3.94	5.47	5.89	6.00	3.96	6.44	8.22
26	7.19	2.87	4.83	5.97	3.16	4.04	5.55	5.97	6.12	4.17	6.55	8.27
27	7.07	2.88	4.95	6.07	3.49	4.17	5.59	6.07	6.24	4.37	6.66	8.27
28	6.95	3.07	5.08	6.18	3.69	4.15	5.63	6.17	6.35	4.56	6.76	8.28
29	6.84	3.33	5.22	6.26	---	3.98	5.69	6.29	6.47	4.73	6.85	8.29
30	6.76	3.61	5.36	6.20	---	4.03	5.67	6.40	6.49	4.83	6.91	8.33
31	6.74	---	5.49	6.17	---	4.11	---	6.52	---	4.92	6.92	---

WTR YR 2005 MEAN 5.39 HIGH 1.95 LOW 8.33

CHEROKEE COUNTY—Continued

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