TRANSYLVANIA COUNTY—Continued

351709082434101. Local number, NC-147; County number, TR-066.

LOCATION.--Lat 35°17'09", long 82°43'41", Hydrologic Unit 06010105, 3.5 mi north of Brevard on U.S. Highway 276, 700 ft northwest of U.S. Forest Service Ranger Station in Pisgah National Forest. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined alluvial sand.

WELL CHARACTERISTICS.--Drilled observation well, depth 25 ft, diameter 4 in., cased to 11.6 ft, screened interval from 11.6 to 21.6 ft; measured depth 22.9 ft, June 1985.

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

DATUM.--Land-surface datum is 2,176.70 ft above NGVD of 1929. Measuring point: Top of casing, 2.24 ft above land-surface datum.

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

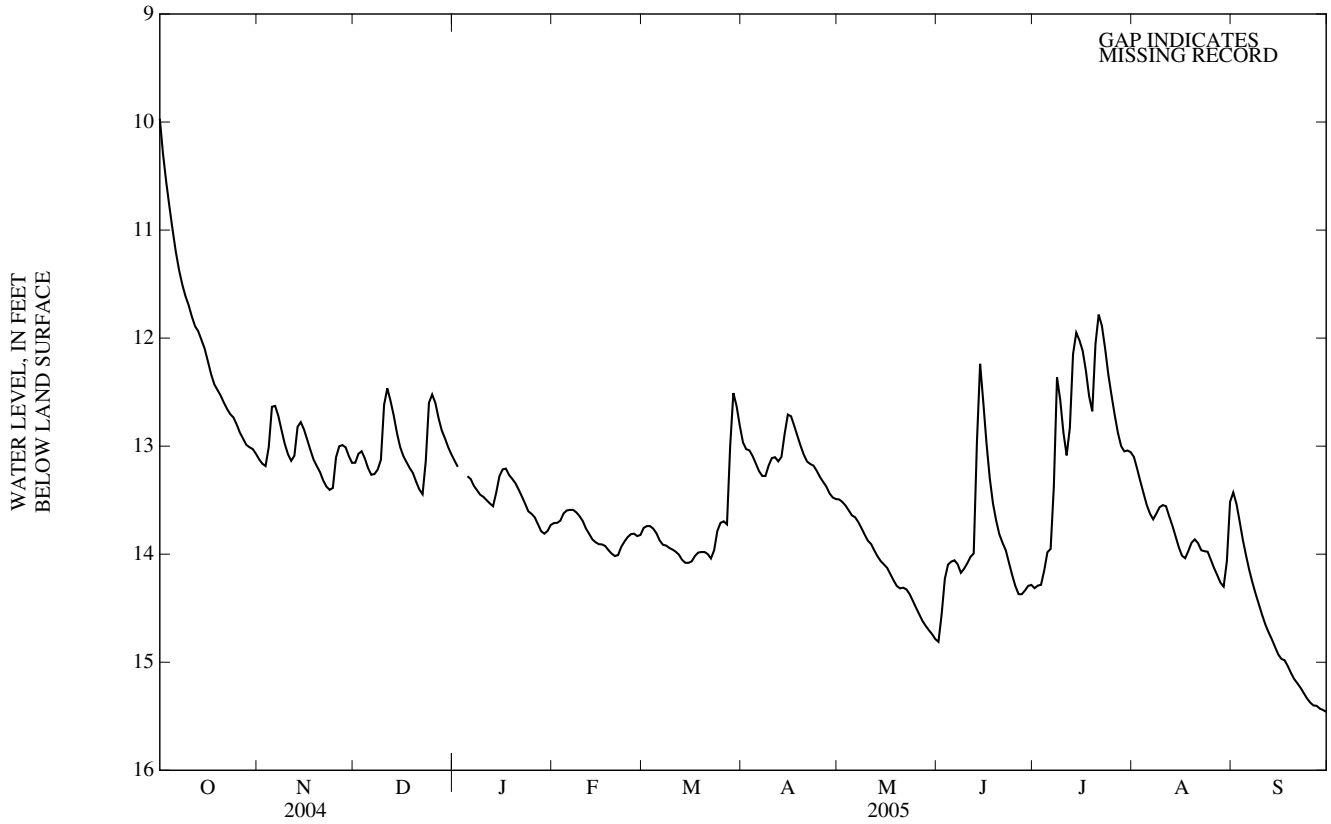
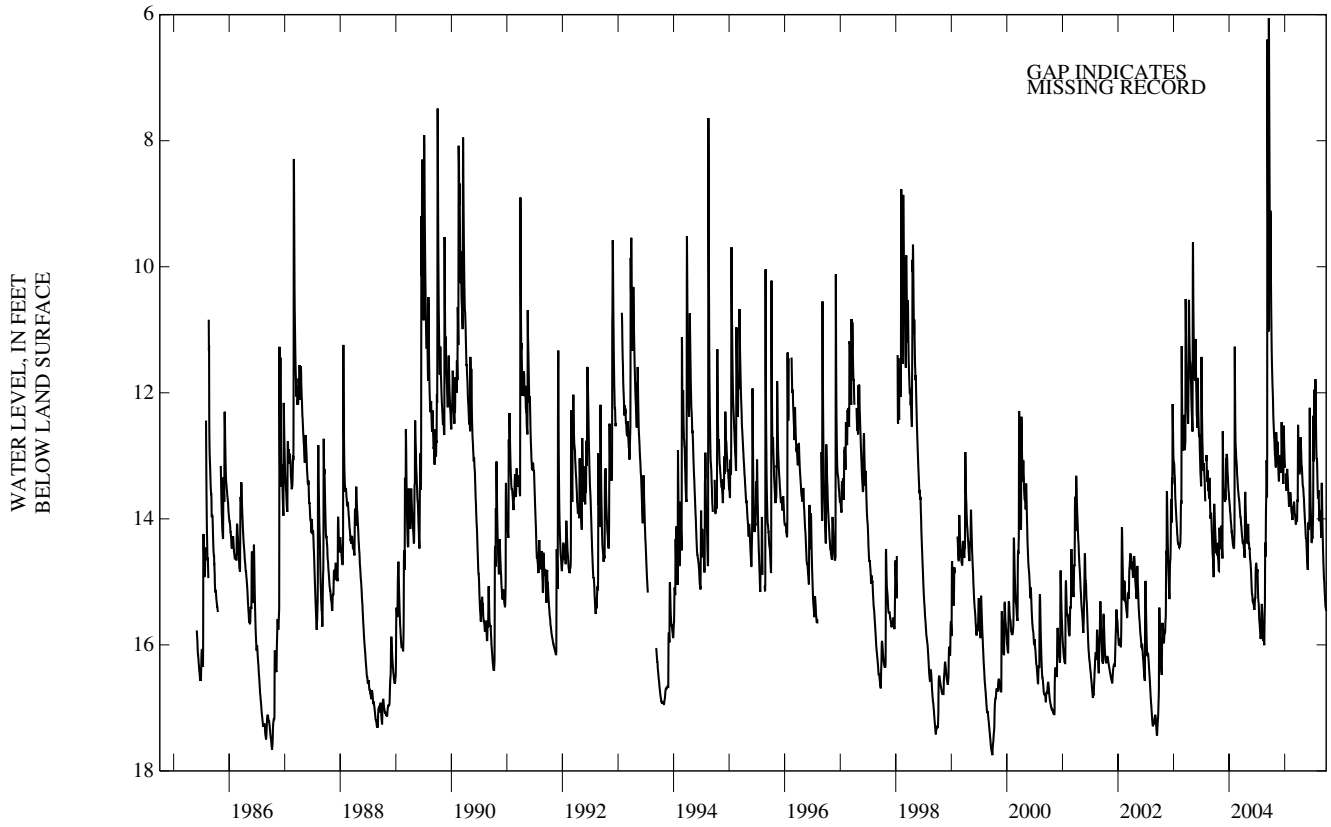
PERIOD OF RECORD.--June 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.97 ft below land-surface datum, Sept. 18, 2004; lowest water level recorded, 17.75 ft below land-surface datum, Sept. 26, 27, 28, 1999.

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	9.97	13.12	13.15	13.13	13.71	13.76	12.97	13.49	14.81	14.31	13.10	13.43
2	10.29	13.16	13.07	13.19	13.71	13.74	13.03	13.52	14.55	14.29	13.21	13.53
3	10.55	13.18	13.05	---	13.69	13.74	13.04	13.55	14.23	14.28	13.33	13.70
4	10.78	13.01	13.12	---	13.62	13.76	13.09	13.59	14.10	14.15	13.44	13.87
5	11.00	12.64	13.20	13.28	13.60	13.81	13.16	13.64	14.07	13.98	13.54	14.01
6	11.20	12.63	13.27	13.30	13.59	13.87	13.23	13.66	14.06	13.95	13.62	14.15
7	11.37	12.72	13.26	13.37	13.59	13.91	13.28	13.70	14.09	13.38	13.68	14.26
8	11.50	12.85	13.22	13.41	13.61	13.92	13.28	13.76	14.17	12.36	13.62	14.37
9	11.61	12.98	13.13	13.45	13.65	13.94	13.18	13.82	14.13	12.57	13.57	14.47
10	11.70	13.07	12.62	13.47	13.69	13.96	13.11	13.88	14.08	12.88	13.55	14.56
11	11.80	13.14	12.46	13.50	13.76	13.98	13.10	13.91	14.02	13.09	13.56	14.65
12	11.89	13.09	12.58	13.53	13.81	14.00	13.14	13.97	13.99	12.83	13.65	14.72
13	11.94	12.82	12.72	13.56	13.86	14.05	13.10	14.02	12.97	12.15	13.74	14.79
14	12.02	12.78	12.88	13.43	13.89	14.08	12.89	14.06	12.24	11.95	13.84	14.86
15	12.10	12.85	13.01	13.28	13.91	14.08	12.71	14.10	12.60	12.02	13.93	14.93
16	12.21	12.94	13.09	13.21	13.91	14.07	12.72	14.13	12.98	12.12	14.01	14.97
17	12.33	13.04	13.15	13.21	13.92	14.02	12.81	14.19	13.29	12.30	14.04	14.98
18	12.43	13.13	13.20	13.27	13.96	13.99	12.91	14.24	13.53	12.53	13.97	15.03
19	12.48	13.18	13.25	13.30	13.99	13.98	13.00	14.29	13.69	12.68	13.89	15.10
20	12.53	13.24	13.33	13.34	14.02	13.98	13.08	14.32	13.82	12.05	13.86	15.15
21	12.60	13.32	13.40	13.40	14.01	14.00	13.14	14.31	13.89	11.78	13.90	15.20
22	12.66	13.37	13.45	13.47	13.93	14.04	13.17	14.33	13.96	11.89	13.96	15.24
23	12.70	13.40	13.14	13.53	13.88	13.96	13.18	14.37	14.08	12.10	13.97	15.29
24	12.74	13.39	12.60	13.60	13.84	13.78	13.23	14.43	14.19	12.34	13.98	15.33
25	12.80	13.10	12.52	13.63	13.81	13.71	13.28	14.50	14.29	12.53	14.05	15.37
26	12.88	13.00	12.60	13.66	13.81	13.70	13.33	14.56	14.37	12.71	14.13	15.40
27	12.93	12.99	12.74	13.72	13.83	13.72	13.37	14.62	14.37	12.88	14.19	15.40
28	12.99	13.01	12.86	13.79	13.82	13.00	13.44	14.66	14.34	13.00	14.26	15.43
29	13.01	13.09	12.93	13.81	---	12.51	13.47	14.70	14.29	13.05	14.30	15.44
30	13.03	13.15	13.01	13.79	---	12.63	13.49	14.74	14.28	13.04	14.06	15.46
31	13.07	---	13.08	13.73	---	12.81	---	14.79	---	13.06	13.52	---

WTR YR 2005 MEAN 13.47 HIGH 9.97 LOW 15.46

TRANSYLVANIA COUNTY—Continued

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