BRUNSWICK COUNTY—Continued

335849078054301. County number, BR-100; Well 15A.

LOCATION.--Lat 33°58'49", long 78°05'43", Hydrologic Unit 03030005, west of Southport on State Highway 211, 1.82 mi northwest of intersection with State Highway 133. Owner: Brunswick County.

AQUIFER.--Castle Hayne and Peedee aquifers of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, depth 158.3 ft, diameter 6 in.; cased to 60 ft, open hole from 60 ft to 158.3 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 15-minute intervals.

DATUM.--Land-surface datum is 56 ft above NGVD of 1929 (from topographic map). Measuring point: Top of instrument shelf, 2.42 ft above land-surface datum.

REMARKS.-- Water levels are affected by nearby pumping of Brunswick County Water Supply Well 15. Well is part of the Brunswick County ground-water study.

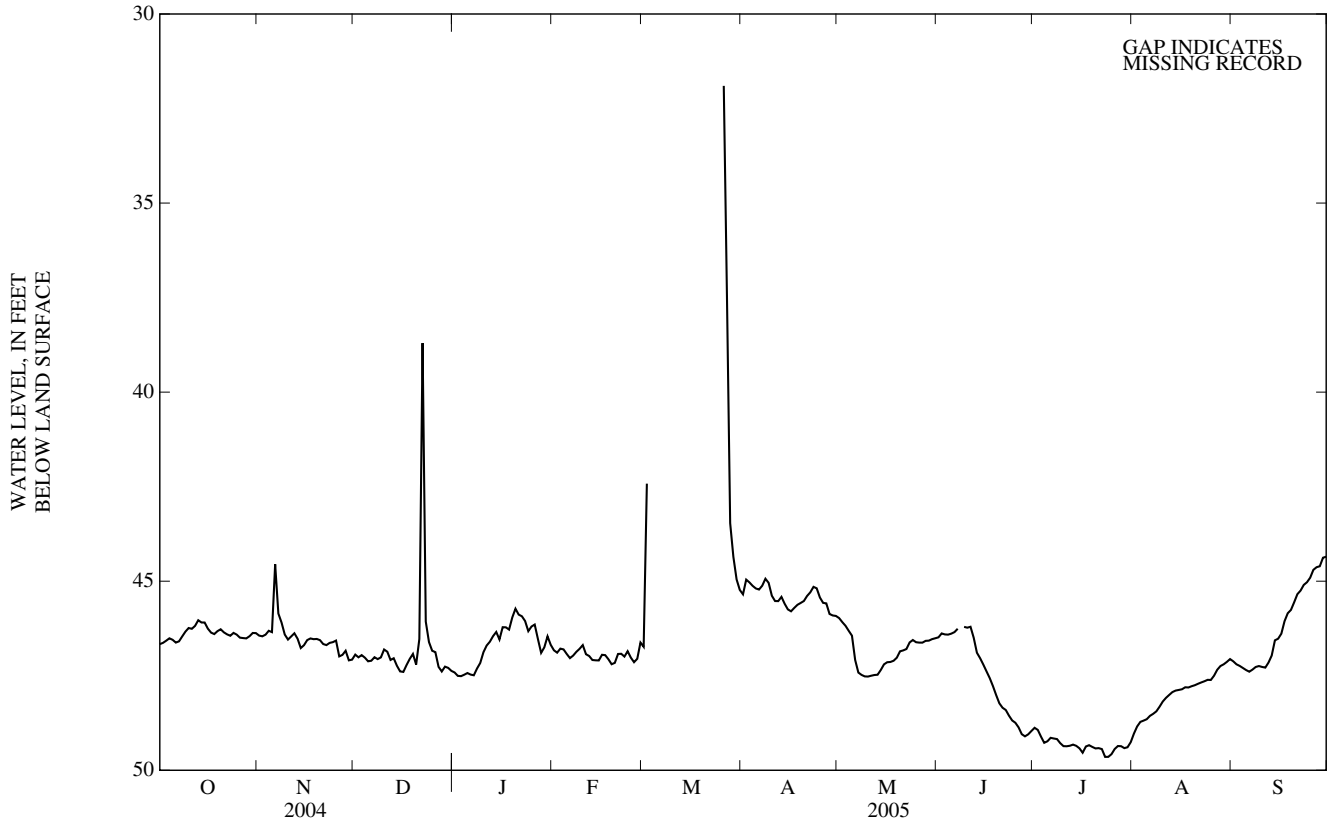
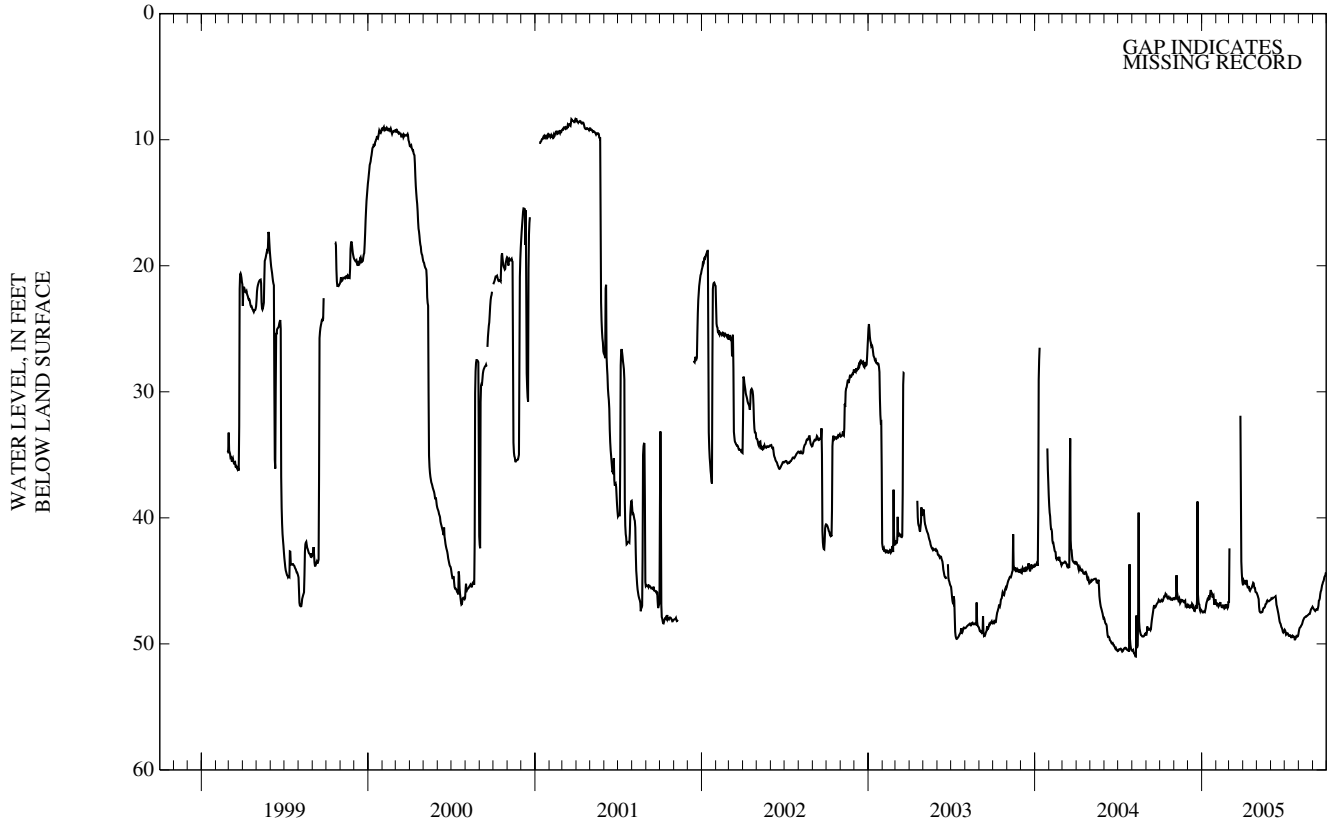
PERIOD OF RECORD.--February 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.30 ft below land-surface datum, Apr. 1, 2000; lowest water level recorded, 51.04 ft below land-surface datum, Aug. 8, 9, 2004.

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	46.66	46.44	46.94	47.41	46.83	46.74	45.35	45.98	46.48	48.88	49.03	47.12
2	46.63	46.46	47.01	47.50	46.89	42.42	44.96	46.08	46.38	48.93	48.84	47.20
3	46.57	46.41	46.95	47.51	46.78	---	45.03	46.18	46.41	49.11	48.72	47.24
4	46.51	46.31	47.02	47.47	46.80	---	45.12	46.31	46.41	49.27	48.69	47.30
5	46.55	46.35	47.12	47.43	46.93	---	45.19	46.44	46.39	49.23	48.65	47.35
6	46.62	44.55	47.10	47.47	47.03	---	45.22	47.08	46.35	49.14	48.56	47.39
7	46.59	45.85	47.01	47.49	46.97	---	45.12	47.42	46.26	49.16	48.51	47.34
8	46.46	46.09	47.06	47.31	46.87	---	44.93	47.48	---	49.18	48.44	47.27
9	46.33	46.41	47.01	47.16	46.79	---	45.04	47.52	46.21	49.28	48.32	47.24
10	46.24	46.54	46.81	46.88	46.69	---	45.38	47.52	46.23	49.36	48.18	47.27
11	46.26	46.46	46.87	46.70	46.93	---	45.52	47.50	46.20	49.36	48.09	47.29
12	46.18	46.38	47.08	46.60	46.98	---	45.53	47.48	46.50	49.35	48.01	47.15
13	46.03	46.52	47.04	46.45	47.08	---	45.42	47.47	46.89	49.32	47.93	46.97
14	46.09	46.77	47.24	46.34	47.09	---	45.60	47.35	47.04	49.35	47.89	46.56
15	46.09	46.69	47.39	46.54	47.10	---	45.75	47.20	47.21	49.42	47.88	46.52
16	46.25	46.56	47.40	46.22	46.95	---	45.80	47.14	47.39	49.54	47.86	46.39
17	46.36	46.51	47.22	46.22	46.96	---	45.71	47.14	47.56	49.37	47.81	46.06
18	46.40	46.53	47.05	46.28	47.06	---	45.62	47.10	47.77	49.34	47.81	45.85
19	46.32	46.53	46.92	45.96	47.20	---	45.58	47.02	48.01	49.38	47.78	45.76
20	46.27	46.56	47.21	45.73	47.16	---	45.52	46.85	48.23	49.42	47.75	45.56
21	46.35	46.66	46.53	45.88	46.92	---	45.39	46.83	48.35	49.42	47.71	45.34
22	46.41	46.69	38.70	45.93	46.92	---	45.29	46.79	48.41	49.44	47.68	45.25
23	46.44	46.63	46.07	46.05	46.99	---	45.15	46.62	48.56	49.65	47.65	45.10
24	46.37	46.61	46.61	46.32	46.85	---	45.19	46.55	48.68	49.65	47.61	45.03
25	46.41	46.57	46.84	46.20	47.02	---	45.43	46.61	48.74	49.57	47.61	44.91
26	46.49	46.99	46.88	46.15	47.14	31.90	45.57	46.62	48.87	49.44	47.50	44.70
27	46.50	46.95	47.27	46.53	47.05	37.49	45.59	46.62	49.05	49.36	47.34	44.63
28	46.51	46.84	47.39	46.90	46.62	43.47	45.87	46.58	49.10	49.36	47.24	44.60
29	46.45	47.09	47.26	46.75	---	44.36	45.91	46.57	49.05	49.41	47.20	44.38
30	46.37	47.08	47.29	46.46	---	44.95	45.92	46.53	48.96	49.39	47.13	44.35
31	46.37	---	47.37	46.68	---	45.23	---	46.51	---	49.26	47.06	---

WTR YR 2005 MEAN 46.85 HIGH 31.90 LOW 49.65

BRUNSWICK COUNTY—Continued

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