

## GROUND-WATER LEVELS

## LENOIR COUNTY

351600077381001. Local number, NC-128; County number, LN-128.

LOCATION.--Lat 35°15'59", long 77°37'52", Hydrologic Unit 03020202, on west edge of Kinston at intersection of U.S. Highways 70 and 258 Bypass, and U.S. Highways 70 and 258 Business. Owner: City of Kinston.

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, depth 300 ft, diameter 10 in., cased to 160 ft, screened intervals unknown.

INSTRUMENTATION.--Water-level recorder collecting data at 30-minute intervals.

DATUM.--Land-surface datum is 33.5 ft above NGVD of 1929. Measuring point: Top of instrument shelf, 2.10 ft above land-surface datum.

REMARKS.--Well is part of local-effects network. Water levels affected by nearby pumping.

PERIOD OF RECORD.--December 1968 to current year. Continuous record began January 1974.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.83 ft below land-surface datum, Dec. 30, 1968; lowest water level recorded 125.96 ft below land-surface datum, Sept. 27, 1997.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	112.49	113.32	113.20	111.98	114.35	113.41	110.19	112.15	111.75	113.03	115.02	113.56
2	112.92	113.32	112.69	111.77	114.62	113.26	110.20	112.29	111.49	113.51	115.11	113.16
3	113.22	113.05	112.31	112.06	113.92	112.34	110.71	112.35	111.19	113.79	115.06	113.14
4	113.37	112.56	112.52	112.07	113.52	112.04	111.09	112.17	111.55	113.93	114.47	113.75
5	113.51	112.25	112.96	112.37	114.04	112.43	111.11	111.61	111.79	113.65	114.26	114.18
6	113.39	112.57	113.19	112.28	114.33	112.51	111.10	111.42	111.88	113.94	114.61	114.42
7	112.90	113.07	113.23	112.20	114.28	112.53	110.54	111.89	112.03	113.94	114.87	114.59
8	112.68	113.33	112.93	112.77	114.38	112.61	110.45	112.23	112.05	113.61	115.04	114.27
9	113.07	113.56	112.56	113.08	114.20	112.53	111.19	112.34	111.55	113.99	115.11	114.01
10	113.21	113.55	112.27	113.28	113.39	111.87	111.70	112.35	111.38	114.24	114.97	114.30
11	113.06	112.94	112.64	113.39	112.88	111.45	111.91	112.23	111.77	114.35	114.32	114.44
12	113.00	112.93	112.89	113.17	113.32	111.69	112.04	111.70	112.02	114.42	114.09	114.60
13	112.92	113.31	113.08	112.73	113.65	111.68	111.77	111.35	112.19	114.23	114.58	114.80
14	112.36	113.62	113.11	112.62	113.91	111.76	111.14	111.84	112.46	113.63	114.93	114.79
15	112.24	113.75	112.51	112.96	113.94	112.00	111.02	112.19	112.56	113.37	115.29	114.18
16	112.59	113.78	111.90	113.54	113.76	112.09	111.59	112.22	112.17	113.73	115.48	113.77
17	112.78	113.74	111.74	113.81	113.17	111.54	111.93	112.19	112.17	114.00	115.42	114.19
18	112.87	113.02	112.24	114.02	112.89	111.23	112.18	112.21	112.61	114.20	114.78	114.50
19	112.93	112.64	112.55	114.04	113.30	111.73	112.09	112.03	112.87	114.41	114.56	114.56
20	112.79	113.11	112.77	113.52	113.41	112.06	111.35	111.60	113.04	114.66	114.98	114.47
21	112.21	113.42	112.94	113.31	113.41	112.22	110.97	111.77	113.25	114.61	115.10	114.46
22	111.91	113.32	112.74	113.92	113.54	112.37	110.97	111.94	113.36	114.26	115.31	113.98
23	112.06	112.70	112.10	114.13	113.37	112.23	111.53	112.02	113.15	114.56	115.39	113.82
24	112.41	112.54	111.63	114.16	112.66	111.58	111.95	112.01	112.77	114.76	115.34	114.20
25	112.65	112.29	111.37	114.22	112.43	111.28	112.08	111.89	113.09	114.87	114.62	114.35
26	112.84	112.06	111.27	114.15	112.88	111.65	112.09	111.39	113.39	114.93	114.24	114.48
27	112.88	112.47	111.62	113.52	113.10	111.81	111.55	110.98	113.50	114.93	114.64	114.50
28	112.47	112.78	112.02	113.25	113.30	111.97	111.28	110.92	113.52	114.93	114.93	114.23
29	112.22	113.02	112.23	113.67	---	111.89	111.23	111.35	113.59	114.59	115.01	113.62
30	112.72	113.18	111.86	113.88	---	111.19	111.85	111.53	113.33	114.79	114.83	113.41
31	113.11	---	111.65	114.14	---	110.67	---	111.67	---	114.93	114.09	---

WTR YR 2002 MEAN 112.99 HIGH 110.19 LOW 115.48

LENOIR COUNTY--Continued

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