

GREENE COUNTY—Continued

353103077333402. County number, GR-088; L2D.

LOCATION.--Lat 35°31'04", long 77°33'32.66", Hydrologic Unit 03020203, near Lizzie, 20 ft north of Secondary Road 1335. Owner: DENR (North Carolina Department of Environment and Natural Resources).

WATER-LEVEL RECORDS

AQUIFER.--Surficial.

WELL CHARACTERISTICS.--Drilled observation well, depth 20 ft, diameter 2 in., screened interval from 18 to 20 ft.

INSTRUMENTATION.--Measured periodically with steel and electric tape.

DATUM.--Land-surface datum is 77.42 ft above NGVD of 1929 (levels by North Carolina Geodetic Survey). Measuring point: Top of metal casing, 1.58 ft above land surface datum.

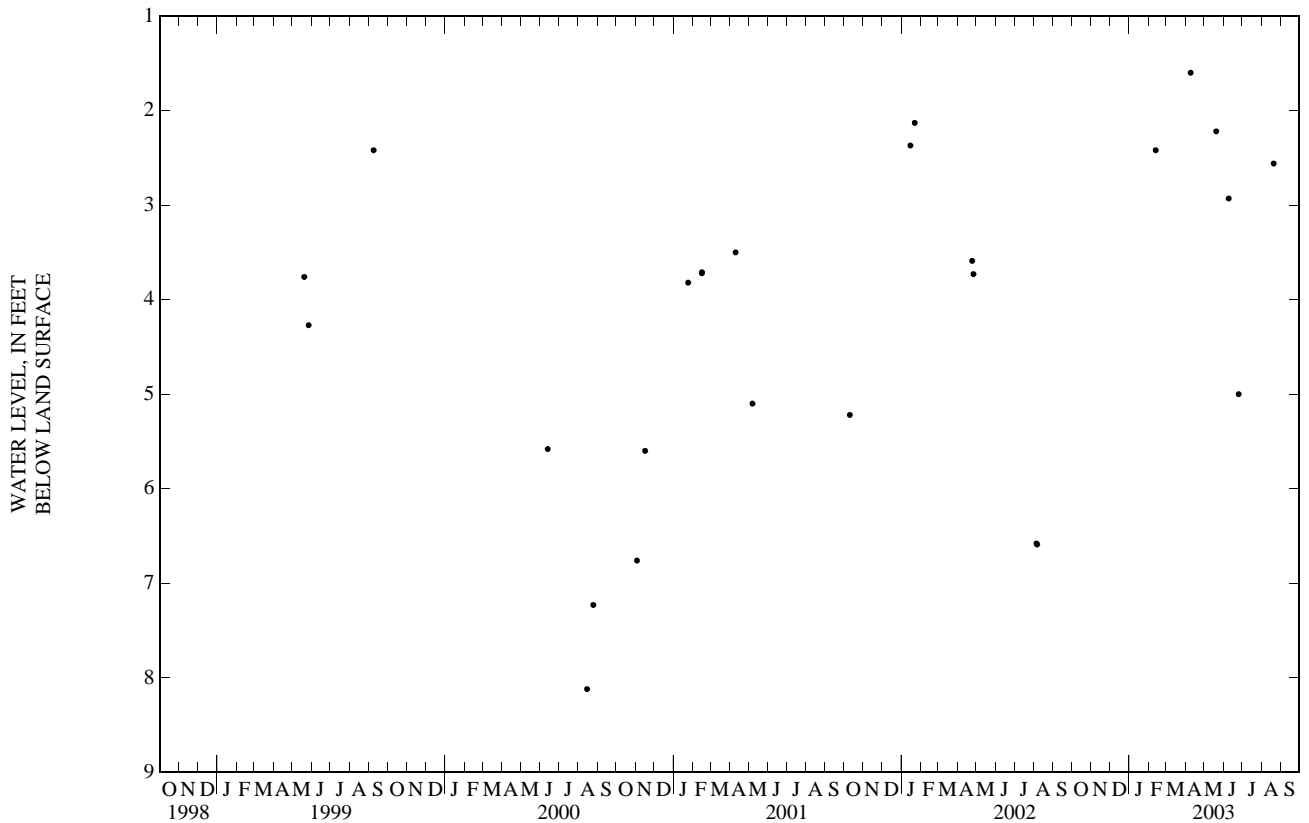
REMARKS.--Station operated in cooperation with DENR as part of the Lizzie research site water-quality monitoring project.

PERIOD OF RECORD.--May 1999 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.60 ft below land-surface datum, Apr. 9, 2003; lowest water level measured, 8.12 ft below land-surface datum, Aug. 15, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 12	2.42	APR 09	1.60	MAY 20	2.22	JUN 09	2.93	JUN 25	5.00	AUG 20	2.56



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## WATER-QUALITY RECORDS

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

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## WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Depth to water level, feet below LSD (72019)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
FEB 12...	1700	2.42	766	0.9	9	4.9	154	--	16.0	15	4.05	1.28	3.70
APR 09...	1350	1.60	767	0.5	5	4.9	156	8.5	15.2	15	3.97	1.32	3.84
JUN 09...	1435	2.93	758	0.3	3	5.5	150	29.5	16.9	15	3.94	1.28	3.65
AUG 20...	1655	2.56	769	0.4	4	5.5	142	32.0	18.7	13	3.34	1.09	3.59

Date	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, ug/L (01046)
FEB 12...	16.6	7	27.4	10.6	72	E.09	<0.04	0.82	<0.008	E.01	0.018	0.4	533
APR 09...	18.2	7	31.8	11.0	80	E.05	<0.04	1.20	E.004	<0.04	0.014	--	231
JUN 09...	17.9	7	28.8	10.4	75	<0.10	<0.04	1.05	<0.008	<0.02	0.020	0.5	232
AUG 20...	18.3	6	28.0	10.5	74	<0.10	<0.04	1.13	E.005	<0.18	0.021	--	170