

02085000 ENO RIVER AT HILLSBOROUGH, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

REMARKS.--Station operated to define water quality as part of a six-county regional surface-water quality assessment.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Instantaneous discharge, cfs (00061)	Color, water, fltrd, Pt-Co units (00080)	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, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
OCT 18...	0945	14	25	753	8.3	82	7.0	100	13.9	32	7.82	3.05	1.93
DEC 09...	0900	24	40	752	9.2	83	7.3	91	10.3	31	7.36	3.08	1.85
DEC 20...	1100	32	--	754	12.5	92	7.0	83	2.5	29	6.67	3.07	1.71
JAN 26...	1400	39	--	741	12.0	92	7.2	88	3.2	29	6.75	2.89	1.62
FEB 08...	0900	51	75	755	10.8	88	7.0	90	6.1	27	6.43	2.65	1.71
MAR 28...	1130	698	150	734	9.8	95	6.5	73	12.4	25	6.00	2.43	1.47
APR 13...	1115	72	62	745	8.3	83	6.6	83	14.8	29	7.00	2.92	1.27
APR 29...	0830	22	--	749	8.3	83	6.9	97	14.7	31	7.22	3.19	1.19
JUN 16...	0930	12	30	744	5.0	62	6.6	108	24.9	33	7.72	3.35	1.78
JUN 17...	1630	7.6	--	747	4.6	58	7.2	115	26.2	34	7.86	3.54	1.67
AUG 10...	0900	14	100	750	5.4	66	6.5	92	24.6	27	6.53	2.64	1.84

Date	Sodium, water, fltrd, mg/L (00930)	ANC, wat unfltrd, end pt, mg/L as CaCO3 (00410)	ANC, wat unfltrd, titr., mg/L as CaCO3 (00419)	Bicarbonate, wat unfltrd, titr., mg/L (00450)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue on evap. at 180degC, wat fltrd, mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)
OCT 18...	5.57	--	30	37	5.85	E.1	14.5	4.1	62	--	.30	.012	.247
DEC 09...	5.33	--	29	35	6.49	E.1	13.9	4.3	64	--	.31	.022	.374
DEC 20...	5.51	--	31	37	5.87	E.1	--	4.6	--	.28	--	.07	.42
JAN 26...	6.76	34	--	--	7.84	<.1	--	5.0	--	.26	--	.06	.44
FEB 08...	6.34	--	35	43	8.10	<.1	12.0	5.3	65	--	.37	.036	.386
MAR 28...	4.83	--	21	27	5.45	<.1	9.74	4.6	69	--	1.0	.041	.309
APR 13...	5.70	--	24	29	6.24	E.1	10.3	4.2	65	--	.36	.030	.267
APR 29...	5.65	28	--	--	6.51	E.1	--	4.3	--	.24	--	<.04	.29
JUN 16...	6.20	--	31	37	6.16	E.1	10.3	4.9	62	--	.37	.047	.277
JUN 17...	7.02	30	--	--	6.82	.1	--	5.4	--	.33	--	E.04	.27
AUG 10...	5.31	--	29	35	5.57	E.1	8.57	4.4	62	--	.42	.044	.147

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005—CONTINUED

Date	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Aluminum, water, unfltrd recover-able, ug/L (01105)	Arsenic water unfltrd ug/L (01002)	Cadmium water, unfltrd ug/L (01027)	Chromium, water, unfltrd recover-able, ug/L (01034)	Cobalt water, unfltrd recover-able, ug/L (01037)	Copper, water, unfltrd recover-able, ug/L (01042)	Iron, water, unfltrd recover-able, ug/L (01045)	Lead, water, unfltrd recover-able, ug/L (01051)	Manganese, water, unfltrd recover-able, ug/L (01055)
OCT 18...	E.001	E.003	.020	6.0	92	<2	<.04	<.8	.324	1.3	690	.18	78
DEC 09...	.004	E.004	.021	4.7	--	--	--	--	--	--	--	--	--
20...	E.004	<.02	--	--	--	--	--	--	--	--	--	--	--
JAN 26...	E.005	<.02	--	--	--	--	--	--	--	--	--	--	--
FEB 08...	.004	<.006	.032	5.8	--	--	--	--	--	--	--	--	--
MAR 28...	.004	.007	.18	12.5	1,730	<2	E.04	1.6	3.60	5.6	4,060	4.10	625
APR 13...	.003	<.006	.031	6.5	145	<2	<.04	E.5	.493	1.4	990	.35	140
29...	<.008	<.02	--	--	--	--	--	--	--	--	--	--	--
JUN 16...	.004	<.006	.027	5.5	--	--	--	--	--	--	--	--	--
17...	E.005	<.02	--	--	--	--	--	--	--	--	--	--	--
AUG 10...	.003	<.006	.043	6.9	--	--	--	--	--	--	--	--	--

Date	Mercury water, unfltrd recover-able, ug/L (71900)	Molybdenum, water, unfltrd recover-able, ug/L (01062)	Nickel, water, unfltrd recover-able, ug/L (01067)	Selenium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover-able, ug/L (01077)	Zinc, water, unfltrd recover-able, ug/L (01092)	Suspended sediment concentration mg/L (80154)
OCT 18...	<.01	<.2	.48	.5	<.16	E2	4
DEC 09...	--	--	--	--	--	--	4
20...	--	--	--	--	--	--	--
JAN 26...	--	--	--	--	--	--	--
FEB 08...	--	--	--	--	--	--	8
MAR 28...	E.01	<.2	1.31	<.4	<.16	14	254
APR 13...	<.01	<.2	.53	.6	<.16	2	8
29...	--	--	--	--	--	--	--
JUN 16...	--	--	--	--	--	--	8
17...	--	--	--	--	--	--	--
AUG 10...	--	--	--	--	--	--	15

Remark codes used in this table:

- < -- Less than.
- E -- Estimated.