

0209782609 WHITE OAK CREEK AT MOUTH NEAR GREEN LEVEL, NC

LOCATION.--Lat 35°45'37", long 78°55'13", Wake County, Hydrologic Unit 03030002, on left bank on Secondary Road 1603, 1.8 mi south-southwest of Green Level.

DRAINAGE AREA.--11.9 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1999 to current year. October 1999 to September 2003 published as "0209782520, White Oak Creek at Green Level, NC".

GAGE.--Water-stage recorder. Elevation of gage is 245 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records poor. No flow occurs at times most years.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.4	e1.4	e7.3	e2.8	8.9	49	16	6.9	0.31	0.06	4.5	0.12
2	4.8	e1.3	e5.5	e3.1	7.5	20	74	4.7	1.1	0.04	1.8	0.10
3	6.4	e1.4	e4.2	e3.5	30	17	39	2.0	3.9	0.03	1.2	0.07
4	4.5	e9.1	e3.9	e3.7	37	14	18	2.1	1.1	0.02	0.90	0.04
5	3.1	e13	e3.4	e3.8	15	13	14	2.3	0.67	0.01	0.77	0.02
6	2.5	e3.4	e3.1	e4.2	11	11	11	8.5	0.46	0.01	0.58	0.01
7	1.8	e1.6	e4.8	e3.7	9.0	10	10	6.0	43	0.07	0.49	0.01
8	1.5	e1.6	e4.4	e2.7	8.4	94	11	2.4	130	43	0.43	0.00
9	1.3	e1.5	e9.0	e2.2	8.1	35	60	1.6	10	3.1	144	0.00
10	1.2	e1.1	e99	e1.4	7.7	18	16	1.3	4.2	0.64	50	0.00
11	1.1	e1.0	e16	e1.5	6.3	15	11	1.00	1.4	0.32	8.4	0.00
12	1.0	e14	e8.3	e1.8	5.9	16	8.7	1.6	0.68	0.25	2.9	0.00
13	23	e95	e5.3	e1.3	4.8	13	49	3.4	0.53	0.17	1.3	0.00
14	15	e11	e3.5	e180	6.1	19	21	2.0	0.42	0.21	1.3	0.00
15	5.5	e4.7	e2.1	e28	7.7	14	12	1.5	0.32	0.23	0.82	0.00
16	3.5	e4.0	e1.3	e12	6.6	56	9.0	1.2	0.25	0.17	0.60	0.00
17	2.3	e3.7	e1.8	e9.8	4.6	210	7.5	0.94	0.20	0.12	0.59	0.00
18	1.8	e2.6	e2.1	e5.1	4.0	65	6.9	0.78	0.19	0.09	0.75	0.00
19	e1.5	e2.4	e3.5	e4.1	3.4	28	5.2	0.76	0.15	0.08	0.55	0.00
20	e2.4	e1.9	e7.7	e5.3	3.4	22	5.2	2.5	0.14	23	0.58	0.00
21	e2.3	e1.4	e1.7	e7.3	5.1	18	3.9	9.0	0.15	2.1	0.57	0.00
22	e1.6	e1.2	e1.4	e6.2	5.1	16	3.7	2.1	0.11	0.45	0.41	0.00
23	e1.4	e56	e12	e13	3.8	69	3.4	1.0	0.09	4.0	0.36	0.00
24	e1.3	e28	e15	e3.7	50	30	2.9	0.79	0.08	0.66	0.39	0.00
25	e1.6	e12	e5.8	e3.1	20	20	2.3	0.64	0.08	0.29	0.36	0.00
26	e1.7	e5.7	e8.4	e4.7	11	17	2.1	0.53	0.07	0.17	0.28	0.00
27	e1.5	e3.3	e8.4	e5.9	8.6	15	2.0	0.44	0.05	0.11	0.24	0.00
28	e1.3	e98	e4.5	e3.6	127	46	1.8	0.39	0.06	0.11	0.20	0.00
29	e1.3	e17	e3.7	e2.3	---	28	1.8	0.41	0.08	41	0.18	0.00
30	e1.4	e8.1	e4.6	22	---	17	2.2	0.37	0.08	15	0.16	0.00
31	e1.6	---	e3.9	12	---	16	---	0.34	---	8.2	0.14	---
TOTAL	107.6	406.4	265.6	363.8	426.0	1,031	430.6	69.49	199.87	143.71	225.75	0.37
MEAN	3.47	13.5	8.57	11.7	15.2	33.3	14.4	2.24	6.66	4.64	7.28	0.01
MAX	23	98	99	180	127	210	74	9.0	130	43	144	0.12
MIN	1.0	1.0	1.3	1.3	3.4	10	1.8	0.34	0.05	0.01	0.14	0.00
CFSM	0.29	1.14	0.72	0.99	1.28	2.79	1.21	0.19	0.56	0.39	0.61	0.00
IN.	0.34	1.27	0.83	1.14	1.33	3.22	1.35	0.22	0.62	0.45	0.71	0.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2005, BY WATER YEAR (WY)

MEAN	7.27	8.33	14.2	14.5	23.1	27.3	18.0	3.68	6.98	3.29	11.5	9.94
MAX	23.8	25.1	43.5	28.6	51.4	56.4	44.8	9.68	17.6	5.19	30.2	27.4
(WY)	(2003)	(2003)	(2003)	(2000)	(2003)	(2003)	(2003)	(2004)	(2003)	(2001)	(2004)	(2004)
MIN	0.77	0.21	2.35	3.26	7.77	7.49	5.52	0.20	0.00	0.01	0.84	0.01
(WY)	(2002)	(2002)	(2001)	(2001)	(2002)	(2000)	(2004)	(2002)	(2002)	(2002)	(2002)	(2005)

0209782609 WHITE OAK CREEK AT MOUTH NEAR GREEN LEVEL, NC—Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2000 - 2005	
ANNUAL TOTAL	4,515.27		3,670.19		12.3	
ANNUAL MEAN	12.3		10.1		25.3	
HIGHEST ANNUAL MEAN					5.51	2003
LOWEST ANNUAL MEAN					0.00	2002
HIGHEST DAILY MEAN	207	Aug 14	210	Mar 17	472	Apr 10, 2003
LOWEST DAILY MEAN	0.00	Jun 21	0.00	Sep 8	0.00	May 28, 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	Jun 21	0.00	Sep 8	0.00	May 28, 2002
MAXIMUM PEAK FLOW			431	Aug 9	1,140	Oct 11, 2002
MAXIMUM PEAK STAGE			8.14	Aug 9	10.51	Oct 11, 2002
INSTANTANEOUS LOW FLOW			0.00*	Sep 8	0.00*	May 28, 2002
ANNUAL RUNOFF (CFSM)	1.04		0.845		1.03	
ANNUAL RUNOFF (INCHES)	14.11		11.47		14.02	
10 PERCENT EXCEEDS	29		21		27	
50 PERCENT EXCEEDS	3.3		2.6		2.8	
90 PERCENT EXCEEDS	0.05		0.07		0.03	

* See REMARKS.
e Estimated.

