

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.--No estimated daily discharges. Records fair. No flow occurs at times most years.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.2	2.6	1.6	3.1	7.0	11	19	13	0.04	0.15	1.7	65
2	1.1	1.9	1.2	3.0	5.5	9.5	9.9	81	0.03	0.10	25	18
3	0.93	1.5	0.97	3.1	60	8.6	6.6	136	0.03	0.11	33	8.4
4	0.85	1.3	1.1	3.2	28	7.5	5.1	30	0.04	0.05	1.2	5.1
5	0.78	1.3	15	3.8	13	6.8	3.8	12	0.29	0.02	0.26	3.5
6	0.72	1.4	6.9	8.0	24	7.2	3.2	7.3	0.21	0.00	59	29
7	0.69	3.6	3.2	3.7	106	7.8	3.1	4.4	0.11	0.00	1.9	162
8	0.79	3.2	2.1	2.9	25	6.0	3.0	3.0	0.08	0.00	0.20	149
9	1.2	2.8	1.7	3.2	16	6.2	2.8	2.3	0.08	0.00	0.09	68
10	2.1	1.9	14	5.7	13	9.4	2.4	1.6	0.08	0.00	0.06	19
11	2.1	1.4	121	3.0	11	5.9	2.7	1.3	0.08	0.00	0.05	10
12	2.4	1.2	22	3.3	46	4.9	11	1.4	0.06	0.00	0.33	6.4
13	1.6	1.2	11	4.0	38	3.8	24	0.82	0.04	0.00	38	4.0
14	1.5	1.0	135	3.3	19	3.3	17	0.66	0.03	0.01	207	2.9
15	5.2	0.84	58	3.0	23	55	9.8	0.55	0.02	0.05	130	7.7
16	3.2	0.72	22	2.4	44	159	5.6	0.75	0.02	0.01	99	5.3
17	1.6	0.68	40	2.3	29	115	4.2	0.43	0.02	0.00	22	5.7
18	1.3	0.70	29	11	23	47	3.4	0.36	0.01	0.97	10	72
19	1.1	17	16	8.0	21	54	3.0	0.29	0.01	0.65	7.0	29
20	1.0	30	11	4.1	16	23	2.7	0.52	0.01	0.09	3.6	7.7
21	1.00	5.8	8.9	3.2	13	19	2.3	0.66	0.00	0.03	2.1	3.6
22	0.94	2.7	8.1	2.8	9.9	13	2.0	0.33	0.00	0.04	70	2.5
23	0.86	2.0	7.3	2.7	8.6	10	1.7	0.29	0.00	14	10	1.9
24	0.81	1.6	11	2.5	8.2	8.4	1.6	0.36	0.00	0.63	5.0	1.7
25	0.73	1.3	9.1	2.3	7.6	7.2	1.4	0.27	0.00	0.13	2.5	1.4
26	0.72	1.2	6.1	4.0	6.7	6.6	1.7	0.17	0.00	0.08	1.8	1.3
27	0.79	1.1	5.1	3.4	15	6.9	6.2	0.13	0.00	0.07	1.5	1.9
28	0.97	1.7	4.6	4.5	19	6.3	3.1	0.09	0.00	1.3	1.4	80
29	47	7.3	4.1	8.0	16	5.4	1.8	0.07	0.01	1.1	1.4	40
30	14	2.5	4.1	12	---	4.1	1.6	0.06	0.34	33	139	11
31	5.2	---	3.5	12	---	6.0	---	0.05	---	0.69	61	---
TOTAL	104.38	103.44	584.67	141.5	671.5	643.8	165.7	300.16	1.64	53.28	935.09	823.0
MEAN	3.37	3.45	18.9	4.56	23.2	20.8	5.52	9.68	0.05	1.72	30.2	27.4
MAX	47	30	135	12	106	159	24	136	0.34	33	207	162
MIN	0.69	0.68	0.97	2.3	5.5	3.3	1.4	0.05	0.00	0.00	0.05	1.3
CFSM	0.48	0.49	2.71	0.65	3.32	2.98	0.79	1.39	0.01	0.25	4.33	3.94
IN.	0.56	0.55	3.12	0.76	3.58	3.44	0.88	1.60	0.01	0.28	4.99	4.39

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2004, BY WATER YEAR (WY)

MEAN	8.03	7.29	15.4	15.0	24.6	26.1	18.7	3.97	7.04	3.02	12.3	11.9
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	0.61
(WY)	(2002)	(2002)	(2001)	(2001)	(2002)	(2000)	(2004)	(2002)	(2002)	(2002)	(2002)	(2001)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 2000 - 2004	
ANNUAL TOTAL	7,201.30		4,528.16			
ANNUAL MEAN	19.7		12.4		12.7	
HIGHEST ANNUAL MEAN					25.3	2003
LOWEST ANNUAL MEAN					5.51	2002
HIGHEST DAILY MEAN	472	Apr 10	207	Aug 14	472	Apr 10, 2003
LOWEST DAILY MEAN	0.63	Aug 30	0.00	Jun 21	0.00	May 28, 2002
ANNUAL SEVEN-DAY MINIMUM	0.83	Oct 22	0.00	Jun 21	0.00	May 28, 2002
MAXIMUM PEAK FLOW			298	Aug 30	1,140	Oct 11, 2002
MAXIMUM PEAK STAGE			7.40	Aug 30	10.51	Oct 11, 2002
INSTANTANEOUS LOW FLOW			0.00*	Jun 21	0.00*	May 28, 2002
ANNUAL RUNOFF (CFSM)	2.83		1.78		1.82	
ANNUAL RUNOFF (INCHES)	38.43		24.17		24.79	
10 PERCENT EXCEEDS	47		29		28	
50 PERCENT EXCEEDS	5.6		3.0		2.9	
90 PERCENT EXCEEDS	1.0		0.05		0.03	

* See REMARKS.

