

0209782520 WHITE OAK CREEK AT GREEN LEVEL, NC

LOCATION.--Lat 35°46'33", long 78°54'10", Wake County, Hydrologic Unit 03030002, on left bank on Secondary Road 1603, 1.7 mi west of Green Level.

DRAINAGE AREA.--6.97 mi².

WATER-DISCHARGE RECORDS

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

GAGE.--Water-stage recorder. Elevation of gage is 265 ft above NGVD of 1929, from topographic map. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. No flow occurs at times most years.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.02	12	3.2	41	18	59	19	3.3	15	1.4	2.5	5.3
2	0.01	7.5	2.8	31	12	171	15	2.8	5.2	14	3.7	2.1
3	0.00	4.7	2.6	38	9.1	53	13	2.5	2.9	18	5.6	1.3
4	0.00	3.8	2.4	27	13	27	11	2.3	3.7	6.5	3.2	1.2
5	0.00	4.2	164	17	13	35	9.4	2.3	5.0	2.8	23	13
6	0.00	64	102	14	9.7	218	9.7	5.6	2.4	1.9	13	2.9
7	0.00	21	61	11	148	82	67	5.5	14	1.6	5.4	1.5
8	0.00	10	27	11	43	32	52	3.2	64	1.3	20	3.4
9	0.00	7.2	20	9.6	21	23	258	2.4	14	1.1	82	13
10	0.00	5.5	16	8.4	51	18	472	2.1	6.5	1.00	43	2.8
11	312	8.5	39	7.0	33	14	183	1.9	3.2	0.90	16	1.6
12	104	105	29	5.6	19	14	55	1.7	2.9	0.81	8.6	1.2
13	17	135	124	5.2	14	13	25	1.5	8.0	0.81	4.9	1.0
14	8.7	33	152	5.1	11	21	17	1.4	3.1	10	13	0.92
15	6.1	17	37	4.7	14	13	14	1.3	40	6.1	17	0.87
16	45	14	22	4.2	13	116	12	1.5	134	2.2	6.8	31
17	17	113	16	5.3	17	57	9.5	1.8	36	3.7	7.6	7.2
18	6.7	81	13	5.0	33	27	8.2	1.8	17	2.7	6.0	36
19	3.1	24	14	4.1	50	21	8.6	11	28	1.7	3.8	84
20	2.2	16	82	4.0	29	315	8.1	6.1	57	1.4	2.9	13
21	6.4	13	42	4.1	20	150	7.0	3.2	28	1.2	2.2	5.7
22	13	11	20	3.8	166	47	6.9	48	12	0.99	2.3	3.7
23	11	8.6	15	3.6	207	25	7.4	46	7.8	1.8	7.3	48
24	5.9	7.1	56	e5.0	47	20	4.6	19	4.8	2.3	2.5	15
25	4.1	6.2	155	3.4	24	17	6.1	19	3.2	1.3	1.6	6.2
26	3.4	5.3	52	3.8	20	15	13	20	2.4	0.99	1.3	3.5
27	2.8	4.6	23	3.5	139	13	15	9.5	2.0	0.84	1.0	2.5
28	9.8	4.1	18	3.0	244	12	7.5	6.9	1.6	0.73	0.88	2.0
29	62	3.7	15	3.4	---	13	4.9	5.5	1.5	0.72	0.74	1.6
30	76	3.6	12	14	---	64	3.8	12	1.4	23	0.63	1.4
31	23	---	11	47	---	44	---	6.4	---	6.5	0.78	---
TOTAL	739.23	753.6	1,348.0	352.8	1,437.8	1,749	1,342.7	257.5	526.6	120.29	309.23	312.89
MEAN	23.8	25.1	43.5	11.4	51.4	56.4	44.8	8.31	17.6	3.88	9.98	10.4
MAX	312	135	164	47	244	315	472	48	134	23	82	84
MIN	0.00	3.6	2.4	3.0	9.1	12	3.8	1.3	1.4	0.72	0.63	0.87
CFSM	3.42	3.60	6.24	1.63	7.37	8.09	6.42	1.19	2.52	0.56	1.43	1.50
IN.	3.95	4.02	7.19	1.88	7.67	9.33	7.17	1.37	2.81	0.64	1.65	1.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2003, BY WATER YEAR (WY)

MEAN	9.20	8.25	14.5	17.7	25.0	27.5	22.0	2.54	8.79	3.34	7.88	8.05
MAX	23.8	25.1	43.5	28.6	51.4	56.4	44.8	8.31	17.6	5.19	10.9	18.9
(WY)	(2003)	(2003)	(2003)	(2000)	(2003)	(2003)	(2003)	(2003)	(2003)	(2001)	(2000)	(2000)
MIN	0.77	0.21	2.35	3.26	7.77	7.49	10.8	0.20	0.000	0.007	0.84	0.61
(WY)	(2002)	(2002)	(2001)	(2001)	(2002)	(2000)	(2000)	(2002)	(2002)	(2002)	(2002)	(2001)

0209782520 WHITE OAK CREEK AT GREEN LEVEL, NC—Continued

SUMMARY STATISTICS	FOR 2002 CALENDAR YEAR		FOR 2003 WATER YEAR		WATER YEARS 2000 - 2003	
ANNUAL TOTAL	4,735.51		9,249.64		12.8	
ANNUAL MEAN	13.0		25.3		25.3	
HIGHEST ANNUAL MEAN					5.51	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	312	Oct 11	472	Apr 10	472	Apr 10, 2003
LOWEST DAILY MEAN	0.00	May 28	0.00	Oct 3	0.00	May 28, 2002
ANNUAL SEVEN-DAY MINIMUM	0.00	May 28	0.00	Oct 3	0.00	May 28, 2002
MAXIMUM PEAK FLOW			1,140	Oct 11	1,140	Oct 11, 2002
MAXIMUM PEAK STAGE			10.51	Oct 11	10.51	Oct 11, 2002
INSTANTANEOUS LOW FLOW			0.00*	Oct 3	0.00*	May 28, 2002
ANNUAL RUNOFF (CFSM)	1.86		3.64		1.84	
ANNUAL RUNOFF (INCHES)	25.27		49.37		24.96	
10 PERCENT EXCEEDS	31		60		27	
50 PERCENT EXCEEDS	1.8		8.7		2.8	
90 PERCENT EXCEEDS	0.00		1.4		0.02	

e Estimated.
 * See REMARKS.

