

02053500 AHOSKIE CREEK AT AHOSKIE, NC

LOCATION.--Lat 36°16'49", long 76°59'58", Hertford County, Hydrologic Unit 03010203, on right bank 10 ft downstream of bridge on State Highways 11 and 42, 0.5 mi upstream from Seaboard Coast Line Railroad bridge, and 0.8 mi southwest of Ahoskie.

DRAINAGE AREA.--63.3 mi².

PERIOD OF RECORD.--January 1950 to current year.

REVISED RECORDS.--WDR NC-81-1: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 17.46 ft above NGVD of 1929 (Soil Conservation Service bench mark). Prior to Jan. 4, 1963, present site at 21.46 ft. Jan. 20, 1950, to May 24, 1951, nonrecording gage. Satellite telemetry at station.

REMARKS.--No estimated daily discharges. Records fair. Entire basin above station canalized since July 1964. Minimum discharge since canalization also occurred Oct. 9, 1988. Prior to canalization, no flow occurred periodically.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of August 1940 reached a stage of 15.1 ft, present datum, from floodmark witnessed by local resident; discharge not determined.

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	24	170	15	32	44	23	26	12	9.0	85	17	536
2	22	98	14	30	36	22	28	14	8.4	41	27	632
3	20	64	13	28	56	21	24	69	7.7	23	129	356
4	18	46	14	27	115	21	22	108	8.6	16	66	100
5	16	36	54	27	76	20	19	68	9.7	12	33	55
6	15	31	59	46	60	20	18	44	9.1	11	86	41
7	14	28	40	40	114	20	16	27	8.2	14	53	45
8	13	26	31	33	99	25	15	20	7.7	42	28	38
9	13	23	26	31	65	26	15	16	7.1	124	21	154
10	12	21	30	31	54	23	14	14	7.5	65	16	112
11	12	20	394	29	46	24	14	13	7.4	44	14	55
12	12	19	238	27	56	23	15	12	11	28	17	39
13	11	17	142	27	109	21	17	12	8.0	20	120	31
14	11	16	514	26	79	19	23	11	7.4	16	463	27
15	12	15	799	25	71	44	37	11	6.8	12	1,310	26
16	12	14	610	24	141	93	37	10	6.6	9.9	1,540	32
17	11	14	385	23	140	112	25	10	6.9	8.2	1,540	28
18	11	13	335	24	144	75	21	9.9	9.4	48	1,220	46
19	11	22	206	29	111	55	18	9.9	12	25	372	53
20	10	93	141	28	83	41	16	10	12	13	144	34
21	10	59	100	25	64	34	15	9.9	8.8	11	87	26
22	9.7	40	77	24	48	29	15	10	7.3	12	166	23
23	9.4	31	63	23	39	26	13	9.9	7.7	106	100	20
24	9.3	26	80	22	35	23	12	9.9	43	82	61	18
25	9.1	23	91	22	32	21	12	9.8	27	35	46	17
26	9.1	20	69	22	29	20	13	9.6	53	66	37	15
27	9.2	18	57	23	27	19	21	22	38	40	32	14
28	11	17	48	25	26	18	19	16	21	28	28	15
29	586	18	42	30	24	17	15	11	15	24	25	17
30	688	17	39	48	---	16	13	9.3	12	22	25	15
31	378	---	35	57	---	17	---	9.2	---	18	124	---
TOTAL	2,008.8	1,055	4,761	908	2,023	968	568	627.4	403.3	1,101.1	7,947	2,620
MEAN	64.8	35.2	154	29.3	69.8	31.2	18.9	20.2	13.4	35.5	256	87.3
MAX	688	170	799	57	144	112	37	108	53	124	1,540	632
MIN	9.1	13	13	22	24	16	12	9.2	6.6	8.2	14	14
CFSM	1.02	0.56	2.43	0.46	1.10	0.49	0.30	0.32	0.21	0.56	4.05	1.38
IN.	1.18	0.62	2.80	0.53	1.19	0.57	0.33	0.37	0.24	0.65	4.67	1.54

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1964 - 2004,* BY WATER YEAR (WY)

MEAN	40.2	23.6	48.7	97.6	123	121	74.5	43.0	42.7	30.8	49.2	50.6
MAX	297	120	177	260	343	303	243	238	322	126	381	894
(WY)	(1972)	(1986)	(1990)	(1979)	(1998)	(1989)	(1983)	(1979)	(2001)	(1975)	(1992)	(1999)
MIN	2.84	3.21	3.10	7.66	18.9	17.3	8.73	4.21	5.43	3.55	3.59	3.41
(WY)	(2002)	(1982)	(1995)	(1981)	(1968)	(1988)	(1985)	(1986)	(1986)	(1987)	(1983)	(1980)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1964 - 2004*	
ANNUAL TOTAL	43,924.0		24,990.6		61.7	
ANNUAL MEAN	120		68.3		114	
HIGHEST ANNUAL MEAN					14.7	
LOWEST ANNUAL MEAN					1981	
HIGHEST DAILY MEAN	1,500	Jun 9	1,540	Aug 16	7,710	Sep 17, 1999
LOWEST DAILY MEAN	7.1	Sep 11	6.6	Jun 16	0.61	Oct 8, 1988
ANNUAL SEVEN-DAY MINIMUM	8.3	Aug 24	7.7	Jun 11	0.85	Sep 27, 1988
MAXIMUM PEAK FLOW			1,570	Aug 17	8,570	Sep 17, 1999
MAXIMUM PEAK STAGE			11.23	Aug 17	17.32	Sep 17, 1999
INSTANTANEOUS LOW FLOW			5.6	Jun 23	0.45*	Oct 8, 1988
ANNUAL RUNOFF (CFSM)	1.90		1.08		0.975	
ANNUAL RUNOFF (INCHES)	25.81		14.69		13.25	
10 PERCENT EXCEEDS	362		112		133	
50 PERCENT EXCEEDS	26		24		17	
90 PERCENT EXCEEDS	9.7		9.9		4.2	

* Canalized period only (1954-2004). See REMARKS.

