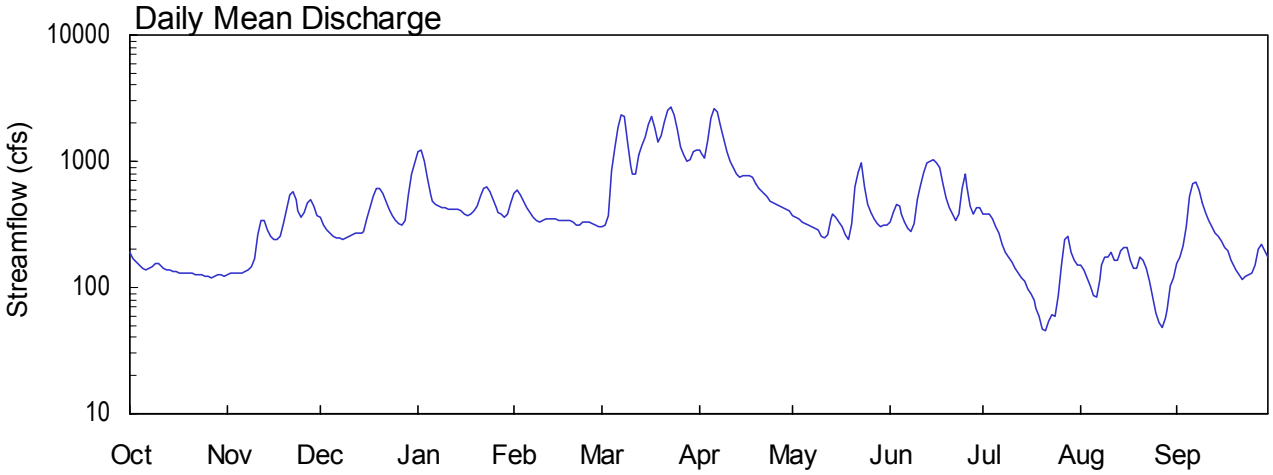
APALACHICOLA RIVER BASIN

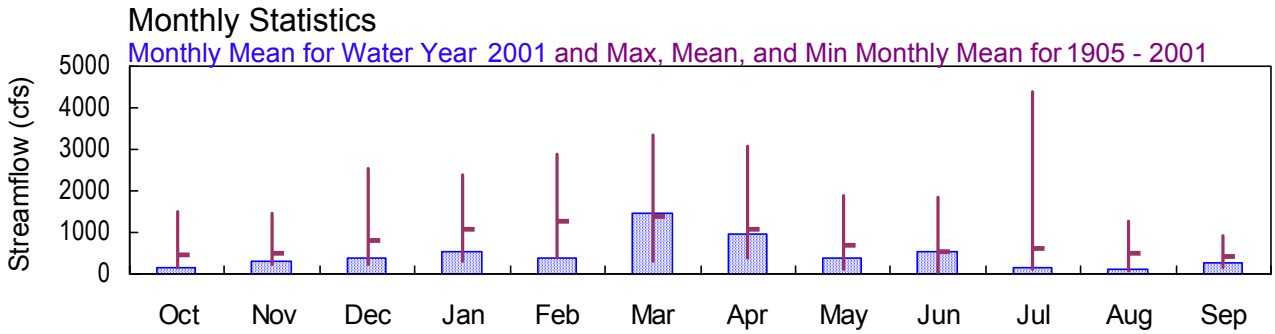
2001 Water Year

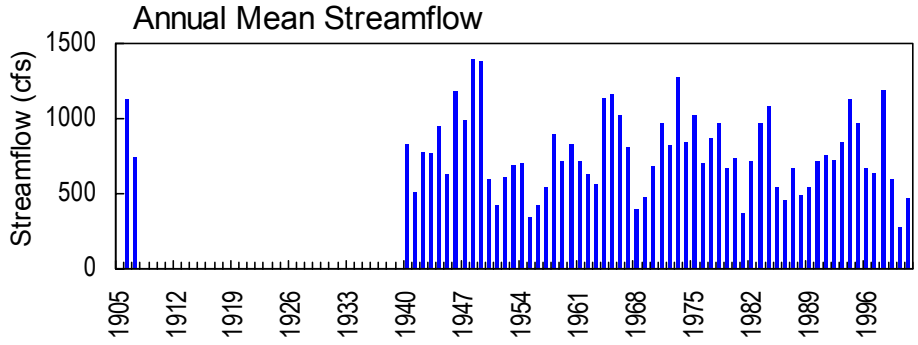
02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA

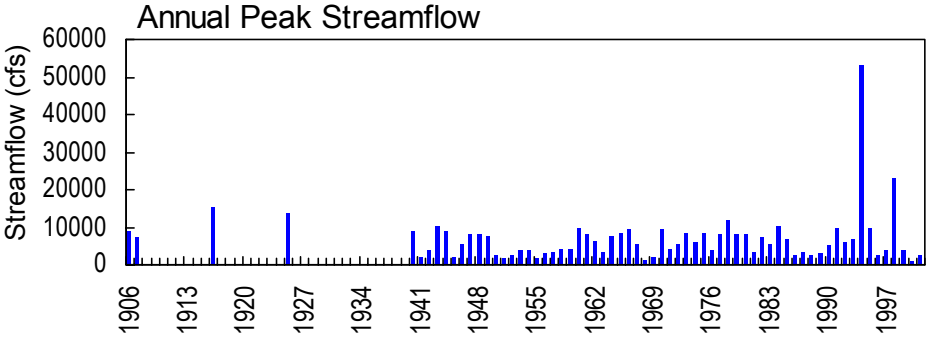
Latitude: 31°22'58" Longitude: 84°32'52" Hydrologic Unit Code: 03130009 Baker County

Drainage Area: 620 mi^2 Datum: 150.3 feet Period of Record: 1905 - 2001









APALACHICOLA RIVER BASIN
2001 Water Year

02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA

LOCATION.--Lat 31°22'58", long 84°32'52", Baker County, Hydrologic Unit 03130009, on downstream end of left bank pier of bridge on GA Highway 216 at Milford, 2.2 miles upstream from Alligator Creek, and 5.5 miles upstream from Chickasawhatchee Creek.

DRAINAGE AREA.--620 mi^2, approximately.

COOPERATION.—Georgia Geologic Survey.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1905 to December 1907, October 1939 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 150.3 feet above sea level (levels by Georgia Department of Transportation). From August 29, 1905 to December 31, 1907, a non-recording gage was located at several sites within 450 feet of present site at various datums. From October 1, 1939 to November 10, 1941, a non-recording gage was located at site 100 feet downstream at present datum.

REMARKS.--Records good. Discharges during growing season affected by undetermined amount of irrigation withdrawal. Moderate diurnal fluctuation occurs at low flow.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in July 1916 reached a stage of 17.2 feet, from information by local resident; discharge, 15,500 ft^3/s.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 3,000 ft^3/s and maximum (*):

DATE	TIME	DISCHARGE (ft^3/s)	GAGE HEIGHT (ft)
Mar. 23	0200	2,760*	5.60*

02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA—continued.

WATER-STAGE RECORDS

PERIOD OF RECORD.— September 1905 to December 1907, October 1939 to current year.

GAGE.—Phone telemetry with a water-stage recorder. Datum of gage is 150.3 feet above sea level (levels by Georgia Department of Transportation). From August 29, 1905 to December 31, 1907, a non-recording gage was located at several sites within 450 feet of present site at various datums. From October 1, 1939 to November 10, 1941, a non-recording gage was located at site 100 feet downstream at present datum.

REMARKS.—Records good.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 5.60 feet, March 23; minimum gage-height recorded, 0.10 feet, July 20-21, Aug. 26-27.

STATION NUMBER 02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA STREAM SOURCE AGENCY USGS
LATITUDE 312258 LONGITUDE 0843252 DRAINAGE AREA 620.00 DATUM 150.30 STATE 13 COUNTY 007

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	190	128	357	1190	564	305	1230	375	329	382	150	154
2	168	130	314	1230	590	309	1150	361	390	386	138	172
3	159	131	285	1000	542	372	1070	346	452	379	118	216
4	151	131	269	718	482	838	1470	329	441	353	102	301
5	140	131	256	548	431	1260	2190	320	378	305	86	529
6	139	131	249	488	394	1850	2590	312	328	267	83	663
7	142	132	246	461	365	2330	2450	302	291	221	117	683
8	147	139	242	441	343	2290	1910	298	276	192	152	584
9	156	144	248	428	335	1420	1490	283	323	173	173	470
10	153	170	253	425	342	925	1190	256	497	161	173	389
11	147	259	265	420	347	781	1010	249	639	143	192	336
12	143	343	271	417	354	795	900	263	815	129	162	304
13	139	339	271	415	350	1120	802	351	958	118	164	272
14	138	284	270	417	349	1340	741	381	1010	111	197	252
15	135	251	279	400	345	1550	769	364	1040	98	208	231
16	133	239	346	380	345	1950	769	334	978	89	207	210
17	131	237	433	372	344	2280	780	300	882	79	166	193
18	131	256	521	382	345	1850	740	265	672	69	143	166
19	130	324	601	406	337	1420	662	243	508	60	141	146
20	129	422	609	447	331	1590	617	320	432	47	173	136
21	129	537	555	533	313	2090	579	631	377	46	165	126
22	127	578	478	617	314	2560	548	806	342	55	140	116
23	127	499	416	626	328	2680	527	970	383	61	112	122
24	126	404	372	573	330	2330	486	631	613	60	83	125
25	122	358	342	503	328	1770	464	459	786	87	62	129
26	121	390	322	435	324	1310	449	395	631	149	52	151
27	120	475	309	399	312	1120	439	351	440	237	48	199
28	122	500	340	378	304	992	428	318	387	252	58	219
29	125	436	544	365	---	1020	416	302	429	188	67	197
30	126	372	795	379	---	1180	401	310	425	162	102	174
31	124	---	983	471	---	1220	---	310	---	149	120	---
TOTAL	4270	8870	12041	16264	10388	44847	29267	11735	16452	5208	4054	7965
MEAN	138	296	388	525	371	1447	976	379	548	168	131	266
MAX	190	578	983	1230	590	2680	2590	970	1040	386	208	683
MIN	120	128	242	365	304	305	401	243	276	46	48	116
CFSM	.22	.48	.63	.85	.60	2.33	1.57	.61	.88	.27	.21	.43
IN.	.26	.53	.72	.98	.62	2.69	1.76	.70	.99	.31	.24	.48

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1905 - 2001, BY WATER YEAR (WY)

MEAN	453	499	814	1091	1256	1366	1078	682	546	624	482	405
MAX	1507	1461	2547	2383	2891	3336	3094	1871	1837	4382	1270	928
(WY)	1995	1948	1949	1964	1973	1998	1944	1971	1906	1994	1948	1994
MIN	138	215	241	304	371	315	374	124	41.7	96.6	87.2	145
(WY)	2001	1956	1956	1956	2001	1955	1968	2000	2000	1986	2000	1954

SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR		FOR 2001 WATER YEAR		WATER YEARS 1905 - 2001	
ANNUAL TOTAL	96772.6		171361			
ANNUAL MEAN	264		469		770	
HIGHEST ANNUAL MEAN					1391	1948
LOWEST ANNUAL MEAN					275	2000
HIGHEST DAILY MEAN	983	Dec 31	2680	Mar 23	30000	Jul 7 1994
LOWEST DAILY MEAN	6.6	Aug 22	46	Jul 21	6.6	Aug 22 2000
ANNUAL SEVEN-DAY MINIMUM	17	Aug 27	57	Jul 18	17	Aug 27 2000
MAXIMUM PEAK FLOW			2760	Mar 23	53000	Jul 7 1994
MAXIMUM PEAK STAGE			5.60	Mar 23	23.20	Jul 7 1994
INSTANTANEOUS LOW FLOW					5.0	Aug 14 1986
ANNUAL RUNOFF (CFSM)	.43		.76		1.24	
ANNUAL RUNOFF (INCHES)	5.81		10.28		16.87	
10 PERCENT EXCEEDS	547		1010		1530	
50 PERCENT EXCEEDS	240		339		543	
90 PERCENT EXCEEDS	36		126		232	

STATISTICS COMPUTED BY: msreynol DATE: 01/31/2002 AT: 14:14:14

STATION NUMBER 02353500 ICHAWAYNOCHAWAY CREEK AT MILFORD, GA STREAM SOURCE AGENCY USGS
LATITUDE 312258 LONGITUDE 0843252 DRAINAGE AREA 620.00 DATUM 150.30 STATE 13 COUNTY 007

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.08	.79	1.44	2.62	1.75	1.34	2.64	1.31	1.20	1.37	.91	.80
2	1.01	.79	1.35	2.70	1.78	1.35	2.49	1.28	1.34	1.38	.84	.86
3	.96	.80	1.30	2.31	1.72	1.46	2.34	1.24	1.46	1.37	.72	.99
4	.92	.81	1.26	1.93	1.63	2.05	3.18	1.20	1.44	1.33	.62	1.19
5	.85	.81	1.24	1.73	1.56	2.73	4.62	1.18	1.31	1.23	.49	1.61
6	.85	.80	1.22	1.64	1.50	3.98	5.32	1.16	1.20	1.15	.47	1.82
7	.87	.81	1.21	1.60	1.45	4.87	5.08	1.14	1.11	1.04	.71	1.84
8	.89	.85	1.20	1.57	1.41	4.80	4.11	1.13	1.07	.95	.92	1.70
9	.95	.87	1.22	1.56	1.40	3.08	3.22	1.09	1.19	.89	1.02	1.52
10	.93	1.00	1.23	1.55	1.41	2.15	2.57	1.02	1.54	.84	1.03	1.38
11	.89	1.24	1.25	1.54	1.42	1.97	2.26	1.00	1.77	.77	1.08	1.29
12	.87	1.41	1.27	1.53	1.43	1.99	2.11	1.04	2.01	.71	.98	1.23
13	.85	1.40	1.27	1.53	1.42	2.45	2.00	1.25	2.18	.66	.98	1.18
14	.84	1.30	1.27	1.53	1.42	2.89	1.92	1.32	2.25	.62	1.09	1.15
15	.83	1.22	1.28	1.51	1.41	3.36	1.96	1.28	2.29	.54	1.12	1.12
16	.82	1.20	1.41	1.48	1.41	4.19	1.96	1.21	2.21	.49	1.12	1.08
17	.81	1.20	1.56	1.46	1.41	4.78	1.97	1.13	2.10	.42	.99	1.05
18	.80	1.24	1.69	1.48	1.41	3.98	1.92	1.04	1.82	.34	.87	.98
19	.79	1.37	1.79	1.52	1.40	3.07	1.81	.98	1.56	.26	.86	.91
20	.79	1.54	1.80	1.58	1.39	3.44	1.74	1.17	1.42	.12	1.02	.87
21	.79	1.71	1.73	1.71	1.36	4.44	1.68	1.76	1.31	.11	.99	.84
22	.77	1.76	1.63	1.81	1.36	5.26	1.63	2.00	1.23	.21	.85	.79
23	.77	1.66	1.53	1.83	1.38	5.47	1.60	2.20	1.32	.27	.68	.84
24	.77	1.51	1.46	1.76	1.39	4.88	1.52	1.75	1.73	.26	.46	.86
25	.75	1.44	1.41	1.67	1.38	3.81	1.49	1.47	1.98	.49	.28	.89
26	.74	1.49	1.37	1.56	1.37	2.83	1.46	1.35	1.76	.89	.17	1.01
27	.73	1.62	1.35	1.51	1.35	2.43	1.44	1.25	1.45	1.19	.13	1.14
28	.75	1.66	1.40	1.47	1.33	2.23	1.42	1.18	1.36	1.23	.24	1.19
29	.76	1.56	1.71	1.45	---	2.27	1.39	1.14	1.44	1.07	.31	1.14
30	.77	1.46	2.02	1.47	---	2.55	1.36	1.16	1.44	.98	.57	1.08
31	.76	---	2.27	1.62	---	2.64	---	1.16	---	.91	.65	---
MEAN	.84	1.24	1.46	1.68	1.45	3.19	2.34	1.28	1.58	.78	.75	1.14
MAX	1.08	1.76	2.27	2.70	1.78	5.47	5.32	2.20	2.29	1.38	1.12	1.84
MIN	.73	.79	1.20	1.45	1.33	1.34	1.36	.98	1.07	.11	.13	.79