

02084472 PAMLICO RIVER AT WASHINGTON, NC

LOCATION.--Lat 35°32'33", long 77°03'43", Beaufort County, Hydrologic Unit 03020104, at bridge on US Highway 17 at Washington, and 0.7 mi downstream of Kennedy Creek.

DRAINAGE AREA.--3,200 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1999 to current year. Daily mean elevations published March 1988 to May 1993.

REVISED RECORDS.--WRD NC-00-1B: Drainage area.

GAGE.--Water-stage recorder and acoustic velocity meter. Datum of gage is at NGVD of 1929. Satellite telemetry at station.

REMARKS.--Records fair except those for estimated daily discharges and periods Oct. 1-Dec. 10 and June 28-Aug. 20, which are poor. This site is strongly affected by both astronomical and wind tides. The astronomical tides occur at primary harmonic periods of 12.42 hours and 24.8 hours. The published 24.0 hour mean daily discharge data for this site may be affected by aliasing due to tides and can contain fluctuations that are not representative of net downstream discharge.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 83,000 ft<sup>3</sup>/s, Sept. 21, 1999, maximum gage height, 8.14 ft, Sept. 16, 1999; minimum discharge, -90,800 ft<sup>3</sup>/s, Sept. 4, 1999.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	-866	e500	e500	-247	3800	267	5330	835	836	222	425	3390
2	-824	120	130	-175	1800	333	6670	1550	501	330	773	4250
3	-264	-111	32	367	2340	4590	6960	572	-328	590	144	5480
4	-458	e-100	26	692	5170	3280	7310	494	1400	625	489	7420
5	119	-266	105	79	-425	1980	8110	1890	943	735	946	7320
6	712	-405	e200	2110	1160	3210	10100	1520	474	-183	-209	8630
7	-455	e-300	e100	1020	2260	2640	9130	1310	-73	813	525	9100
8	-393	-227	e-100	1260	2750	2600	9090	-36	504	413	613	9110
9	e800	-335	-73	2900	4330	2800	7120	2090	916	657	576	6080
10	154	e-300	-369	2310	4380	1890	4280	375	545	227	201	3450
11	387	e300	-188	2450	4290	1620	3840	1110	530	166	429	-803
12	-603	-362	-290	2550	5030	2360	3140	1710	499	445	693	-311
13	462	353	513	2730	3640	3000	3200	1440	133	460	589	2230
14	e1400	-171	222	3140	4480	1200	3080	1270	915	292	278	1370
15	e600	208	342	2440	4490	2750	2790	194	-379	291	681	1830
16	e-200	e200	299	2490	3430	2610	2380	1250	-359	473	533	2280
17	209	e300	768	1870	3060	2220	2200	474	178	250	409	1420
18	e-600	e400	872	1450	1150	1420	1950	926	805	946	519	4840
19	e200	e50	563	2730	1620	1360	2180	476	-61	241	508	5590
20	-237	-89	1380	2220	1830	2780	1790	-26	21	47	348	6260
21	567	-229	690	3600	1890	2700	1370	470	415	777	-758	6260
22	132	e-50	102	5250	1460	3170	2430	598	1080	568	262	4450
23	-20	245	483	7240	771	3400	409	12	570	573	-378	2690
24	205	291	401	7640	256	3350	1460	1720	301	270	509	1960
25	e200	388	-396	7940	1200	2870	2650	-261	287	927	-1030	1430
26	531	e-200	-72	7750	1550	3020	760	1070	404	314	566	1830
27	175	485	566	8160	2590	1950	1210	406	419	1280	-84	1780
28	-513	-123	192	7720	184	1950	1620	296	170	447	399	24
29	47	498	204	6820	---	3360	7.2	842	-175	347	398	1160
30	e100	e600	-65	5750	---	3550	1630	809	5.2	364	1650	1420
31	339	---	-228	4190	---	4210	---	505	---	181	1680	---
TOTAL	1906	1670	6909	106446	70486	78440	114196.2	25891	11476.2	14088	12684	111940
MEAN	61.48	55.67	222.9	3434	2517	2530	3807	835.2	382.5	454.5	409.2	3731
MAX	1400	600	1380	8160	5170	4590	10100	2090	1400	1280	1680	9110
MIN	-866	-405	-396	-247	-425	267	7.2	-261	-379	-183	-1030	-803

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2002, BY WATER YEAR (WY)

	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
MEAN	5003	1012	1366	2877	3877	3277	3893	1176	2123	1256	2527	2826
MAX	13860	2608	2225	3921	6639	4249	4838	1707	4613	1985	4843	4638
(WY)	2000	2000	2000	2000	2000	2001	2001	2000	2001	2000	2000	2000
MIN	61.5	55.7	223	1276	2376	2530	3034	835	383	454	409	109
(WY)	2002	2002	2002	2001	2001	2002	2000	2002	2002	2002	2002	2001

SUMMARY STATISTICS FOR 2001 CALENDAR YEAR FOR 2002 WATER YEAR WATER YEARS 2000 - 2002

ANNUAL TOTAL	679031.0	556132.4	
ANNUAL MEAN	1860	1524	2593
HIGHEST ANNUAL MEAN			4157
LOWEST ANNUAL MEAN			1524
HIGHEST DAILY MEAN	13200	Apr 8	10100
LOWEST DAILY MEAN	-949	Sep 15	-1030
ANNUAL SEVEN-DAY MINIMUM	-381	Sep 28	-291
MAXIMUM PEAK FLOW			15500
MAXIMUM PEAK STAGE		2.52	Aug 31
INSTANTANEOUS LOW FLOW		-13400	May 3
10 PERCENT EXCEEDS	4690	4350	6520
50 PERCENT EXCEEDS	1080	600	1650
90 PERCENT EXCEEDS	-193	-193	3.4

e Estimated.

Note.--Negative values indicate reverse flow.

02084472 PAMLICO RIVER AT WASHINGTON, NC--Continued

