

02084472 PAMLICO RIVER AT WASHINGTON, NC

LOCATION.--Lat 35°32'34", long 77°03'42", 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 mi².

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 negative daily discharges, 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. 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 ft³/s, Sept. 21, 1999, maximum gage height, 8.14 ft, Sept. 16, 1999; minimum discharge, -90,800 ft³/s, Sept. 4, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 28,400 ft³/s, Sept. 19, maximum gage height 6.25 ft, Sept. 18; minimum discharge, -45,900 ft³/s, Sept. 18, minimum gage height -2.62 ft, Dec. 25.

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

DAY	OCTOBER		NOVEMBER		DECEMBER		JANUARY		FEBRUARY		MARCH	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
1	4,160	-2,730	8,260	-1,680	7,700	-2,910	11,300	-1,790	7,730	-1,480	13,500	6,950
2	6,170	-3,090	13,200	-803	6,040	-2,810	10,500	-2,080	8,490	-3,820	14,600	8,800
3	5,090	-2,930	10,400	-356	8,030	-3,420	11,300	814	11,900	419	15,600	-6,300
4	10,200	-9,560	10,100	1,210	8,030	-6,560	9,630	-2,600	11,600	-2,560	16,500	8,900
5	3,730	-4,070	8,820	-2,460	9,060	-3,540	13,000	1,730	10,500	822	16,500	9,950
6	8,540	-13,200	9,800	-1,650	7,460	-3,140	13,000	2,400	11,500	2,670	18,900	7,760
7	5,170	-4,750	8,730	-2,770	9,460	1,460	11,100	-665	10,800	1,850	20,700	8,100
8	4,480	-6,480	9,460	-1,860	9,810	4,170	11,700	-4,090	9,310	1,740	20,200	14,200
9	4,060	-3,020	9,460	555	11,000	3,690	11,900	327	10,600	3,780	19,800	14,700
10	5,680	-4,720	8,050	2,380	10,600	4,200	7,530	-3,040	16,200	3,320	19,400	7,710
11	8,830	-6,780	10,200	-1,190	11,200	5,410	8,370	-1,750	12,100	5,010	19,900	12,200
12	12,400	-2,570	11,200	-2,800	8,860	5,090	7,440	-3,660	14,100	3,960	17,200	9,330
13	9,230	-2,690	11,700	-21	15,700	2,850	5,580	-1,880	11,600	5,050	14,500	9,980
14	11,300	-8,430	10,200	4,010	13,100	126	8,660	-4,320	12,200	6,060	13,900	-200
15	12,500	-14,400	10,700	2,990	9,640	2,980	8,230	-6,140	9,610	3,200	10,400	4,780
16	20,600	-12,400	12,800	3,610	10,300	708	7,730	-4,050	9,460	2,180	9,850	-662
17	15,600	156	15,500	5,950	11,300	4,530	9,790	-1,560	12,100	2,830	9,160	-198
18	14,700	2,560	16,600	4,170	10,400	4,570	6,950	-5,410	11,000	5,140	9,290	-3,250
19	12,800	4,420	12,300	7,490	11,400	6,160	9,450	-4,860	14,400	2,480	8,690	-2,980
20	10,300	2,250	12,200	8,330	14,700	6,420	6,920	-2,370	14,000	2,090	14,300	-4,850
21	9,300	-617	12,400	6,690	11,200	4,810	6,920	-5,800	13,800	5,960	11,200	2,080
22	8,250	-4,800	14,900	7,440	10,600	2,960	5,720	-5,310	11,800	4,590	14,200	2,080
23	6,340	-3,020	12,300	3,680	8,560	1,580	9,080	-1,990	16,200	-879	14,000	2,600
24	11,800	-6,100	9,250	2,740	17,200	-7,920	7,680	-5,000	11,800	2,550	15,400	4,470
25	10,000	-3,540	9,530	1,670	13,300	3,760	7,680	-4,110	11,200	2,400	16,000	7,980
26	8,180	-4,890	8,070	2,650	8,350	-1,990	5,910	-1,390	11,900	7,810	16,300	9,740
27	8,160	-3,730	7,000	-3,950	9,540	2,370	6,410	-4,790	12,800	5,740	19,300	4,350
28	8,780	-686	6,050	-1,480	9,520	3,900	5,140	-910	14,700	6,920	19,400	5,130
29	6,840	-2,800	6,430	-1,520	10,600	-1,840	5,230	-1,500	---	---	17,400	9,180
30	10,500	-5,840	7,020	-2,920	11,600	2,600	5,830	-1,940	---	---	17,800	4,000
31	5,290	-3,580	---	---	11,900	4,380	6,610	-2,360	---	---	15,900	4,370
MONTH	20,600	-14,400	16,600	-3,950	17,200	-7,920	13,000	-6,140	16,200	-3,820	20,700	-6,300

02084472 PAMLICO RIVER AT WASHINGTON, NC—Continued

DISCHARGE, CUBIC FEET PER SECOND—CONTINUED
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX		MIN		MAX		MIN		MAX		MIN	
	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	MAX	MIN	MAX	MIN	MAX	MIN
1	11,100	3,610	8,180	-1,940	21,400	9,170	6,980	-3,960	5,120	-3,030	7,020	-6,230
2	10,200	1,590	9,570	-3,680	14,500	6,030	15,100	-10,500	6,560	-3,900	6,870	-2,980
3	11,900	2,050	11,800	-12,900	11,700	5,720	15,100	3,270	7,600	-2,190	5,410	-1,810
4	10,600	2,140	9,790	-4,520	9,480	1,220	7,880	-2,800	6,690	-4,940	6,030	-2,960
5	11,400	1,830	8,860	-1,680	7,920	-884	7,870	813	5,330	-3,210	6,630	-6,270
6	11,700	-6,010	9,460	-361	7,810	-3,830	8,500	230	10,900	-2,760	5,970	-6,190
7	15,900	-5,240	7,370	586	6,970	-1,780	8,820	67	8,710	-4,000	7,600	-3,100
8	6,820	684	6,520	-3,320	7,420	-2,600	10,200	-505	14,300	-1,210	7,330	-2,410
9	12,600	-876	10,400	-3,670	9,040	-1,300	7,520	-3,660	13,000	892	7,870	-9,460
10	23,900	-7,370	11,100	-6,330	11,200	3,100	10,200	-4,830	15,100	2,970	6,910	-6,080
11	24,300	9,970	10,900	-3,060	11,700	4,600	6,430	-2,810	16,500	10,100	7,880	-5,480
12	18,600	10,600	7,660	-3,190	9,900	6,840	8,540	-5,200	19,400	6,750	8,520	-6,880
13	20,900	12,400	6,790	-4,540	11,400	5,960	10,700	-6,150	18,200	10,300	7,010	-1,880
14	23,000	15,100	6,440	-4,540	12,300	5,350	8,920	-6,570	17,000	9,380	8,620	-7,720
15	24,800	16,400	6,480	-2,910	9,910	3,190	7,560	-3,500	15,300	10,400	8,290	-3,850
16	24,600	17,900	6,720	-6,570	11,300	-3,020	6,730	-2,140	13,400	7,360	7,780	-8,110
17	24,300	16,900	8,140	-4,350	10,300	-4,160	7,150	-2,280	14,200	5,850	9,900	-7,640
18	23,300	17,900	6,820	-5,190	9,840	-4,680	8,850	-4,400	13,000	-2,520	24,400	-45,900
19	22,800	14,900	8,400	-1,130	10,100	-4,060	9,060	-825	10,400	-1,110	28,400	3,170
20	20,800	7,150	8,960	-1,610	8,290	-3,920	4,570	-2,190	10,300	2,580	16,400	10,500
21	18,200	7,860	9,650	2,230	10,300	-4,710	6,080	-2,440	10,300	422	16,400	10,500
22	15,900	5,070	8,830	-2,340	8,120	-3,420	5,670	-1,470	8,140	405	17,900	5,470
23	9,940	-4,630	17,000	-2,050	10,200	-1,740	8,520	-5,120	5,620	-4,070	18,500	4,970
24	11,100	-5,590	17,300	3,430	8,010	-3,090	9,730	-2,950	5,820	-4,070	17,200	7,090
25	8,870	-1,500	15,000	3,640	7,090	-2,390	9,580	-3,850	8,410	-3,400	17,200	6,460
26	11,800	-2,810	15,500	8,290	5,730	-1,700	8,200	-2,080	5,770	-1,280	16,000	4,740
27	12,200	-5,970	18,400	-1,110	5,410	-2,640	6,560	-1,530	5,500	-2,380	17,500	2,540
28	8,510	-752	17,700	10,900	5,110	-2,500	6,140	-4,770	6,310	-1,870	16,400	4,630
29	9,180	417	19,400	11,100	8,400	-9,340	10,200	-6,860	7,590	-3,760	16,900	4,550
30	8,670	-1,070	16,600	9,920	8,660	-4,070	6,540	-7,760	6,170	-2,830	10,500	-1,260
31	---	---	21,400	7,270	---	---	6,290	-6,370	6,960	-5,470	---	---
MONTH	24,800	-7,370	21,400	-12,900	21,400	-9,340	15,100	-10,500	19,400	-5,470	28,400	-45,900

