

LOCATION.--Lat 39°41'45", long 74°49'30", Camden County, Hydrologic Unit 02040301, on left bank of stream near southern end of Pestleton Road, 0.8 miles upstream from confluence with Blue Anchor Brook, and 1.2 miles north of Elm.

PERIOD OF RECORD.--October 2004 to current year.

GAGE.--Water-stage recorder. Datum of gage is 80 ft above NAVD of 1988, from topographic map.

REMARKS.--Records fair, except for estimated daily discharges and discharges above 40 ft³/s which are poor. Some regulation from unknown source. Several measurements of water temperature were made during the year. Satellite gage-height telemetry at station.

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62	4.9	33	9.9	18	22	24	26	8.4	7.3	7.2	6.3
2	53	4.0	32	9.2	17	21	64	22	8.0	12	7.8	6.4
3	39	3.8	17	9.6	18	19	67	20	8.9	9.4	8.3	6.1
4	27	5.4	12	9.8	19	18	42	17	13	6.2	8.5	5.8
5	21	11	13	12	21	17	42	16	12	5.0	8.7	4.2
6	15	7.3	11	16	23	17	36	15	11	9.4	8.6	4.8
7	13	6.0	13	14	22	16	28	12	12	7.9	8.8	5.3
8	13	5.3	17	22	11	22	35	10	11	45	9.4	5.4
9	13	4.5	15	17	7.4	22	35	12	10	41	13	5.7
10	12	e3.8	22	23	6.4	20	34	12	9.5	6.8	17	5.9
11	11	e3.7	21	19	10	22	32	13	9.1	2.8	18	5.8
12	10	e5.1	17	13	17	21	27	14	8.5	3.0	15	5.7
13	9.5	13	15	20	19	19	22	12	8.6	3.9	8.2	5.8
14	11	9.4	13	24	23	16	17	13	8.4	3.7	5.3	6.6
15	19	8.5	11	33	40	15	18	18	8.4	2.9	5.9	9.2
16	17	7.6	17	22	32	14	18	13	8.4	2.5	6.1	9.0
17	13	e4.0	23	17	31	13	18	9.2	8.5	2.3	7.3	8.4
18	9.7	e3.7	15	19	27	13	17	8.6	7.9	2.8	7.6	8.0
19	23	e3.7	11	10	23	13	15	8.4	7.1	7.2	6.9	7.6
20	20	e3.7	10	13	21	13	13	14	7.3	5.4	6.6	7.7
21	16	e3.7	9.3	13	23	14	11	19	7.0	4.1	6.1	7.8
22	15	e3.7	7.4	14	24	14	11	15	7.3	4.0	6.0	7.1
23	12	e3.7	8.5	15	22	23	14	15	7.6	4.0	5.8	6.4
24	8.8	6.9	21	15	21	33	16	14	7.4	4.1	5.4	6.2
25	6.5	5.6	21	15	22	25	16	13	7.2	4.4	5.0	5.5
26	5.7	4.3	14	16	21	24	16	13	7.4	4.4	4.5	5.7
27	5.1	3.7	12	16	20	21	21	12	9.3	4.2	4.6	6.5
28	4.9	15	11	16	19	37	20	11	12	4.8	5.0	6.4
29	4.6	16	8.2	16	---	40	17	10	8.6	5.4	5.3	6.3
30	5.6	16	8.5	17	---	38	20	8.9	7.7	5.7	5.8	6.3
31	5.5	---	9.9	19	---	30	---	8.8	---	6.5	6.0	---
TOTAL	500.9	197.0	468.8	504.5	577.8	652	766	424.9	267.5	238.1	243.7	193.9
MEAN	16.2	6.57	15.1	16.3	20.6	21.0	25.5	13.7	8.92	7.68	7.86	6.46
MAX	62	16	33	33	40	40	67	26	13	45	18	9.2
MIN	4.6	3.7	7.4	9.2	6.4	13	11	8.4	7.0	2.3	4.5	4.2
CFSM	1.49	0.61	1.40	1.51	1.91	1.95	2.36	1.27	0.82	0.71	0.73	0.60
IN.	1.72	0.68	1.61	1.74	1.99	2.24	2.64	1.46	0.92	0.82	0.84	0.67

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

[illegible]

0140940810 PUMP BRANCH NEAR ELM, NJ—Continued

SUMMARY STATISTICS

FOR 2005 WATER YEAR

ANNUAL TOTAL	5,035.1	
ANNUAL MEAN	13.8	
HIGHEST ANNUAL MEAN		
LOWEST ANNUAL MEAN		
HIGHEST DAILY MEAN	67	Apr 3
LOWEST DAILY MEAN	2.3	Jul 17
ANNUAL SEVEN-DAY MINIMUM	3.0	Jul 11
MAXIMUM PEAK FLOW	113a	Apr 2
MAXIMUM PEAK STAGE	3.54b	Jul 8
INSTANTANEOUS LOW FLOW	0.98c	Jan 18
ANNUAL RUNOFF (CFSM)	1.28	
ANNUAL RUNOFF (INCHES)	17.33	
10 PERCENT EXCEEDS	23	
50 PERCENT EXCEEDS	12	
90 PERCENT EXCEEDS	4.9	

