



Water-Data Report 2007

**01482503 CHESTNUT RUN AT WOODSTOWN, NJ**

DELAWARE RIVER BASIN

LOCATION.--Lat 39°38'47", long 75°19'39" referenced to North American Datum of 1983, Woodstown Borough, Salem County, NJ, Hydrologic Unit 02040206, at bridge on South Main Street (County Route 672), 0.2 mi upstream from mouth, 0.3 mi south of Woodstown, and 2.1 mi east of Sharptown.

DRAINAGE AREA.--1.88 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Miscellaneous measurements, water year 2007.

GAGE.--Reference point only.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Jul 9, 2007	0.18
Jul 24, 2007	0.21
Aug 14, 2007	0.06
Aug 22, 2007	0.51
Sep 24, 2007	0.01

## 01482503 CHESTNUT RUN AT WOODSTOWN, NJ—Continued

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--July to September 2007.

COOPERATION.--Physical measurements and samples for laboratory analysis were collected in cooperation with the NJ Department of Environmental Protection. Determinations of carbonaceous biochemical oxygen demand and suspended residue were performed by the NJ Department of Health and Senior Services, Environmental and Chemical Laboratory.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 2

[Remark codes: &lt;, less than; E, estimated.]

Date	Time	Instan- taneous dis- charge, cfs (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif- ic conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, air, deg C (00020)	Temper- ature, water, deg C (00010)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (90410)	Chlor- ide, water, fltrd, mg/L (00940)	Residue on evap. at 180degC wat flt mg/L (70300)
<b>Jul</b>													
09...	1110	.18	6.1	758	6.2	73	7.4	440	28.5	23.0	144	30.6	267
24...	1100	.21	6.2	763	6.7	73	7.4	464	22.0	19.8	156	30.0	264
<b>Aug</b>													
14...	0930	.06	6.2	759	5.1	57	7.3	462	23.0	20.4	163	27.3	276
22...	1050	.51	8.4	764	7.0	74	7.2	353	14.5	18.0	81	27.4	233
<b>Sep</b>													
24...	0930	.01	5.8	765	5.9	62	7.3	504	20.0	17.8	185	27.6	310

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 2

[Remark codes: &lt;, less than; E, estimated.]

Date	Residue total non- filter- able, mg/L (00530)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Total nitro- gen, water, unfltrd mg/L (00600)	Phos- phorus, water, fltrd, mg/L (00666)	Phos- phorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	CBOD, water, unfltrd 5 day, mg/L (80082)	Chloro- phyll a phyto- plank- ton, fluoro, µg/L (70953)	Pheo- phytin a, phyto- plank- ton, µg/L (62360)	Boron, water, unfltrd recover -able, µg/L (01022)	Iron, water, unfltrd recover -able, µg/L (01045)
<b>Jul</b>													
09...	6	.39	.097	.14	.53	.025	.079	3.8	<1.0	1.6	1.9	37	763
24...	7	.41	.087	.11	.52	.026	.090	4.3	<1.0	3.2	2.0	43	806
<b>Aug</b>													
14...	7	.36	.098	.12	.47	.022	.086	4.1	<1.0	2.1	1.3	41	910
22...	13	1.1	.117	.49	1.6	.088	.194	10.3	E1.2	12.5	7.3	50	1,260
<b>Sep</b>													
24...	3	.37	.055	.058	.42	.020	.077	3.6	<1.0	1.7	1.3	57	697