



Water-Data Report 2009

01410500 ABSECON CREEK AT ABSECON, NJ

ABSECON CREEK BASIN

LOCATION.--Lat 39°25'49", long 74°31'14" referenced to North American Datum of 1983, Absecon City, Atlantic County, NJ, Hydrologic Unit 02040302, on right bank 20 feet below dam on Doughty Pond, 100 feet upstream of Mill Road, 0.65 mi west of Absecon, and 3.4 mi upstream of mouth.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, water years 1923-29, 1933-38, 1946-84, and March 2008 to current year. Annual maximum tide only at upstream side of bridge, 100 ft downstream of current location, water years 1985 to 2007.

GAGE.--Water-stage recorders and crest-stage gages above and below weir. Datum of gage is 0.00 ft above NGVD of 1929.

REMARKS.--Records poor. Flow regulated by Atlantic City Reservoirs: Doughty Pond immediately upstream of gage (capacity 245,000,000 gal) for period of record, and since 1936, Kuehnle Reservoir 1.5 mi upstream of gage (capacity 250,000,000 gal). Diversion from Doughty Pond for municipal supply of Atlantic City. Several measurements of water temperature were made during the year. Satellite telemetry at station.

01410500 ABSECON CREEK AT ABSECON, NJ—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.3	0.3	0.2	20	13	15	5	12	8	19	4	3
2	0.4	0.3	0.2	24	13	21	8	12	11	14	8	2
3	0.3	0.3	0.2	25	14	10	15	13	13	11	13	3
4	0.4	0.2	0.5	25	14	5	14	20	9	10	7	4
5	0.4	0.2	0.9	25	12	7	5	17	25	7	4	5
6	0.4	0.3	0.7	26	10	9	14	31	29	10	4	6
7	0.4	0.3	10	34	11	11	16	24	13	9	5	6
8	0.4	0.3	1.3	35	11	11	9	21	9	7	4	6
9	0.2	0.3	0.6	27	11	19	8	16	16	6	24	6
10	0.2	0.3	3.0	25	10	5	7	17	15	6	22	8
11	0.3	0.3	28	25	10	8	22	14	11	7	13	e57
12	0.3	0.3	95	26	19	8	19	16	21	20	15	50
13	0.3	0.3	30	24	10	5	11	15	16	13	26	24
14	0.3	0.3	15	24	7	6	24	12	13	7	22	17
15	0.4	0.3	13	21	10	7	34	14	12	4	24	19
16	0.4	0.3	14	15	9	7	24	13	11	4	24	24
17	0.4	0.2	23	10	8	6	21	15	10	3	23	32
18	0.4	0.4	23	10	9	4	19	12	19	7	22	24
19	0.5	0.4	25	12	14	6	18	11	23	3	21	25
20	0.5	0.3	24	13	10	7	24	11	21	2	16	24
21	0.5	0.3	27	13	6	5	38	11	22	3	4	24
22	0.5	0.3	31	13	12	7	28	12	18	2	3	24
23	0.4	0.3	21	13	11	12	24	13	20	4	3	27
24	0.4	0.2	18	13	8.5	7	20	14	26	4	3	26
25	0.4	0.2	20	12	4	2	20	16	25	2	2	21
26	0.4	0.2	15	12	7	7	19	17	24	2	2	17
27	0.4	0.2	15	13	8	10	17	15	26	1.5	1.5	48
28	0.3	0.1	16	23	11	11	14	14	24	1.5	7	32
29	0.3	0.1	15	22	---	12	12	15	21	1.5	12	24
30	0.3	0.1	15	27	---	16	11	14	16	2	7	22
31	0.3	---	26	14	---	3	---	10	---	2	4	---
Total	11.4	7.9	526.6	621	292.5	269	520	467	527	194.5	349.5	610
Mean	0.37	0.26	17.0	20.0	10.4	8.68	17.3	15.1	17.6	6.27	11.3	20.3
Max	0.50	0.40	95	35	19	21	38	31	29	20	26	57
Min	0.20	0.10	0.20	10	4.0	2.0	5.0	10	8.0	1.5	1.5	2.0

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1946 - 2009, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	12.5	16.0	18.2	20.5	21.7	26.6	26.7	23.1	16.8	12.5	14.3	11.3
Max	47.2	48.2	46.1	44.9	62.6	56.4	50.4	55.8	40.5	38.3	62.3	36.7
(WY)	(1959)	(1973)	(1973)	(1979)	(1949)	(1968)	(1970)	(1953)	(1984)	(1959)	(1967)	(1958)
Min	0.37	0.26	1.55	7.29	5.46	7.22	5.30	0.66	0.85	0.00	0.65	0.75
(WY)	(2009)	(2009)	(1947)	(1966)	(1947)	(1966)	(1947)	(1955)	(1954)	(1981)	(1954)	(1981)

01410500 ABSECON CREEK AT ABSECON, NJ—Continued**SUMMARY STATISTICS**

	Water Year 2009		Water Years 1946 - 2009	
Annual total	4,396.4			
Annual mean	12.0		18.5	
Highest annual mean			35.6	1973
Lowest annual mean			6.22	1947
Highest daily mean	95	Dec 12	265	Feb 26, 1979
Lowest daily mean	0.10	Nov 28-30	0.00	Many days
Annual seven-day minimum	0.16	Nov 24	0.00	Many days
Maximum peak stage	^a 5.35	Sep 11	^a 7.77	Mar 29, 1984
10 percent exceeds	24		38	
50 percent exceeds	11		14	
90 percent exceeds	0.30		2.9	

^a Affected by backwater from tide.

