

DARBY CREEK BASIN

01475530 COBBS CREEK AT U.S. HIGHWAY NO. 1 AT PHILADELPHIA, PA--Continued

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 750 ft³/s (revised) and maximum (*)

Date	Time	Discharge ft ³ /s	Gage Height (ft)	Date	Time	Discharge ft ³ /s	Gage Height (ft)
Apr. 2	1715	*1,870	*8.61	July 16	1745	839	6.72
July 15	1745	798	6.62				

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.6	4.2	33	4.4	4.4	10	7.6	10	4.6	4.5	3.0	3.5
2	5.1	4.2	6.3	4.3	4.3	8.3	241	6.9	4.5	3.7	2.9	3.2
3	4.7	4.2	5.6	4.6	4.4	7.6	26	6.5	22	3.5	2.7	3.2
4	4.5	41	5.3	4.9	4.8	7.6	11	6.2	8.1	3.5	2.8	3.8
5	4.3	7.2	5.0	15	5.2	7.6	9.6	6.1	5.2	6.1	e2.7	2.9
6	4.1	5.0	4.8	12	5.3	7.8	8.9	6.1	28	5.3	e2.7	3.0
7	4.1	4.5	18	5.5	5.2	9.7	8.5	6.1	7.7	3.5	e2.7	3.1
8	3.9	4.2	7.4	14	5.5	17	20	5.9	5.0	53	e3.0	3.0
9	3.9	4.2	15	5.4	6.0	8.8	8.4	5.8	4.7	4.7	3.5	3.1
10	4.0	4.1	20	4.8	8.0	8.3	7.9	5.8	4.7	4.0	2.9	3.0
11	4.0	4.1	8.2	8.8	5.2	8.3	7.6	5.8	4.6	3.8	2.7	2.9
12	4.0	26	6.1	7.7	4.9	9.0	7.4	5.6	4.4	3.5	2.6	3.5
13	3.9	15	5.6	4.9	4.7	7.7	7.2	5.5	4.2	3.6	2.5	3.2
14	26	5.3	5.3	93	43	7.6	7.1	5.5	4.1	3.6	2.5	3.9
15	5.9	4.9	5.1	7.3	16	7.5	6.9	5.4	4.0	54	37	9.3
16	5.0	4.7	5.1	5.9	13	7.4	6.9	5.3	4.7	48	8.9	3.6
17	4.4	4.5	5.0	5.4	8.7	7.3	7.0	5.3	4.2	23	6.0	7.5
18	4.5	4.4	4.9	5.1	7.9	7.3	6.8	5.1	4.1	5.7	3.7	4.6
19	22	4.4	5.3	5.0	7.6	7.3	6.8	5.1	4.2	4.0	4.7	3.3
20	4.9	5.1	4.7	5.0	7.5	9.1	6.8	17	4.2	3.8	3.8	3.2
21	6.8	5.2	4.6	4.7	11	7.6	6.6	5.9	4.1	3.4	3.5	3.1
22	5.0	4.1	4.6	4.6	11	7.2	6.7	5.6	4.2	3.3	3.3	2.9
23	4.4	4.1	26	5.1	8.5	35	17	5.3	4.0	3.2	3.3	3.0
24	4.4	5.9	5.9	4.7	8.2	11	9.0	5.2	3.9	3.0	3.2	3.1
25	4.2	6.4	4.8	4.6	9.1	7.8	6.7	5.3	3.8	3.3	3.1	3.1
26	4.3	4.1	4.6	4.6	8.3	7.4	6.6	5.6	3.8	3.0	3.2	5.6
27	4.3	4.1	4.5	4.3	7.8	7.4	9.6	5.0	8.8	3.0	8.9	4.2
28	4.3	97	4.4	4.3	8.4	79	6.6	5.9	5.4	3.5	7.0	3.0
29	4.6	6.4	4.5	4.4	---	12	6.4	5.0	4.1	2.9	3.5	3.5
30	18	5.3	4.4	4.5	---	8.4	15	4.8	3.8	2.9	3.4	3.1
31	4.9	---	4.4	4.4	---	7.9	---	4.8	---	3.9	3.5	---
TOTAL	194.0	303.8	248.4	273.2	243.9	361.9	509.6	189.4	183.1	280.2	149.2	111.4
MEAN	6.26	10.1	8.01	8.81	8.71	11.7	17.0	6.11	6.10	9.04	4.81	3.71
MAX	26	97	33	93	43	79	241	17	28	54	37	9.3
MIN	3.9	4.1	4.4	4.3	4.3	7.2	6.4	4.8	3.8	2.9	2.5	2.9
CFM	1.31	2.12	1.68	1.84	1.82	2.44	3.55	1.28	1.28	1.89	1.01	0.78
IN.	1.51	2.36	1.93	2.13	1.90	2.82	3.97	1.47	1.42	2.18	1.16	0.87

STATISTICS OF MONTHLY MEAN DATA FOR PERIOD OF DAILY RECORD, BY WATER YEAR (WY)

MEAN	6.19	6.76	7.62	7.75	7.83	8.96	8.77	7.90	6.70	6.54	6.69	6.52
MAX	13.8	17.1	14.3	18.8	16.4	15.4	17.0	12.1	13.8	16.5	17.7	20.2
(WY)	1980	1973	1974	1979	1979	1980	2005	1978	1975	1975	1974	1971
MIN	2.43	2.13	2.50	2.01	3.36	3.28	4.77	3.89	2.08	3.29	1.93	2.18
(WY)	1965	1966	1966	1981	1969	1981	1969	1965	1966	1966	1966	1970

e Estimated.

DARBY CREEK BASIN

01475530 COBBS CREEK AT U.S. HIGHWAY NO. 1 AT PHILADELPHIA, PA--Continued

SUMMARY STATISTICS	FOR 2005 WATER YEAR		FOR PERIOD OF DAILY RECORD	
ANNUAL TOTAL	3048.1			
ANNUAL MEAN	8.35		7.35	
HIGHEST ANNUAL MEAN			10.7	1973
LOWEST ANNUAL MEAN			4.19	1965
HIGHEST DAILY MEAN	241	Apr 2	310	Aug 23 1974
LOWEST DAILY MEAN	2.5	Aug 13,14	0.90	Sep 10 1966
ANNUAL SEVEN-DAY MINIMUM	2.8	Aug 1	1.1	Sep 7 1966
MAXIMUM PEAK FLOW	a1870	Apr 2	a3480	Aug 23 1974
MAXIMUM PEAK STAGE	8.61	Apr 2	10.48	Aug 23 1974
INSTANTANEOUS LOW FLOW	2.1	Aug 14	0.30	Oct 13 1965 ^b
ANNUAL RUNOFF (CFSM)	1.75		1.54	
ANNUAL RUNOFF (INCHES)	23.72		20.89	
10 PERCENT EXCEEDS	11		12	
50 PERCENT EXCEEDS	5.0		4.4	
90 PERCENT EXCEEDS	3.2		2.2	

a From rating curve extended above 124 ft³/s.
 b Also Nov. 24, 25, 1965.

