



2005 Water Year
SAWMILL RUN BASIN

03085213 Sawmill Run at Duquesne Heights nr Pittsburgh, PA

Latitude: 40° 25 ' 58"

Longitude: 080° 01 ' 47"

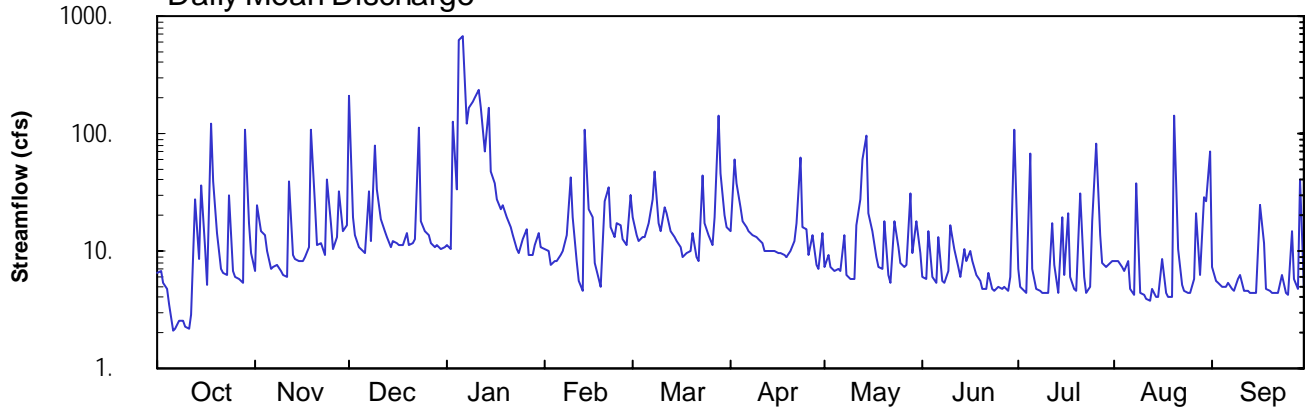
Hydrologic Unit Code: 05030101

Allegheny County

Datum: 860 feet

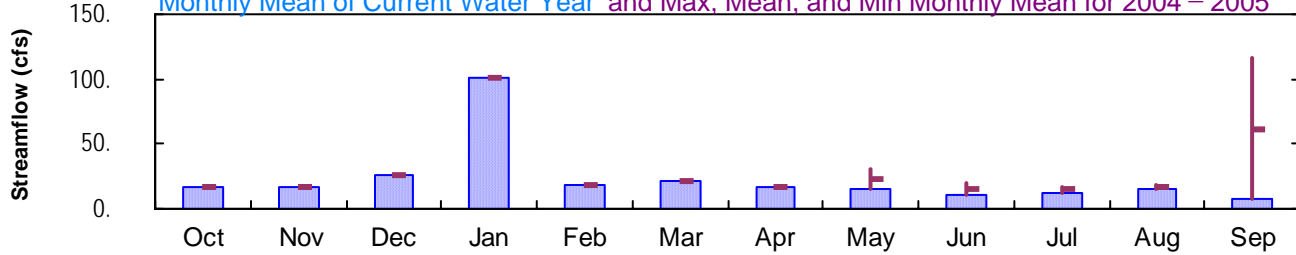
Drainage Area: 18.1 mi²

Daily Mean Discharge



Monthly Statistics

Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 2004 – 2005



NO PHOTOS AVAILABLE FOR THIS SITE

SAWMILL RUN BASIN

03085213 SAWMILL RUN AT DUQUESNE HEIGHTS NEAR PITTSBURGH, PA
(Fecal-Indicator Bacteria Project)

LOCATION.--Lat 40°25'58", long 80°01'47", Allegheny County, Hydrologic Unit 05030101, on right bank 30 ft upstream of single-span concrete bridge on east side of Minnotte Street, 0.3 mi south of intersection with Green Tree Road, 1.2 mi northeast of intersection with Interstate 279, and 0.9 mi upstream from mouth at Ohio River.

DRAINAGE AREA.--18.1 mi².

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

GAGE.--Non-recording gage Dec. 8, 2003 to Apr. 30, 2004. Water-stage recorder May 2004 to current year. Datum of gage is 790 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Records fair except those for estimated daily discharges, which are poor. Several measurements of water temperature were made during the year. Satellite telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	13	17	7.1	11	7.4
2	---	---	---	---	---	---	---	16	16	8.8	11	7.0
3	---	---	---	---	---	---	---	12	20	8.2	9.9	7.3
4	---	---	---	---	---	---	---	11	11	7.8	23	11
5	---	---	---	---	---	---	---	11	24	8.7	17	7.3
6	---	---	---	---	---	---	---	11	13	6.6	9.5	7.0
7	---	---	---	---	---	---	---	30	e12	9.1	9.5	48
8	---	---	---	---	---	---	---	11	e11	7.6	8.7	573
9	---	---	---	---	---	---	---	9.7	e12	7.5	6.4	166
10	---	---	---	---	---	---	---	9.1	e13	6.3	6.3	20
11	---	---	---	---	---	---	---	8.7	70	7.3	7.7	16
12	---	---	---	---	---	---	---	8.5	15	20	13	12
13	---	---	---	---	---	---	---	9.5	12	20	9.0	10
14	---	---	---	---	---	---	---	12	87	13	8.7	9.5
15	---	---	---	---	---	---	---	15	43	7.5	7.3	8.8
16	---	---	---	---	---	---	---	9.8	20	6.9	8.3	9.3
17	---	---	---	---	---	---	---	8.7	26	9.7	7.6	1740
18	---	---	---	---	---	---	---	113	23	15	10	532
19	---	---	---	---	---	---	---	102	14	8.4	93	99
20	---	---	---	---	---	---	---	18	13	5.8	82	48
21	---	---	---	---	---	---	---	210	12	e4.2	53	24
22	---	---	---	---	---	---	---	103	43	e6.7	10	20
23	---	---	---	---	---	---	---	24	11	8.7	8.5	17
24	---	---	---	---	---	---	---	17	11	5.8	7.8	14
25	---	---	---	---	---	---	---	16	11	6.9	7.5	13
26	---	---	---	---	---	---	---	36	9.8	198	23	11
27	---	---	---	---	---	---	---	17	9.0	27	15	9.4
28	---	---	---	---	---	---	---	38	18	13	17	9.6
29	---	---	---	---	---	---	---	14	11	11	24	7.6
30	---	---	---	---	---	---	---	13	9.4	9.6	17	6.5
31	---	---	---	---	---	---	---	28	---	26	7.8	---
TOTAL	---	---	---	---	---	---	---	955.0	617.2	508.2	549.5	3470.7
MEAN	---	---	---	---	---	---	---	30.8	20.6	16.4	17.7	116
MAX	---	---	---	---	---	---	---	210	87	198	93	1740
MIN	---	---	---	---	---	---	---	8.5	9.0	4.2	6.3	6.5

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

MEAN	---	---	---	---	---	---	---	30.8	20.6	16.4	17.7	116
MAX	---	---	---	---	---	---	---	30.8	20.6	16.4	17.7	116
(WY)	---	---	---	---	---	---	---	2004	2004	2004	2004	2004
MIN	---	---	---	---	---	---	---	30.8	20.6	16.4	17.7	116
(WY)	---	---	---	---	---	---	---	2004	2004	2004	2004	2004

e Estimated.

SAWMILL RUN BASIN

03085213 SAWMILL RUN AT DUQUESNE HEIGHTS NEAR PITTSBURGH, PA--Continued

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	6.4	6.7	211	11	11	20	15	7.4	5.9	7.1	8.2	7.3
2	6.8	25	19	10	9.8	14	60	9.1	5.7	4.9	8.3	5.6
3	5.4	15	14	124	7.7	12	38	7.3	15	4.6	7.4	5.3
4	4.7	14	11	34	8.1	13	23	6.8	6.1	4.5	6.9	5.0
5	3.5	10	9.9	628	8.3	13	18	7.1	5.4	67	8.3	5.0
6	2.1	7.1	9.7	674	9.2	17	16	6.8	13	6.9	4.7	5.4
7	2.2	7.4	32	122	9.9	27	15	13	5.7	4.8	4.3	4.7
8	2.6	7.6	12	169	14	47	14	6.2	5.4	4.7	38	4.6
9	2.5	6.9	79	e187	43	17	13	5.8	6.8	4.5	4.4	5.9
10	2.3	6.3	33	e204	19	15	13	5.8	e17	4.4	4.2	6.2
11	2.2	6.0	19	239	8.1	23	11	16	10	4.4	4.0	4.5
12	2.9	39	e15	165	5.6	21	10	28	7.4	17	3.8	4.5
13	27	9.4	e13	69	4.6	15	10	61	6.0	7.6	4.7	4.5
14	8.5	8.5	e11	168	109	13	10	98	11	4.5	4.0	4.4
15	36	8.3	e12	48	22	12	9.9	21	8.3	19	4.0	4.4
16	10	8.2	12	38	19	11	9.7	15	10	6.2	8.4	25
17	5.2	9.1	11	28	7.8	8.9	9.5	8.8	8.3	21	4.5	12
18	122	11	11	23	5.8	9.4	9.1	7.4	6.3	6.0	4.1	4.7
19	40	108	14	25	4.9	9.8	8.9	7.0	5.6	4.7	4.0	4.6
20	14	26	11	19	27	14	10	18	4.8	4.5	143	4.5
21	7.1	11	12	16	35	8.9	12	6.3	4.8	31	11	4.5
22	6.6	12	13	14	16	8.2	17	5.3	6.4	5.9	5.1	4.3
23	6.3	9.3	113	10	13	44	63	18	4.7	4.5	4.5	6.2
24	30	41	18	9.5	17	17	16	11	4.6	4.9	4.4	4.3
25	6.8	17	15	13	17	14	16	8.0	4.9	18	4.4	4.3
26	6.1	10	14	15	13	11	9.1	7.4	4.8	83	5.7	15
27	5.7	13	12	9.3	11	19	14	7.7	4.9	14	21	5.9
28	5.4	33	11	9.4	30	143	7.7	32	4.6	8.0	6.4	4.7
29	107	15	11	11	---	46	7.1	9.5	6.0	7.4	28	40
30	17	17	11	14	---	20	14	18	108	7.7	27	4.9
31	9.6	---	11	11	---	16	---	9.5	---	8.2	71	---
TOTAL	513.9	517.8	800.6	3117.2	505.8	679.2	499.0	488.2	317.4	400.9	467.7	222.2
MEAN	16.6	17.3	25.8	101	18.1	21.9	16.6	15.7	10.6	12.9	15.1	7.41
MAX	122	108	211	674	109	143	63	98	108	83	143	40
MIN	2.1	6.0	9.7	9.3	4.6	8.2	7.1	5.3	4.6	4.4	3.8	4.3

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

MEAN	16.6	17.3	25.8	101	18.1	21.9	16.6	23.3	15.6	14.7	16.4	61.5
MAX	16.6	17.3	25.8	101	18.1	21.9	16.6	30.8	20.6	16.4	17.7	116
(WY)	2005	2005	2005	2005	2005	2005	2005	2004	2004	2004	2004	2004
MIN	16.6	17.3	25.8	101	18.1	21.9	16.6	15.7	10.6	12.9	15.1	7.41
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005

e Estimated.

SAWMILL RUN BASIN

03085213 SAWMILL RUN AT DUQUESNE HEIGHTS NEAR PITTSBURGH, PA--Continued

SUMMARY STATISTICS	FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	8529.9			
ANNUAL MEAN	23.4		23.4	
HIGHEST ANNUAL MEAN			23.4	2005
LOWEST ANNUAL MEAN			23.4	2005
HIGHEST DAILY MEAN	674	Jan 6	1740	Sep 17 2004
LOWEST DAILY MEAN	2.1	Oct 6	2.1	Oct 6 2004
ANNUAL SEVEN-DAY MINIMUM	2.4	Oct 6	2.4	Oct 6 2004
MAXIMUM PEAK FLOW	1930	Aug 20	a6530	Sep 17 2004
MAXIMUM PEAK STAGE	6.30	Aug 20	11.82	Sep 17 2004
INSTANTANEOUS LOW FLOW	1.2	Aug 23	1.2	Aug 23 2005
10 PERCENT EXCEEDS	39		39	
50 PERCENT EXCEEDS	10		10	
90 PERCENT EXCEEDS	4.5		4.5	

a From rating curve extended above 5,100 ft³/s.

