



2005 Water Year
TURTLE CREEK BASIN
03084698 Turtle Creek at Wilmerding, PA

Latitude: 40° 23 ' 39"

Longitude: 079° 48 ' 22"

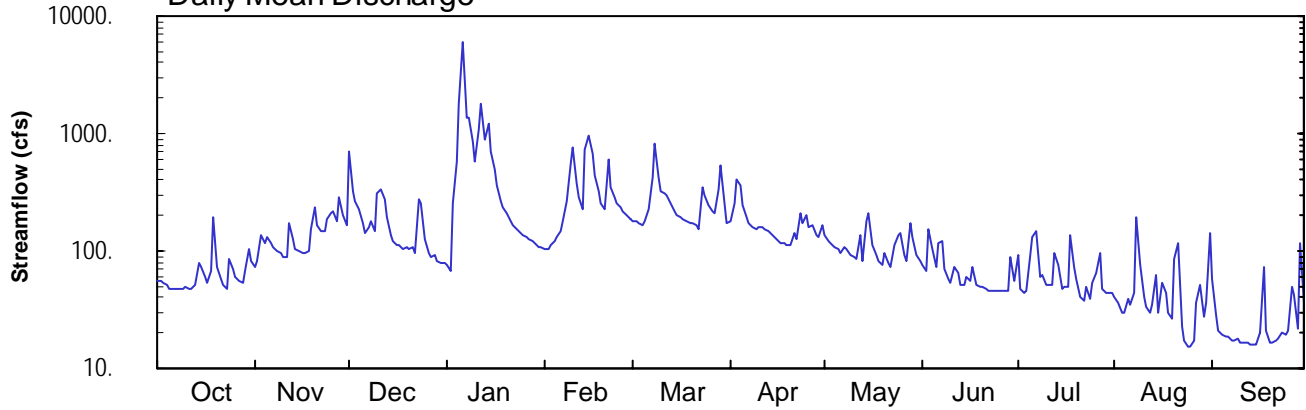
Hydrologic Unit Code: 05020005

Allegheny County

Datum: 750 feet

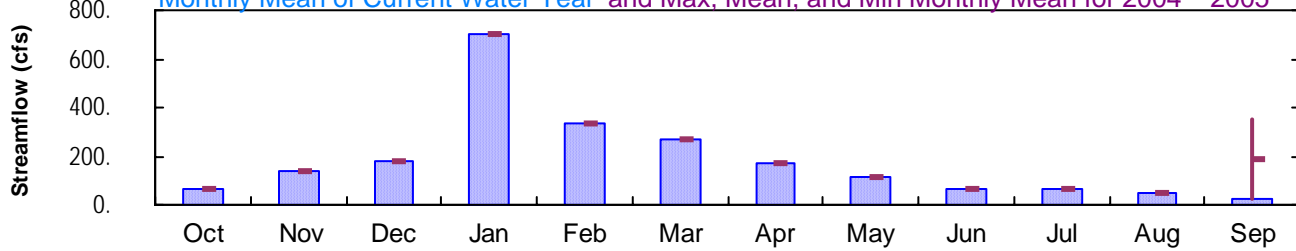
Drainage Area: 123. mi²

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

TURTLE CREEK BASIN

03084698 TURTLE CREEK AT WILMERDING, 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	56	74	713	75	e104	e183	179	138	75	94	41	58
2	55	83	325	69	e105	e178	e260	124	69	48	36	29
3	54	139	e267	251	e111	e172	410	115	152	45	30	21
4	51	116	e226	588	119	e167	366	108	103	46	29	19
5	47	132	e174	1790	131	e177	250	105	73	91	39	18
6	47	115	e142	6050	148	225	194	97	117	130	35	18
7	47	107	e160	1350	182	425	172	107	122	145	44	17
8	47	101	e177	1350	270	817	160	105	70	59	192	17
9	47	94	146	863	562	428	155	91	58	64	75	18
10	49	91	304	590	773	323	158	88	54	52	40	17
11	47	90	336	1060	373	311	161	87	72	52	34	17
12	47	171	271	1770	285	300	152	137	66	51	30	17
13	51	127	193	890	229	252	147	83	52	97	34	16
14	80	105	134	1230	739	222	139	181	52	75	63	16
15	72	99	121	705	947	204	129	209	60	48	29	16
16	61	96	114	496	669	193	122	114	55	50	54	20
17	54	94	111	369	445	184	119	92	72	50	44	72
18	67	101	106	e270	323	177	117	81	51	135	30	21
19	191	153	108	e239	254	170	113	76	49	73	27	17
20	73	233	105	e212	231	174	113	96	50	57	86	17
21	58	166	109	e181	598	169	140	80	48	40	115	17
22	52	150	95	e168	355	155	128	73	47	38	23	18
23	47	149	278	e156	283	345	209	112	45	49	17	21
24	86	190	260	e147	257	302	172	137	45	40	15	20
25	70	211	128	e137	236	242	201	140	45	53	16	21
26	61	220	97	e131	214	222	161	93	45	65	17	50
27	56	178	89	e125	199	210	165	83	45	95	37	43
28	54	285	91	e120	e190	e340	139	174	46	48	51	21
29	67	204	82	e116	---	e537	131	129	88	43	27	116
30	103	165	79	e110	---	e257	166	93	55	43	36	37
31	81	---	80	e107	---	e176	---	83	---	45	143	---
TOTAL	1978	4239	5621	21715	9332	8237	5228	3431	1981	2021	1489	825
MEAN	63.8	141	181	700	333	266	174	111	66.0	65.2	48.0	27.5
MAX	191	285	713	6050	947	817	410	209	152	145	192	116
MIN	47	74	79	69	104	155	113	73	45	38	15	16
CFSM	0.52	1.15	1.47	5.69	2.71	2.16	1.42	0.90	0.54	0.53	0.39	0.22
IN.	0.60	1.28	1.70	6.57	2.82	2.49	1.58	1.04	0.60	0.61	0.45	0.25

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

MEAN	63.8	141	181	700	333	266	174	111	66.0	65.2	48.0	188
MAX	63.8	141	181	700	333	266	174	111	66.0	65.2	48.0	349
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2004
MIN	63.8	141	181	700	333	266	174	111	66.0	65.2	48.0	27.5
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005

e Estimated.

TURTLE CREEK BASIN

03084698 TURTLE CREEK AT WILMERDING, PA--Continued

SUMMARY STATISTICS	FOR 2005 WATER YEAR			WATER YEARS 2004 - 2005		
ANNUAL TOTAL	66097			181		
ANNUAL MEAN	181			181		
HIGHEST ANNUAL MEAN				2005		
LOWEST ANNUAL MEAN				2005		
HIGHEST DAILY MEAN	6050	Jan 6		6050	Jan 6	2005
LOWEST DAILY MEAN	15	Aug 24		15	Aug 24	2005
ANNUAL SEVEN-DAY MINIMUM	17	Sep 9		17	Sep 9	2005
MAXIMUM PEAK FLOW	8430	Jan 6		a9760	Sep 17	2004
MAXIMUM PEAK STAGE	9.39	Jan 6		10.44	Sep 17	2004
INSTANTANEOUS LOW FLOW	13	Aug 24 ^b		13	Aug 24	2005 ^b
ANNUAL RUNOFF (CFSM)	1.47			1.47		
ANNUAL RUNOFF (INCHES)	19.99			20.00		
10 PERCENT EXCEEDS	316			316		
50 PERCENT EXCEEDS	106			106		
90 PERCENT EXCEEDS	32			32		

a From rating curve extended above 8,600 ft³/s.
b Also Aug. 25, Sept. 13.

