



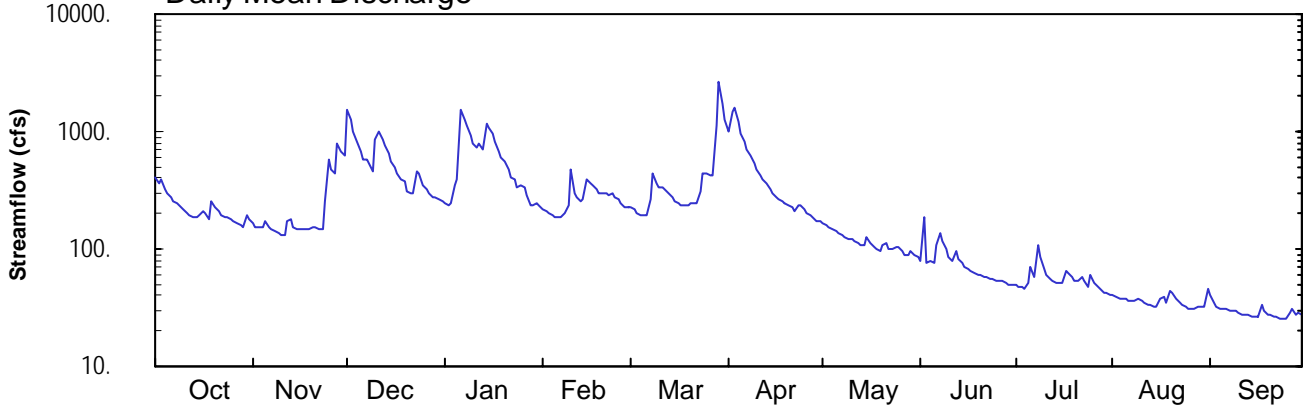
2005 Water Year  
JUNIATA RIVER BASIN  
01565000 Kishacoquillas Creek at Reedsville, PA

Latitude: 40° 39 ' 17"  
Mifflin County

Longitude: 077° 35 ' 00"  
Datum: 551.23 feet

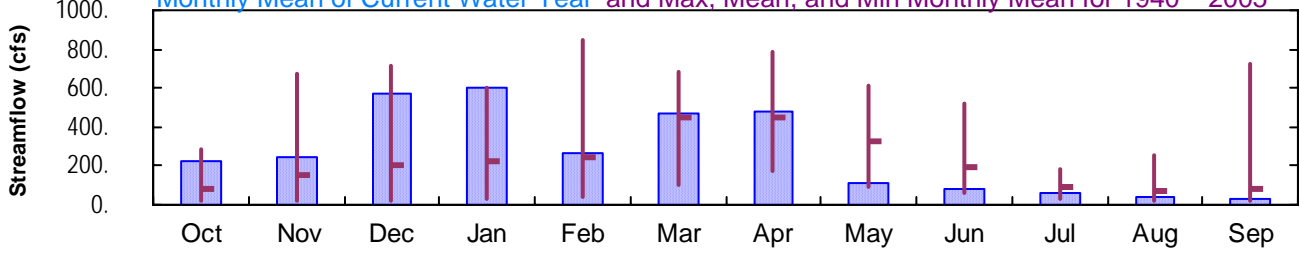
Hydrologic Unit Code: 02050304  
Drainage Area: 164. mi<sup>2</sup>

### Daily Mean Discharge

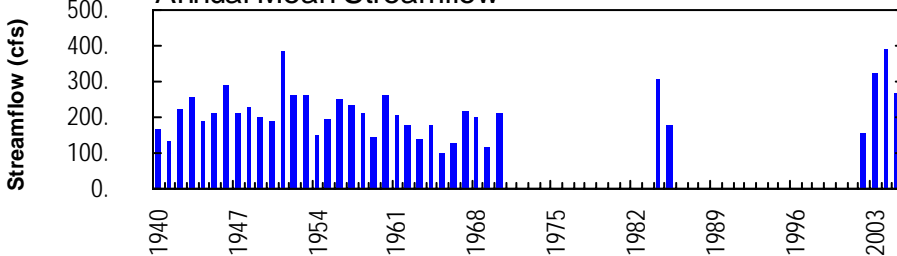


### Monthly Statistics

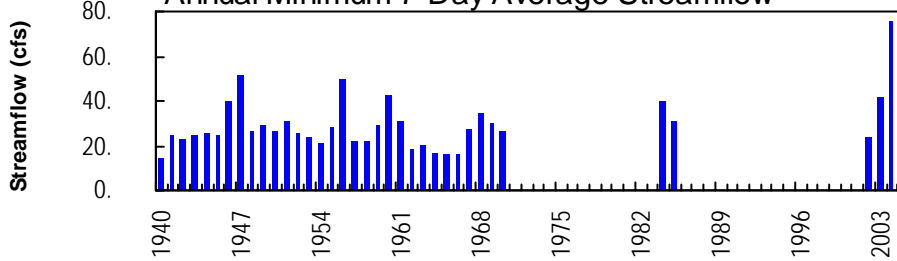
Monthly Mean of Current Water Year and Max, Mean, and Min Monthly Mean for 1940 – 2005



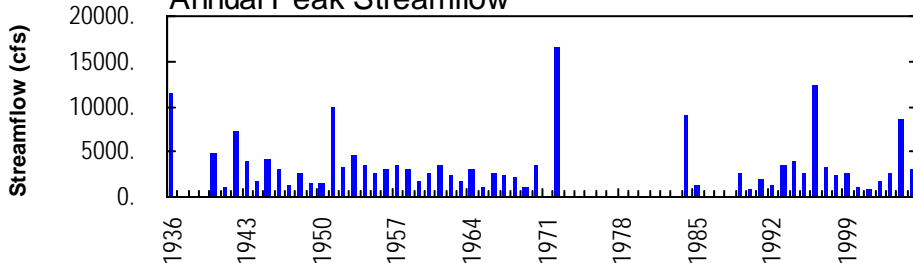
### Annual Mean Streamflow



### Annual Minimum 7-Day Average Streamflow



### Annual Peak Streamflow



## JUNIATA RIVER BASIN

## 01565000 KISHACOQUILLAS CREEK AT REEDSVILLE, PA

**LOCATION.**--Lat 40°39'17", long 77°35'00", Mifflin County, Hydrologic Unit 02050304, on left bank 150 ft downstream from bridge on old U.S. Highway 322, 1.0 mi southeast of Reedsville, and 1.0 mi downstream from Honey Creek.

**DRAINAGE AREA.**--164 mi<sup>2</sup>.

**PERIOD OF RECORD.**--October 2001 to current year. October 1939 to September 1970, monthly discharge only for October, November 1939, published in WSP 1302; October 1983 to September 1985; October 1988 to September 2001, crest-stage partial-record station.

**GAGE.**--Water-stage recorder. Datum of gage is 551.23 ft above National Geodetic Vertical Datum of 1929.

**REMARKS.**--No estimated daily discharges. Records fair. Satellite and landline telemetry at station.

**EXTREMES OUTSIDE PERIOD OF RECORD.**--Flood in March 1936 reached a stage about 14.1 ft, discharge about 11,500 ft<sup>3</sup>/s. Flood of June 23, 1972 reached a stage of 16.17 ft from floodmarks, discharge 16,400 ft<sup>3</sup>/s from rating curve extended above 10,000 ft<sup>3</sup>/s.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges greater than a base discharge of 1,100 ft<sup>3</sup>/s and maximum (\*):

Date	Time	Discharge ft <sup>3</sup> /s	Gage Height (ft)	Date	Time	Discharge ft <sup>3</sup> /s	Gage Height (ft)
Dec. 1	1145	2,330	7.14	Mar. 29	0300	*3,070	*7.75
Dec. 10	2145	1,220	5.80	Apr. 2	1800	2,440	7.23
Jan. 6	1600	1,960	6.75	June 2	0945	1,130	5.66
Jan. 14	1030	1,460	6.14				

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	401	164	1560	249	218	230	996	169	80	49	40	41
2	369	156	1270	233	206	214	1490	157	185	48	40	36
3	384	152	1010	243	200	201	1570	151	76	47	38	33
4	323	152	815	346	195	195	1210	146	80	46	38	32
5	297	169	680	394	190	191	969	140	77	51	37	31
6	275	155	588	1530	185	196	811	134	109	71	37	30
7	256	148	580	1270	184	266	703	132	134	58	36	30
8	242	142	529	1120	201	436	617	129	115	110	37	30
9	228	137	459	932	236	359	534	124	99	86	37	29
10	218	132	851	806	468	342	473	121	87	69	36	29
11	206	131	997	734	298	334	424	119	80	61	34	28
12	195	175	863	781	275	317	385	114	96	56	34	28
13	187	181	756	718	259	297	356	109	81	53	33	27
14	184	156	647	1170	263	273	328	109	77	51	32	27
15	192	150	556	1100	390	256	304	124	71	52	32	26
16	206	147	493	980	368	245	281	111	68	51	38	27
17	202	147	447	834	351	239	265	104	65	66	39	33
18	176	147	400	688	322	236	252	100	64	62	35	29
19	253	145	371	611	297	235	242	96	61	58	43	28
20	224	152	312	553	298	241	233	109	60	54	42	27
21	206	155	303	482	301	247	225	111	58	54	37	27
22	197	146	293	402	290	243	211	100	57	58	34	26
23	189	150	464	389	294	316	237	100	56	53	33	26
24	184	257	433	334	277	433	239	103	55	48	32	26
25	179	572	343	345	261	438	215	103	54	60	32	26
26	172	468	319	330	246	422	201	95	53	52	32	28
27	166	432	303	284	231	420	193	87	53	48	32	31
28	159	790	275	237	231	1130	177	89	51	45	32	28
29	155	689	277	239	---	2660	170	96	50	43	32	28
30	195	634	263	248	---	1760	170	88	49	42	32	28
31	179	---	254	232	---	1280	---	84	---	41	46	---
TOTAL	6999	7331	17711	18814	7535	14652	14481	3554	2301	1743	1112	875
MEAN	226	244	571	607	269	473	483	115	76.7	56.2	35.9	29.2
MAX	401	790	1560	1530	468	2660	1570	169	185	110	46	41
MIN	155	131	254	232	184	191	170	84	49	41	32	26
CFSM	1.38	1.49	3.48	3.70	1.64	2.88	2.94	0.70	0.47	0.34	0.22	0.18
IN.	1.59	1.66	4.02	4.27	1.71	3.32	3.28	0.81	0.52	0.40	0.25	0.20

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

	84.9	154	209	221	249	444	446	325	195	87.7	74.2	82.2
MEAN	84.9	154	209	221	249	444	446	325	195	87.7	74.2	82.2
MAX	285	678	719	607	849	680	782	616	516	182	256	720
(WY)	2004	1951	1951	2005	1984	1945	1970	1942	1946	1967	2004	2004
MIN	19.2	18.8	22.1	27.7	45.0	105	174	90.3	57.1	27.2	22.1	17.4
(WY)	1965	1965	1940	1940	1940	1969	1966	1941	1965	1965	1966	1965

e Estimated.

## JUNIATA RIVER BASIN

## 01565000 KISHACOQUILLAS CREEK AT REEDSVILLE, PA--Continued

SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		FOR PERIOD OF DAILY RECORD	
ANNUAL TOTAL	131214		97108			
ANNUAL MEAN	359		266		214	
HIGHEST ANNUAL MEAN					389	2004
LOWEST ANNUAL MEAN					99.3	1965
HIGHEST DAILY MEAN	6150	Sep 18	2660	Mar 29	6150	Sep 18 2004
LOWEST DAILY MEAN	68	Jul 11	26	Sep 15 <sup>a</sup>	14	Jan 9 1940 <sup>b</sup>
ANNUAL SEVEN-DAY MINIMUM	76	Jul 1	27	Sep 19	14	Jan 6 1940
MAXIMUM PEAK FLOW			3070	Mar 29	c12400	Jan 19 1996
MAXIMUM PEAK STAGE			7.75	Mar 29	14.20	Jan 19 1996
ANNUAL RUNOFF (CFSM)	2.19		1.62		1.31	
ANNUAL RUNOFF (INCHES)	29.76		22.03		17.74	
10 PERCENT EXCEEDS	711		639		489	
50 PERCENT EXCEEDS	242		179		125	
90 PERCENT EXCEEDS	103		33		31	

<sup>a</sup> Also Sept. 22-25.

<sup>b</sup> Also Jan. 12, 1940, Sept. 2, 3, 1966.

<sup>c</sup> From rating curve extended above 4,400 ft<sup>3</sup>/s on basis of slope-area measurement at gage height 13.12 ft.

