

STATION (Climatological) **MURRYSVILLE 2 SW** (River Station, if different) MONTH **Aug 2019**

STATE **PA** COUNTY **WESTMORELAND** RIVER

TIME (local) OF OBSERVATION RIVER TEMPERATURE **07:00** PRECIPITATION **07:00** STANDARD TIME IN USE

TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE

WS FORM B-91 (03-09) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE			PRECIPITATION			WEATHER (Observation Day)						RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)		
	24 HRS ENDING AT OBSERVATION		AT OBSN	24 HR AMOUNTS		AT OB	Mark 'X' for all types occurring each day						Condition	Gage reading at ___ AM	Tendency			
	MAX	MIN		Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins. and hundredths)		Draw a straight line (---) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved											
						A.M.		NOON		P.M.		Fog	Ice pellets	Glaze	Thunder		Hail	Damaging winds
1	87	68	68	1.40	0.0	0												Rain pH = 7.22
2	86	67	68	0.00	0.0	0												
3	87	66	66	0.92	0.0	0	~	~	~									Rain pH = 6.56
4	84	66	72	0.00	0.0	0												
5	86	66	67	0.00	0.0	0												
6	86	66	67	0.00	0.0	0												
7	90	67	70	0.21	0.0	0	~	~	~									Rain pH = 6.22
8	86	68	68	0.05	0.0	0												Rain pH = 7.10
9	86	67	67	0.01	0.0	0												Rain
10	84	59	61	0.00	0.0	0												
11	81	57	58	0.00	0.0	0												
12	81	58	62	0.00	0.0	0												
13	86	61	70	0.00	0.0	0												
14	75	69	69	0.70	0.0	0												Rain pH = 6.92
15	86	67	68	0.01	0.0	0	~	~										Rain
16	85	66	66	0.31	0.0	0												Rain pH = 7.40
17	85	66	67	0.00	0.0	0												
18	88	66	70	0.08	0.0	0	~	~	~									Rain pH = 6.76
19	87	70	70	0.03	0.0	0	~	~	~									Rain
20	89	70	70	0.00	0.0	0												
21	89	70	72	0.23	0.0	0	~		~	~								Rain pH = 6.49
22	86	69	69	0.00	0.0	0												
23	86	66	66	0.71	0.0	0												Rain pH = 7.21
24	86	58	59	0.00	0.0	0												
25	76	55	55	0.00	0.0	0												
26	77	54	56	0.00	0.0	0												
27	77	56	66	0.38	0.0	0			~	~	~							Rain pH = 7.32
28	76	66	71	0.68	0.0	0	~	~	~	~	~							Rain pH = 7.13
29	78	56	58	0.07	0.0	0												Rain pH = 7.24
30	79	58	62	0.00	0.0	0												
31	83	62	67	0.00	0.0	0												

<p>83.8 63.9 SUM 5.79</p>	<p>⊗</p>	<p>CHECK BAR (for wire weight) NORMAL CHECK BAR</p>	<p>⊗ ⊗ ⊗ ⊗ ⊗</p>	<p>Observer: Closed by Kevin Kaplan (MURRYSVILLE) on 04 Sep 2019 06:56AM</p> <p>Supervising Office: PBZ Pittsburgh</p>	<p>Station Index No.: 36-6111-09</p>
<p>CONDITION OF RIVER AT GAGE</p> <p>A. Obstructed by rough ice B. Frozen, but open at gage C. Upper surface smooth ice D. Ice gorge above gage</p>		<p>READING DATE</p>		<p>Observer: Closed by Kevin Kaplan (MURRYSVILLE) on 04 Sep 2019 06:56AM</p> <p>Supervising Office: PBZ Pittsburgh</p> <p>Station Index No.: 36-6111-09</p>	

- A. Obstructed by rough ice
- B. Frozen, but open at gage
- C. Upper surface smooth ice
- D. Ice gorge above gage
- E. Ice gorge below gage
- F. Shore ice
- G. Floating ice
- H. Pool stage

FTMSA PRECIPITATION AND PH HISTORY - August 31, 2019

	TOTAL	TOTAL	MAX-MO.	MAX-MO.	MAX-DAY	MAX-DAY	AVG.	AVG.	DAILY	DAILY
	RAIN	SNOW	RAIN	SNOW	RAIN	SNOW	PH	TEMP.	MAX	MIN
1978	47.22	52.32	6.15	30.50	2.28	8.50			97	-12
1979	47.32	42.05	6.90	20.75	1.75	9.50		50	93	-18
1980	43.84	31.75	6.61	9.35	2.46	6.00		49	103	-6
1981	46.04	41.75	6.70	13.65	2.30	4.50	4.01	49	93	-15
1982	34.22	34.25	4.29	11.95	1.50	6.50	3.92	51	92	-20
1983	42.27	17.76	5.46	7.65	1.70	5.00	4.82	50	95	-10
1984	47.00	24.42	8.74	8.85	2.24	3.70	6.36	50	92	-15
1985	50.26	40.80	13.86	17.50	3.45	6.00	6.31	49	92	-18
1986	43.87	22.10	6.87	13.50	2.35	6.00	6.66	50	95	-2
1987	45.02	28.25	6.14	9.00	2.40	5.50	6.68	51	96	-5
1988	31.36	20.15	4.45	7.05	2.30	2.50	5.34	50	100	-6
1989	46.99	27.30	6.67	13.25	1.60	7.00	4.94	50	95	-28
1990	48.55	23.25	7.55	12.20	2.69	6.00	4.65	58	95	-10
1991	35.14	8.50	4.72	5.00	2.54	2.50	6.23	53	96	3
1992	41.54	39.37	11.59	15.37	2.75	8.75	6.45	51	93	-6
1993	38.41	31.95	5.36	15.50	1.72	11.40	6.21	51	101	-6
1994	50.21	54.70	10.17	37.70	2.31	17.00	5.20	50	96	-24
1995	37.96	35.70	4.89	11.80	2.26	7.00	4.88	51	100	-6
1996	54.06	36.90	8.79	17.30	2.66	8.60	5.09	50	94	-11
1997	43.91	21.20	7.23	9.40	3.76	3.00	5.48	50	94	-6
1998	37.55	5.10	6.01	2.60	1.96	1.80	5.20	53	93	4
1999	44.90	28.30	6.42	12.10	2.87	6.30	5.56	53	99	-3
2000	43.36	20.60	6.46	7.40	3.19	2.00	4.97	52	96	-3
2001	37.57	16.10	4.74	9.40	1.64	5.00	5.91	53	96	4
2002	44.55	22.90	6.31	8.60	2.10	5.30	6.46	53	96	5
2003	44.82	44.64	6.39	16.10	1.93	9.50	6.31	51	92	-4
2004	46.51	23.80	9.02	16.10	5.73	4.20	6.29	53	92	-4
2005	36.72	35.40	7.92	10.70	2.58	5.20	5.46	53	96	-5
2006	42.98	8.50	5.64	3.70	2.29	1.80	5.45	53	97	-3
2007	49.39	26.10	10.63	12.20	3.22	3.90	5.57	52	96	-8
2008	46.57	21.00	6.31	13.10	2.00	2.80	6.16	51	95	4
2009	36.85	26.70	5.99	12.40	3.78	3.50	6.62	51	93	-7
2010	39.05	81.10	5.52	51.40	2.27	21.00	6.75	52	97	-5
2011	54.32	30.59	6.53	19.00	1.84	7.40	6.44	53	98	-6
2012	49.43	20.70	9.90	9.30	3.06	3.80	6.47	54	100	0
2013	49.41	33.70	8.65	11.50	2.75	5.80	6.57	51	96	5
2014	40.41	30.10	6.57	14.30	1.43	3.60	6.20	48	92	-12
2015	48.01	23.90	9.03	12.10	2.60	2.90	6.68	48	96	-12
2016	39.81	19.60	6.17	9.60	1.75	5.00	6.46	46	95	-3
2017	47.71	23.10	6.45	9.00	1.88	5.70	6.58	48	97	1
2018	65.23	27.40	11.17	12.10	4.82	4.80	6.68	44	96	-7
2019	36.50	12.90	6.29	5.40	2.72	1.90	6.95	47	95	-1

AVERAGE	44.40		29.36		7.19		13.66		2.51		6.01		5.84		51		96	-7	
HIGHEST	65.23	2018	81.10	2010	13.86	Nov-85	51.40	Feb-10	5.73	09/17/04	21.00	****	6.75	2010	58	1990	103	5	
LOWEST	31.36	1988	5.10	1998	4.29	Jun-82	2.60	Feb-88	1.50	01/22/82	1.80	****	3.92	2014	48	1980	92	-28	