

SWATARA CREEK BASIN

01572950 INDIANTOWN RUN NEAR HARPER TAVERN, PA--Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.1	11	7.8	32	4.7	11	19	11	24	7.5	4.0	4.6
2	1.9	9.1	7.0	47	4.9	17	18	12	20	6.7	3.4	5.2
3	1.8	7.8	6.2	37	4.8	17	17	10	20	6.1	3.3	6.9
4	2.0	7.1	5.6	30	9.4	14	16	8.0	34	5.7	12	7.8
5	2.3	6.4	e5.4	26	6.7	14	16	8.5	28	5.2	9.3	5.9
6	1.9	13	5.2	23	e5.3	19	14	8.9	24	5.9	26	5.2
7	1.9	7.8	e4.6	21	e5.0	17	14	9.9	51	6.7	12	4.8
8	1.8	7.0	e4.4	20	e4.5	17	14	12	42	5.0	8.9	4.6
9	1.8	6.5	e4.3	21	e4.9	18	16	11	34	4.6	8.2	4.7
10	2.8	6.3	e4.2	19	e4.2	17	17	11	27	4.5	7.5	4.4
11	20	6.7	15	17	e3.6	16	33	10	23	4.9	47	4.2
12	14	11	24	16	e3.9	15	35	10	23	4.1	30	4.1
13	6.6	14	22	15	e3.6	19	29	8.8	23	3.8	22	7.9
14	4.9	11	49	14	e3.4	22	25	8.1	18	3.4	16	10
15	4.1	9.1	41	13	e3.6	23	22	7.3	15	3.3	12	9.2
16	15	11	32	12	e3.2	30	20	11	13	3.3	12	15
17	9.9	27	25	e10	e3.5	44	18	10	12	3.1	11	8.7
18	6.4	29	20	e9.5	e4.0	56	16	7.5	18	4.5	8.4	9.4
19	5.3	21	18	e8.5	e4.3	47	15	6.4	13	4.9	7.2	18
20	4.5	17	36	e7.5	e4.0	87	13	8.7	20	3.3	6.6	14
21	4.0	17	24	e6.8	e4.5	90	13	7.9	34	3.2	6.2	11
22	3.5	21	22	e6.0	e4.8	55	13	6.9	31	4.5	5.8	11
23	3.3	18	20	e5.5	19	39	11	6.9	25	12	5.4	90
24	3.1	16	18	e5.0	16	30	9.4	19	21	13	4.9	41
25	3.3	14	18	e5.2	15	26	9.0	17	18	5.9	4.6	27
26	12	13	16	e4.7	14	24	16	29	16	5.0	4.5	19
27	5.7	12	14	e4.1	13	22	13	27	13	4.4	5.0	14
28	5.0	11	13	e3.7	12	19	12	25	12	4.1	4.5	12
29	5.5	9.7	12	e3.8	---	20	12	21	10	3.7	4.2	9.3
30	16	9.0	12	e4.0	---	21	11	18	8.5	3.4	4.9	8.0
31	16	---	12	4.2	---	20	---	21	---	3.3	4.5	---
TOTAL	188.4	379.5	517.7	451.5	189.8	886	506.4	388.8	670.5	159.0	321.3	396.9
MEAN	6.08	12.7	16.7	14.6	6.78	28.6	16.9	12.5	22.4	5.13	10.4	13.2
MAX	20	29	49	47	19	90	35	29	51	13	47	90
MIN	1.8	6.3	4.2	3.7	3.2	11	9.0	6.4	8.5	3.1	3.3	4.1
CFSM	1.11	2.31	3.05	2.66	1.24	5.22	3.08	2.29	4.08	0.94	1.89	2.41
IN.	1.28	2.58	3.51	3.06	1.29	6.01	3.44	2.64	4.55	1.08	2.18	2.69

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2003, BY WATER YEAR (WY)

MEAN	6.08	12.7	16.7	14.6	6.78	28.6	16.9	12.5	22.4	5.13	10.4	7.58
MAX	6.08	12.7	16.7	14.6	6.78	28.6	16.9	12.5	22.4	5.13	10.4	13.2
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003
MIN	6.08	12.7	16.7	14.6	6.78	28.6	16.9	12.5	22.4	5.13	10.4	1.93
(WY)	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2003	2002

e Estimated.

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SUMMARY STATISTICS	FOR 2003 WATER YEAR		WATER YEARS 2002 - 2003	
ANNUAL TOTAL	5055.8			
ANNUAL MEAN	13.9		13.9	
HIGHEST ANNUAL MEAN			13.9	2003
LOWEST ANNUAL MEAN			13.9	2003
HIGHEST DAILY MEAN	90	Mar 21, Sep 23	90	Mar 21 2003
LOWEST DAILY MEAN	1.8	Oct 3, 8, 9	0.83	Sep 10 2002
ANNUAL SEVEN-DAY MINIMUM	1.9	Oct 3	0.88	Sep 5 2002
MAXIMUM PEAK FLOW	203	Mar 20	203	Mar 20 2003
MAXIMUM PEAK STAGE	3.61	Mar 20	3.61	Mar 20 2003
INSTANTANEOUS LOW FLOW	1.8	Oct 3, 7-10	0.83	Sep 10 2002
ANNUAL RUNOFF (CFSM)	2.53		2.53	
ANNUAL RUNOFF (INCHES)	34.32		34.34	
10 PERCENT EXCEEDS	27		27	
50 PERCENT EXCEEDS	11		11	
90 PERCENT EXCEEDS	4.0		4.0	

