

EXHIBIT 38

EXHIBIT 38

EXHIBIT 38

STATION (Climatological)						(River Station, if different)		MONTH		WS FORM E-15 (7-79)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE																																						
Wellsville								APRIL 2003				RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS																																						
STATE		NY		COUNTY		Allegany		RIVER																																										
TIME (local) OF OBSERVATION				TEMP.		PRECIPITATION		STANDARD TIME IN USE																																										
						0700		E																																										
TYPE OF RIVER GAGE				ELEVATION OF RIVER GAGE ZERO		FLOOD STAGE		NORMAL POOL STAGE																																										
TEMPERATURE F.				PRECIPITATION												WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.,)																										
24 HRS. ENDING AT OBSERVATION				24-HR AMOUNTS			At Ob.		Draw a straight line (—) through hours precipitation was observed, and a wavy line (~) through hours precipitation probably occurred unobserved.												Mark "X" for all types occurring each day.						CONDITION	GAGE HEADING AT A.M.	TENDENCY																					
				Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	Snow, ice pellets, hail, ice on ground (ins.)	A.M.											NOON												P.M.											Fog	Ice Pellets	Glass	Thunder	Hail	Damaging Wind	Time of observation if different from above			
							1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6		7	8				9	10	11																		
DATE	MAX.	MIN.	OBSN.																																															
1				.01	T	T																																												
2				.63	0	0																																												
3				0	0	0																																												
4				0	0	0																																												
5				1.25	0	0																																												
6				0.95	T	T																																												
7				-	-	-																																												
8				0.40	2.0	2																																												
9				0	0	0																																												
10				0	0	0																																												
11				0	0	0																																												
12				0	0	0																																												
13				0	0	0																																												
14				0	0	0																																												
15				0	0	0																																												
16				0	0	0																																												
17				0	0	0																																												
18				T	0	0																																												
19				0	0	0																																												

STATION (Climatological) WELLSVILLE		(River Station, if different)		MONTH MAY 2003	WS FORM E-15 (7-79)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	
STATE NY		COUNTY ALLEGANY		RIVER		RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS		
TIME (local) OF OBSERVATION RIVER		TEMP.		PRECIPITATION 0700				
TYPE OF RIVER GAGE		ELEVATION OF RIVER GAGE ZERO		FLOOD STAGE		NORMAL POOL STAGE		
		Ft.		Ft.		Ft.		

TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)							RIVER STAGE		REMARKS (Special observations, etc.,)																						
24 HRS. ENDING AT OBSERVATION			24-HR AMOUNTS			Mark 'X' for all types occurring each day.							GAGE READING AT	TENDENCY																							
AT			A: Ob.																																		
DATE	MAX.	MIN.	OBVN.	Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and hundredths)	Snow, ice pellets, hail, ice on ground (ins.)	A.M. NOON P.M.																														
							1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	Fog	Ice Pellets	Glass	Thunder	Hail	Damaging Winds	Time of observation if different from above	CONDITION	A.M.
1				—	—	—																															
2				.45	—	—																															
3				.24																																	
4				0																																	
5				0																																	
6				0.10																																	
7				0.10																																	
8				0.15																																	
9				0																																	
10				0																																	
11				0																																	
12				1.26																																	
13				.11																																	
14				.16																																	
15				0																																	
16				.34																																	
17				.13																																	
18				0																																	
19				0																																	
20				0																																	
21				.28																																	
22				0																																	
23				0																																	
24				.22																																	
25				.15																																	
26				.03																																	
27				.01																																	
28				0																																	
29				0																																	
30				0																																	
31				.01																																	
SUM			3.74	CHECK BAR (For wireweight) NORMAL CK. BAR																								SUM									
CONDITION OF RIVER AT GAGE				Greatest		READING		DATE																							OBSERVER		SUPERVISING OFFICE		STATION INDEX NO.		
A. Obstructed by rough ice.				E. Ice gorge below gage.																											Wellsville Water Treatment Plant		BUFFALO		30-9072-1		
B. Frozen, but open at gage.				F. Shore ice.																																	
C. Upper surface of smooth ice.				G. Floating ice.																																	
D. Ice gorge above gage.				H. Pool stage.																																	

JUNE | 2003

(17-79)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATE NEW YORK		COUNTY ALLEGANY		RIVER W. ...	
TIME (local) OF OBSERVATION RIVER		TEMP. 0700		PRECIPITATION E DST	
TYPE OF RIVER GAGE		ELEVATION OF RIVER GAGE ZERO Ft.		FLOOD STAGE Ft.	
				NORMAL POOL STAGE	

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

[illegible]

Wellsville July 2003

STATE NY COUNTY Allegany RIVER

TIME (local) OF OBSERVATION RIVER TEMP. 0800 PRECIPITATION. E DST STANDARD TIME IN USE

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.		AT OBSN.	24-HR. AMOUNTS		At Obs. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	PRECIPITATION																								WEATHER (Calendar Day)					RIVER STAGE		REMARKS (Special observations, etc.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	24 HRS. ENDING AT OBSERVATION			Rain, melted snow, etc. (line, and hundredths)	Snow, ice pellets, hail (line, and tenths)		Snow, ice pellets, hail, ice on ground (line, and tenths)	A.M.												NOON												P.M.												Fog	Ice Pellets	Glaze, s. s.	Thunder	Hail	Dancing Wind	Time of observation if different from above	CONDITION	GAGE READING AT A.M.	TENDENCY																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	MAX.	MIN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
								1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6		7	8	9	10	11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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SUM 9.75

CONDITION OF RIVER AT GAGE

A. Obstructed by rough ice. B. Frozen, but open at gage. C. Upper surface of smooth ice. D. Ice gorge above gage.

E. Ice gorge below gage. F. Shore ice. G. Floating ice. H. Pool stage.

CHECK BAR (For waterweight) NORMAL CK. BAR

READING DATE

OBSERVER Wellsville Water Treatment Plant

SUPERVISING OFFICE Buffalo

STATION INDEX NO. 30-9072-1

STATE WELLSVILLE COUNTY ALLEGANY RIVER AUG 2003
 TIME (local) OF OBSERVATION NY TEMP. 0800 STANDARD TIME IN USE E DST
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL, POOL STAGE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

TEMPERATURE F.			PRECIPITATION		WEATHER (Calendar Day)		RIVER STAGE		REMARKS (Special observations, etc.,)					
24 HRS. ENDING AT OBSERVATION			24-HR AMOUNTS	At Ob.	Mark 'X' for all types occurring each day.		GAGE READING AT	TENDENCY						
DATE	MAX.	MIN.	At Ob.	Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	Fog	Ice Pellets	Glaze	Thunder		Hail	Damaging Winds	Time of observation if different from above	CONDITION	GAGE READING AT
1			1.44											
2			0.02											
3			.53											
4			.28											
5			0											
6			1.27											
7			.28											
8			T											
9			.03											
10			1.26											
11			0.50											
12			0.23											
13			0											
14			0											
15			0											
16			0											
17			.10											
18			0											
19			0											
20			0											
21			0											
22			.03											
23			0											
24			0											
25			0											
26			0											
27			0.60											
28			0											
29			0											
30			.24											
31			0											
SUM			6.31											

CONDITION OF RIVER AT GAGE: Greatest ☒ CHECK BAR (For when gage is NORMAL CK. BAR) ☒

Observed by: Wellsville Water Treatment Plant
 Supervising Office: Buffalo
 Station Index No.: 30-9072-1

[illegible]

[illegible]

[illegible]

STATION (Climatological) WILLSVILLE		(River Station, if different)		MONTH DGC	2003
STATE NY		COUNTY ALLEGANY		RIVER	
TIME (local) OF OBSERVATION RIVER		TEMP 0600	PRECIPITATION 0700	STANDARD TIME IN USE E	
TYPE OF RIVER GAGE		ELEVATION OF RIVER GAGE ZERO Fl.	FLOOD STAGE Fl.	NORMAL POOL STAGE Fl.	

WS FORM B-91
(12/00)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION										WEATHER (Calendar Day)							RIVER STAGE			REMARKS (Special observations, etc.)																												
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS			At Ob. 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	Time of observation if different from above		CONDITION	GAGE READING AT — A.M.	TENDENCY																									
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, (ins. and tenths)	Snow, ice pellets, hail, ice on ground (ins.)		1	2	3	4	5	6	7	8	9												10	11	1	2	3	4	5	6	7	8	9	10	11												
1	43	31	36	.60	0	0																																														
2	43	22	22	.40	6.0	6																																														
3	24	3	11	.05	1.0	4																																														
4	28	4	5	0	0	3																																														
5	35	5	16	0	0	3																																														
6	33	15	18	.06	5	3																																														
7	33	14	15	0	9	3																																														
8	25	1	1	.03	1	3																																														
9	31	1	24	0	0	3																																														
10	37	24	32	0	0	3																																														
11	44	32	42	.87	0	1																																														
12	44	26	28	T	T	T																																														
13	29	17	19	.07	1.0	1																																														
14	24	19	21	.05	.5	2																																														
15	27	21	26	.40	6.0	7																																														
16	30	16	16	T	T	6																																														
17	51	14	34	.05	0	3																																														
18	34	23	25	.28	2.0	5																																														
19	29	20	22	.02	.2	4																																														
20	29	21	22	.08	1.5	5																																														
21	24	18	21	.05	0	5																																														
22	37	18	37	0	0	4																																														
23	44	36	40	0	0	2																																														
24	53	34	41	.06	0	0																																														
25	35	29	29	.54	7	T																																														
26	33	24	28	T	T	T																																														
27	35	27	27	0	0	0																																														
28	40	19	19	0	0	0																																														
29	53	18	25	0	0	0																																														
30	58	24	46	1.0	0	0																																														
31	42	23	24	T	0	0																																														
SUM			SUM	4.61	19.7		CHECK BAR (For wire-weight) NORMAL CK. BAR																																													
CONDITION OF RIVER AT GAGE				READING			DATE			OBSERVER																									SUPERVISING OFFICER			STATION INDEX NO.														
A. Obstructed by rough ice. B. Frozen, but open at gage. C. Upper surface of smooth ice. D. Ice gorge above gage.				E. Ice gorge below gage. F. Shore ice. G. Floating ice. H. Pool stage.						WILLSVILLE WATER TREATMENT PLANT																									NATIONAL WEATHER SERVICE 587 AERO DRIVE BUFFALO, NY 14225			30-9072-1														

[illegible]

STATION (Climatological)										MONTH		WS FORM B-91 (12/00)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE										
Wellsville (River Station, if different)										02		20.04												
STATE NY										COUNTY Allegany		RIVER												
TIME (Local) OF OBSERVATION RIVER										TEMP. 0630		PRECIPITATION 0630		STANDARD TIME IN USE E										
TYPE OF RIVER GAGE										ELEVATION OF RIVER GAGE ZERO		FLOOD STAGE		NORMAL POOL STAGE										
										Fl.		Fl.		Fl.										
DATE	TEMPERATURE F.			PRECIPITATION						WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)						
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS			At Ob. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY									
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, (ins. and tenths)	Snow, ice pellets, hail, ice on ground (ins.)																		
								A.M. NOON P.M.																
1	16	10	16	0.1	1	10.0																		
2	25	-4	-4	0	0	10																		
3	38	-5	28	0	0	7																		
4	32	24	28	0.38	6.5	13																		
5	33	-3	-2	0	0	13																		
6	30	-4	30	0.37	2	12																		
7	38	29	29	0.03	0.0	10																		
8	31	6	7	0.02	1.0	11																		
9	27	-1	15	0	0	11																		
10	37	13	31	0	0	10																		
11	37	19	19	0.11	2.0	11																		
12	37	4	9	0	0	9																		
13	38	7	25	0	0	9																		
14	32	21	21	0	0	8																		
15	32	8.0	8.0	0.01	0	8																		
16	32	-16	-16	0	0	8																		
17	19	-16	-3	0	0	8																		
18	30	-3	0	0	0	8																		
19	34	-2	33	0	0	7																		
20	38	-2	24	1	1	7																		
21	45	25	36	0.07	0	6																		
22	37	26	26	0.02	0.2	7																		
23	33	9	10	0	0	6																		
24	37	10	25	0.04	1.0	7																		
25	31	3	3	0.01	0.5	7																		
26	33	2	11	0	0	7																		
27	37	1	10	0	0	7																		
28	40	8	8	0	0	6																		
29	48	8	16	0	0	6																		
30																								
31																								
976 177			SUM	1.07	13.2		CHECK BAR (For wire weight) NORMAL CK. BAR																	
CONDITION OF RIVER AT GAGE				0.04	0.46	8	READING		DATE		OBSERVER													
A. Obstructed by rough ice.				E. Ice gorge below gage																				
B. Frozen, but open at gage.				F. Shore ice.																				
C. Upper surface of smooth ice.				G. Floating ice.																				
D. Ice gorge above gage.				H. Pool stage.																				
SUPERVISING OFFICE										Wellsville Water Treatment Plant										STATION INDEX NO.				
E. Bufala																				30-9072-1				

[illegible]

WELLSVILLE										APR 2004		WS FORM B-91 (12/00)										U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE									
STATE NY					COUNTY ALEGANY					MULTIPLE RIVER																					
TIME (LOCAL) OF OBSERVATION					TEMP. 0600 PRECIPITATION 0600					STANDARD TIME IN USE E																					
TYPE OF RIVER GAGE					ELEVATION OF RIVER GAGE ZERO					FLOOD STAGE					NORMAL POOL STAGE																
TEMPERATURE F.				PRECIPITATION												WEATHER (Calendar Day)					RIVER STAGE					REMARKS (Special observations, etc.)					
24 HRS. ENDING AT OBSERVATION				24-HR AMOUNTS												Mark 'X' for all types occurring each day.					GAGE READING AT										
				Draw a straight line (—) through hours precipitation was observed; and a wavy line (~~~~) through hours precipitation probably occurred unobserved.																											
DATE	MAX.		MIN.	AT OBSN	Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, (ins. and tenths)	Snow, ice pellets, hail, ice on ground (ins.)	A.M. NOON P.M.												Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	CONDITION	TENDENCY			
								1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7				8	9	10
1	53	40	43	.07																											
2	40	35	37	.84																											
3	42	32	32	.09	T	T	T																								
4	43	27	30		T	T																									
5	34	17	17	.14		1.0																									
6	31	19	19	0	0	0																									
7	47	18	43	0	0	0																									
8	47	29	29	0	0	0																									
9	48	28	35	0	0	0																									
10	50	28	31	0	0	0																									
11	52	27	29	0	0	0																									
12	49	26	28	0	0	0																									
13	48	28	38	.66	0	0																									
14	42	33	33	1.11	0	0																									
15	46	28	34		0	0																									
16	50	24	24	0	0	0																									
17	68	24	42	0	0	0																									
18	74	42	44	-																											
19	80	42	69	-																											
20	79	41	41	.22															X												
21	58	41	53	0															X												
22	75	41	58	.40																											
23	62	44	44	.31																											
24	55	36	36	.41																											
25	57	36	41																												

MAY 20 04

 WS FORM B-91
(12/00)

 U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATE NY		COUNTY ALLEGANY		RIVER	
TIME (local) OF OBSERVATION RIVER		TEMP. 0600	PRECIPITATION 0600	STANDARD TIME IN USE E	
TYPE OF RIVER GAGE		ELEVATION OF RIVER GAGE ZERO Fl.	FLOOD STAGE Fl.	NORMAL POOL STAGE Fl.	

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar 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.							GAGE READING AT	TENDENCY				
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, (ins. and tenths)		Snow, ice pellets, hail, ice on ground (ins.)	Time of observation if different from above											
								A.M.			NOON						P.M.		
1	78	45	59	.02															
2	76	58	62	.02															
3	74	37	37	.42															
4	51	31	31	0															
5	55	31	44	0.05															
6	61	30	30	0.07															
7	76	30	56	0.53															
8	66	39	40	0															
9	65	41	55	2.25															
10	74	41	53	0.93															
11	82	53	57	0.74															
12	82	53	54	0															
13	83	54	58	.01															
14	83	58	58	0															
15	80	58	62	0.14															
16	70	47	48	0.55															
17	65	44	44	0															
18	78	44	61	0.10															
19	76	55	55	0															
20	70	42	42	0															
21	69	42	62	.35															
22	70	57	58	.38															
23	77	59	64	0.84															
24	81	61	61	0.51															
25	79	53	53	.18															
26	72	53	59	0															
27	74	46	47	0															
28	75	47	60	.16															
29	63	35	35	0															
30	61	33	33	0															
31	70	33	57	0															
SUM	2336	1410		8.17															

CONDITION OF RIVER AT GAGE

- A. Obstructed by rough ice.
B. Frozen, but open at gage.
C. Upper surface of smooth ice.
D. Ice gorge above gage.

- E. Ice gorge below gage.
F. Shore ice.
G. Floating ice.
H. Pool stage.

READING

DATE

OBSERVER

SUPERVISING OFFICE

Buffalo

STATION INDEX NO.

30-9072-1

[illegible]

STATION (Climatological) Wellsville		(River Station, if different)		MONTH July	20.04	WS FORM B-91 (12/00) U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	
STATE NY		COUNTY Allegany		RIVER			
TIME (local) OF OBSERVATION RIVER		TEMP. 0600 0600		PRECIPITATION 0600 0600			
TYPE OF RIVER GAGE		ELEVATION OF RIVER GAGE ZERO Fl.		FLOOD STAGE Fl.			
				NORMAL POOL STAGE Fl.		RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS	

DATE	TEMPERATURE F.			24-HRS. ENDING AT OBSERVATION	PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)
	MAX.	MIN.	AT OBSN.		24-HR AMOUNTS		At Ob. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY	
					Rain, melted snow, etc. (hrs. and hundredths)	Snow, ice pellets, hail, (hrs. and tenths)										
1	77	49	52	0.02												
2	80	51	51	0												
3	90	46	46													
4	81	57	58													
5	82	57	67	0.40												
6	82	55	66	0												
7	78	56	58													
8	81	57	60	0.35												
9	78	56	56													
10	69	49	49													
11	78	49	52													
12	82	49	62													
13	75	49	64	.20												
14	83	69	67													
15	68	57	60	1.16												
16	67	59	60	0.06												
17	72	55	55	0.03												
18	77	55	60	0.30												
19	77	59	60	0.16												
20	73	57	57	T												
21	79	57	57	0.03												
22	83	56	63	T												
23	83	51	66	.10												
24	73	51	61	0												
25	69	45	46													
26	75	46	59	0.05												
27	65	59	62	1.23												
28	69	60	61	0.20												
29	71	57	58	0.14												
30	78	68	63	0.00												
31	77	62	71	0.32												
SUM				4.75												

CONDITION OF RIVER AT GAGE		CHECK BAR (For wire-weight) NORMAL CK. BAR		Fog		Ice Pellets		Glaze		Thunder		Hail		Dancing Winds	
A. Obstructed by rough ice. B. Frozen, but open at gage. C. Upper surface of smooth ice. D. Ice gorge above gage.		E. Ice gorge below gage. F. Shore ice. G. Floating ice. H. Pool stage.		READING		DATE									

Wellsville Water Treatment Plant

Supervising Office

Buffalo

STATION INDEX NO. **30-9072-1**

[illegible]

[illegible]

STATION (Climatological) **WELLSVILLE** (River Station, if different)

STATE **NY** COUNTY **ALLEGANY** MONTH **OCT** 20 **04**

TIME (local) OF OBSERVATION RIVER TEMP. **0600** PRECIPITATION **E** STANDARD TIME IN USE

TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO **Fl.** FLOOD STAGE **Fl.** NORMAL POOL STAGE **Fl.**

WS FORM B-91
(12/00)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)										RIVER STAGE			REMARKS (Special observations, etc.)
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS		AI OB. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	Mark "X" for all types occurring each day.										CONDITION	GAGE READING AT A.M.	TENDENCY	
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, (ins. and hundredths)		Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Wind								
1	64	35	35	-																
2	70	35	58	-																
3	70	35	37	0.20																
4	60	34	37	-																
5	64	30	30	-																
6	51	29	29	-																
7	64	28	37	-																
8	74	35	40	-																
9	74	39	54	-																
10	66	38	38	-																
11	67	38	43	-																
12	51	38	38	-																
13	59	30	30	0																
14	63	39	44	0																
15	55	44	51	0.06																
16	56	42	43																	
17	46	38	38	0.38																
18	41	38	40	0.03																
19	48	40	42	0.83																
20	46	42	46	0.06																
21	50	42	46	0.01																
22	50	42	45	0.08																
23	50	32	33	0																
24	51	32	43	0																
25	45	40	45	.17																
26	56	45	48																	
27	59	42	42																	
28	58	33	34																	
29	59	33	41	T																
30	57	41	55	0.44																
31	68	53	54	0.64																
SUM	1792	1152		2.25																

CONDITION OF RIVER AT GAGE

CHECK BAR (For wire-weight) NORMAL CK. BAR

READING DATE

OBSERVER **WELLSVILLE WATER TREATMENT PLANT**

SUPERVISING OFFICE **BUFFALO**

STATION INDEX NO. **30-9072-1**

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

[illegible]

STATION (Climatological) wellsville		(River Station, if different)		MONTH FEB	YEAR 2005	WS FORM B-91 (12-93)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE				
STATE NY		COUNTY allegany		RIVER		RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS						
TIME (local) OF OBSERVATION		TEMPERATURE 0600		PRECIPITATION 0600						STANDARD TIME IN USE E		
TYPE OR RIVER GAGE		ELEVATION OF GAGE ZERO		FLOOD STAGE						NORMAL POOL STAGE		
TEMPERATURE 24 HRS ENDING AT OBSERVATION MAX MIN AT OBSN			PRECIPITATION 24 HR AMOUNTS AT GB Draw a straight line (—) through hours precipitation was observed and a wavy line (~~~~) through hours precipitation probably occurred unobserved A.M. NOON P.M.			WEATHER (Calendar Day) Mark X for all types occurring each day				RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS, ETC.)
						Fog Ice Pellets Glaze Thunder Hail Damaging Winds Total or occurrence if different from above Condition Gage reading at AM Tendency						
1	33	0	1	0.00	0.0	4						
2	37	-2	1	0.00	0.0	4						
3	40	0	28	0.00	0.0	4						
4	32	0	23	0.13	1.5	5						
5	39	8	8	0.00	0.0	5						
6	47	6	13	0.00	0.0	3						
7	53	12	35	0.00	0.0	3						
8	53	30	35	0.02	0.0	3						
9	42	33	33	0.05	0.0	0						
10	37	23	24	0.06	0.5	1						
11	26	13	14	0.01	0.2	1						
12	29	13	26	0.01	0.1	1						
13	34	17	17	T	T	1						
14	33	17	33	0.00	0.0	1						
15	38	32	35	0.18	0.0	T						
16	50	30	33	0.00	0.0	T						
17	34	22	22	T	T	T						
18	34	11	11	0.18	1.0	1						
19	16	3	5	0.02	1.5	3						
20	26	2	15	0.01	0.5	3						
21	30	2	29	0.27	3.0	5						
22	38	22	29	0.00	0.0	4						
23	33	21	21	0.14	2.0	5						
24	27	6	7	0.00	0.0	5						
25	22	7	7	0.10	2.0	6						
26	28	6	10	0.07	0.1	5						
27	30	-1	-1	T	T	5						
28	30	-3	25	0.00	0.0	5						
29												
30												
31												
34.7 11.8 SUM			1.25	12.4	CHECK BAR (for wire weight) NORMAL CHECK BAR							
CONDITION OF RIVER AT GAGE			READING		DATE		OBSERVER Dana Harris					
A. Obstructed by rough ice B. Frozen, but open at gage C. Upper surface smooth ice D. Ice gorge above gage							SUPERVISING OFFICE WFO Buffalo					
E. Ice gorge below gage F. Shove ice G. Floating ice H. Pool stage							STATION INDEX NO. 30-9072-1					

[illegible]

[illegible]

Station Name:WELLSVILLE MUNICIPAL AIRPORT Station Id:GHCND:USW00054757 State: New York County: Allegany County, NY										Record of Climatological Observations These data are quality controlled and may not be identical to the original observations							
P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (°F)		Precipitation(see **)			Evaporation		Soil Temperature (°F)						
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time		At Observation Time	24 Hour Wind Movement (mi)	Amount of Evaporation (in)	4 in depth			8 in depth		
				Max.	Min.		Rain, melted snow, etc. (in)	Snow, ice pellets (in)				Snow, ice pellets, hail, ice on ground (in)	Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.
	2005	7	1	77.0	59.0		T										
	2005	7	2	70.0	50.0		0.00										
	2005	7	3	73.9	44.1		0.00										
	2005	7	4	81.0	64.0		0.00										
	2005	7	5	79.0	64.9		0.22										
	2005	7	6	70.0	57.0		0.21										
	2005	7	7	73.9	53.1		0.00										
	2005	7	8	66.9	55.9		0.54										
	2005	7	9	75.0	54.0		0.01										
	2005	7	10	80.1	54.0		0.00										
	2005	7	11	84.0	55.0		0.00										
	2005	7	12	86.0	63.0		0.00										
	2005	7	13	84.0	64.0		0.40										
	2005	7	14	81.0	63.0		0.00										
	2005	7	15	82.0	64.9		0.00										
	2005	7	16	81.0	68.0		0.08										
	2005	7	17	81.0	70.0		0.18										
	2005	7	18	82.9	69.1		T										
	2005	7	19	84.0	62.1		0.00										
	2005	7	20	81.0	60.1		0.00										
	2005	7	21	82.0	57.0		0.01										
	2005	7	22	77.0	64.0		T										
	2005	7	23	78.1	57.9		0.00										
	2005	7	24	75.9	52.0		0.04										
	2005	7	25	87.1	66.0		0.00										
	2005	7	26	88.0	61.0		0.12										
	2005	7	27	73.0	55.0		0.22										
	2005	7	28	73.9	50.0		0.01										
	2005	7	29	78.1	54.0		0.00										
	2005	7	30	81.0	53.1		0.00										
	2005	7	31	82.9	55.9		0.01										
Summary				79.1	58.7		2.05	0									
The ** flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation																	
Empty, or blank, cells indicate that a data observation was not reported.																	
*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown																	
**The values T in the Precipitation category above indicate a TRACE value was recorded for these elements																	
Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.																	

Station Name:WELLSVILLE MUNICIPAL AIRPORT **Station Id:**GHCND:USW00054757
State: New York **County:** Allegany County, NY

STATION (Climatological) wellsville		(River Station, if different)		MONTH SEP	YEAR 2005	WS FORM B-91 (12-83)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE									
STATE NY		COUNTY allegany		RIVER													
TIME (local) OF OBSERVATION		TEMPERATURE 0600		PRECIPITATION 0600		STANDARD TIME IN USE E											
TYPE OR RIVER GAGE		ELEVATION OF GAGE ZERO		FLOOD STAGE		NORMAL POOL STAGE											
TEMPERATURE		PRECIPITATION		WEATHER (Calendar Day)		RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS, ETC.)									
24 HRS ENDING AT OBSERVATION		24 HR AMOUNTS AT 06		Draw a straight line (—) through hours precipitation was observed and a wavy line (---) through hours precipitation probably occurred unobserved		Mark 'X' for all types occurring each day				Condition							
AT OBSN		Snow, ice pellets, rain, sleet, etc. (in and out)		Snow, ice pellets, rain, sleet, etc. (in and out)		Fog Ice Pellets Glaze Thunder Hail Damaging Winds				Gage reading at AM							
MAX MIN		Snow, ice pellets, rain, sleet, etc. (in and out)		Snow, ice pellets, rain, sleet, etc. (in and out)		1 2 3 4 5 6 7 8 9 10 11 1 2 3 4 5 6 7 8 9 10 11				Tendency							
1	72 57 58	0.80															
2	75 52 54																
3	79 50 51	0.00															
4	73 49 50	0.00															
5	70 46 46	0.00															
6	76 45 45	0.00	0.0	0													
7	78 44 46	0.00															
8	78 45 45	0.00															
9	74 45 57	0.00	0.0	0													
10	75 45 46	0.00															
11	73 42 42	0.00	0.0	0	1 2 3 4 5 6 7 8 9 10 11	1 2 3 4 5 6 7 8 9 10 11											
12	78 41 47	0.00	0.0	0													
13	82 44 53	0.00															
14	82 51 54																
15	82 54 62																
16	80 62 63																
17	75 60 62	0.39															
18	89 55 55	0.00															
19	74 52 52	T	0.0	0													
20	75 50 64	0.15	0.0	0						thunder boomers							
21	76 47 48	0.00	0.0	0	1 2 3 4 5 6 7 8 9 10 11	1 2 3 4 5 6 7 8 9 10 11											
22	77 45 45	0.00	0.0	0													
23	78 45 60	0.05	0.0	0													
24	63 40 41	0.18															
25	69 41 59	0.00															
26	74 59 64	0.05	0.0	0													
27	67 49 49	1.35	0.0	0													
28	64 37 37	0.00	0.0	0													
29	69 36 50																
30	56 35 35	0.86															
31	73.8 47.4	SUM	3.83		CHECK BAR (for wire weight) NORMAL CHECK BAR												
CONDITION OF RIVER AT GAGE		READING		DATE		Fog		Ice Pel		Glaze		Thund		Hail		Dam Winds	
A. Obstructed by rough ice																	
B. Frozen, but open at gage																	
C. Upper surface smooth ice																	
D. Ice gorge shows gage																	
E. Ice gorge below gage																	
F. Shove ice																	
G. Floating ice																	

STATION (Climatological)		(River Station, if different)		MONTH	YEAR	WS FORM B-91 (12-83)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE														
wellsville				OCT	2005	RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS																
STATE NY		COUNTY allegany		RIVER																		
TIME (local) OF OBSERVATION		TEMPERATURE 0600 PRECIPITATION 0600		STANDARD TIME IN USE E																		
TYPE OR RIVER GAGE		ELEVATION OF GAGE ZERO		FLOOD STAGE		NORMAL POOL STAGE																
TEMPERATURE			PRECIPITATION		WEATHER (Calendar Day)						RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS, ETC.)									
24 HRS ENDING AT OBSERVATION			24 HR AMOUNTS AT OBS		Mark X for all types occurring each day						Gage reading at AM											
MAX	MIN	AT OBSN	24 HR AMOUNTS AT OBS	AT OBS	Draw a straight line (—) through hours precipitation was observed and a wavy line (---) through hours precipitation probably occurred unobserved						Tendency											
					A.M. NOON P.M.																	
1	62	35	36	0.00																		
2	73	35	43	0.00																		
3	78	42	47	0.00	0.0	0																
4	79	48	49	0.00	0.0	0																
5	77	48	48	0.00	0.0	0																
6	78	48	50	0.00	0.0	0																
7	74	49	66	0.10	0.0	0																
8	66	44	44	1.80																		
9	45	43	43	0.01	0.0	0																
10	48	43	46	0.00	0.0	0																
11	58	43	51	0.00	0.0	0																
12	56	51	52	T	0.0	0																
13	59	50	50	0.01																		
14	58	50	50	0.01																		
15	60	47	47	0.00	0.0	0																
16	61	46	48	0.01	0.0	0																
17	53	44	45	0.00																		
18	57	42	51	0.02																		
19	60	33	33	0.00	0.0	0																
20	69	33	34	0.00																		
21	53	31	31	0.00	0.0	0																
22	53	30	35	1.19																		
23	44	31	31	1.10	0.0	000																
24	45	31	32	0.00	0.0	0																
25	37	31	36	0.93	0.0	0																
26	40	31	37	0.65	0.0	0																
27	44	30	31	0.04																		
28	39	25	26																			
29	44	26	34	0.00																		
30	49	28	28	0.00																		
31	58	27	28	0.00	0.0	0																
32	57.2	38.5	SUM	5.87			CHECK BAR (for ultra weight) NORMAL CHECK BAR															
CONDITION OF RIVER AT GAGE				READINGS		DATE		OBSERVER Dana Harris														
A. Obstructed by rough ice				E. Ice gorge below gage				SUPERVISING OFFICE WFO Buffalo														
B. Frozen, but open at gage				F. Shore ice				STATION INDEX NO. 30-9072-1														
C. Upper surface smooth ice				G. Floating ice																		
D. Ice gorge above gage				H. Pool stage																		

[illegible]

[illegible]

STATION (Climatological) wellsville		(River Station, if different)		MONTH MAR	YEAR 2006	WS FORM B-91 (12-83)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	
STATE NY		COUNTY allegany		RIVER		RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS			
TIME (local) OF OBSERVATION		TEMPERATURE 0600		PRECIPITATION 0600					
TYPE OR RIVER GAGE		ELEVATION OF GAGE ZERO		FLOOD STAGE		NORMAL POOL STAGE			
TEMPERATURE		PRECIPITATION		WEATHER (Calendar Day)		RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS ETC.)	
24 HRS ENDING AT OBSERVATION		24 HR AMOUNTS AT OB		Mark X for all types occurring each day		Gage reading at AM			
MAX MIN AT OBSN		Rain, melted snow, etc. (in and fractions) Snow, ice pellets (in and fractions) Snow, ice pellets (in and fractions) (in and fractions)		Fog Ice Pellets Glaze Thunder Hail Damaging Winds		Condition			
		Draw a straight line (—) through hours precipitation was observed and a wavy line (---) through hours precipitation probably occurred unobserved							
				A.M. NOON P.M.					
				1 2 3 4 5 6 7 8 9 10 11 1 2 3 4 5 6 7 8 9 10 11					
1	23	7	20	0.00	0.0	1			
2	32	6	21	0.01					
3	32	9	14	0.58	5.0	5			
4	21	14	20	0.00	0.0	4			
5	31	13	13	0.00	0.0	4			
6	36	10	12			3			
7	34	9	10			3			
8	33	10	11			2			
9	43	10	37	0.10					
10	54	36	43	0.20					
11	55	36	39	0.01					
12	57	37	44	0.00	0.0	0			
13	58	44	48	0.18					
14	62	37	37	0.70					
15	39	24	24	0.07	2.0	2			
16	33	21	25						
17	37	21	21						
18	33	17	18						
19	30	18	23	0.03	0.2	1			
20	31	22	23	0.04	0.5	1			
21	31	9	9						
22	32	9	23	T	T	T			
23	32	23	27	0.00	0.0	0			
24	36	27	28	0.00	0.0	0			
25	35	27	29						
26	36	23	25	0.00	0.0	0			
27	41	18	18						
28	49	18	26						
29	51	26	28						
30	58	26	27						
31	64	26	33						
SUM		1.92		7.7		CHECK BAR (for wire weight) NORMAL CHECK BAR			
CONDITION OF RIVER AT GAGE		READING		DATE		Fog Ice Pellets Glaze Thunder Hail Damaging Winds			
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				OBSERVER Dana Harris			
						SUPERVISING OFFICE WFO Buffalo		STATION INDEX NO. 30-9072-1	

[illegible]

STATION (Climatological) wellsville		(River Station, if different)		MONTH JUN	YEAR 2006	WS FORM 8-81 (12-93)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE			
STATE NY		COUNTY allegany		RIVER		RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS					
TIME (local) OF OBSERVATION		TEMPERATURE 0600		PRECIPITATION 0600						STANDARD TIME IN USE E	
TYPE OR RIVER GAGE		ELEVATION OF GAGE ZERO		FLOOD STAGE						NORMAL POOL STAGE	
TEMPERATURE		PRECIPITATION		WEATHER (Calendar Day)		RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS, ETC.)			
24 HRS ENDING AT OBSERVATION		24 HR AMOUNTS AT 09		Mark X for all types occurring each day		Gage reading at AM					
MAX MIN AT OBSN		Draw a straight line (---) through hours precipitation was observed and a wavy line (---) through hours precipitation probably occurred unobserved		Fog Ice Pellets Glaze Thunder Hail Damaging Winds		Condition					
		A.M. NOON P.M.									
1	88 61 61 0.38										
2	88 61 61 0.74										
3	69 53 63 0.83										
4	69 51 52 0.20										
5	69 46 46 0.08										
6	75 42 42 0.00										
7	76 42 47 0.00										
8	76 46 52										
9	69 48 49										
10	71 46 47 0.08										
11	60 42 42 0.00										
12	64 42 48 0.00										
13	63 48 51 0.00										
14	72 50 50 0.00										
15	71 42 43 0.00										
16	73 41 41 0.00										
17	78 40 54										
18	87 54 68										
19	87 62 63 0.00										
20	78 55 55 1.03										
21	75 48 48 0.00										
22	76 47 64 0.00										
23	83 61 61 0.14										
24	72 60 60 0.10										
25	79 57 60										
26	72 60 64 0.15										
27	74 64 67 0.47										
28	79 59 59 0.75										
29	79 55 55 0.10										
30	75 53 56 0.31										
31											
74.9 51.2 SUM 5.36 0		CHECK BAR (for wire weight) NORMAL CHECK BAR		Fog Ice Pellets Glaze Thunder Hail Damaging Winds		Condition					
CONDITION OF RIVER AT GAGE		READING		DATE		OBSERVER					
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. Flooding ice H. Pool stage				Dana Harris					
						SUPERVISING OFFICE		STATION INDEX NO.			
						WFO Buffalo		30-8072-1			

STATION (Climatological) wellsville			(River Station, if different)		MONTH JUL	YEAR 2006	WS FORM B-91 (12-93)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE									
STATE NY			COUNTY allegany	RIVER			RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS											
TIME (local) OF OBSERVATION			TEMPERATURE 0600	PRECIPITATION 0600	STANDARD TIME IN USE E													
TYPE OR RIVER GAGE			ELEVATION OF GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE													
TEMPERATURE			PRECIPITATION		WEATHER (Calendar Day)					RIVER STAGE		REMARKS (SPECIAL OBSERVATIONS, ETC.)						
24 HRS ENDING AT OBSERVATION			24 HR AMOUNTS	AT CB	Mark X for all types occurring each day					Gage reading at	Tendency							
MAX	MIN	AT OBSRN	Snow, ice pellets (in and melted)	Snow, ice pellets (on ground (in))	Timing or occurrence of rain or other weather phenomena if different from above													
			A.M.	N.OON	P.M.													
			1 2 3 4 5 6 7 8 9 10 11	1 2 3 4 5 6 7 8 9 10 11	1 2 3 4 5 6 7 8 9 10 11	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds		Condition	Gage reading at AM	Tendency			
1	75	48	48	0.08														
2	80	48	73	0.00														
3	79	59	60	0.07														
4	82	60	65	0.00									X					
5	78	56	58	0.23														
6	74	48	51															
7	75	46	47															
8	75	47	50	0.00														
9	77	49	57	0.00														
10	78	55	56	0.00														
11	77	55	57	0.25														
12	83	56	67	0.18														thunder, lightning
13	76	65	65	0.73														thunder
14	81	57	57	0.00														thunder & lightning
15	85	56	61															
16	81	58	59	0.06														
17	88	59	64	0.00														
18	89	64	69	0.00														
19	82	54	54															
20	83	54	59															
21	84	59	67															
22	83	67	67	0.74														
23	67	60	60	1.50														thunder
24	76	51	52	0.00														
25	80	51	57	0.00														
26	83	57	63	0.08														
27	84	62	67	0.03														
28	83	67	68	0.75														thunder / lightning
29	79	59	59	0.81														
30	84	59	63	0.01														
31	83	63	64	0.00														
32	80.1	56.5	SUM	5.52	0													
CONDITION OF RIVER AT GAGE			CHECK BAR (for wire weigh) NORMAL CHECK BAR		OBSERVER					SUPERVISING OFFICE		STATION INDEX NO.						
A. Constructed by rough ice			E. Ice gorge below gage															

[illegible]

[illegible]

STATION (Climatological) Wellsville		(River Station, if different)		MONTH NOV	YEAR 2006	WS FORM B-91 (12-93)		U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE			
STATE NY		COUNTY allegany		RIVER		RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS					
TIME (Local) OF OBSERVATION		TEMPERATURE 0600		PRECIPITATION 0600						STANDARD TIME IN USE E	
TYPE OR RIVER GAGE		ELEVATION OF GAGE ZERO		FLOOD STAGE						NORMAL POOL STAGE	

TEMPERATURE				PRECIPITATION		WEATHER (Calendar Day)										RIVER STAGE			REMARKS (SPECIAL OBSERVATIONS, ETC.)																	
24 HRS ENDING AT OBSERVATION		AT	24 HR AMOUNTS	AT OB	Draw a straight line (---) through hours precipitation was observed and a wavy line (~~~~) through hours precipitation probably occurred unobserved										Mark X for all types occurring each day					Condition	Gage reading at AM	Tendency														
MAX	MIN	OBSN	Rain, melted snow, etc. (in and inches)	Snow, ice pellets, hail, ice on ground (in)	A.M.			NOON			P.M.				Fog	Ice Pellets	Glaze	Thunder					Hail	Damaging Winds	Time of occurrence if different from above											
					1	2	3	4	5	6	7	8	9	10	11	1	2	3					4	5	6	7	8	9	10	11						
1	67	28	34	0.00																																
2	52	32	32	0.00																																
3	40	24	25	0.05	1.0	1	~~~~																													
4	34	24	26	0.01																																
5	38	26	30	0.00																																
6	48	26	27	0.00																																
7	58	27	43	0.00																																
8	50	42	46	0.12			~~~~																													
9	57	45	47																																	
10	63	39	40																																	
11	64	38	50	0.00			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11								
12	57	35	35	0.40			~~~~																													
13	36	34	36	0.02																																
14	45	36	42	0.00																																
15	47	35	35	0.01			~~~~																													
16	54	34	54	0.15				~~~~																												
17	59	46	46	1.40																																
18	46	34	36																																	
19	46	34	34																																	
20	36	30	30	0.00																																
21	32	21	22	0.00			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11								
22	38	17	17	0.00																																
23	45	16	18																																	
24	50	16	19																																	
25	51	19	24	0.00																																
26	60	23	28	0.00																																
27	63	23	33	0.00																																
28	59	33	37	0.00																																
29	57	36	45	0.00																																
30	60	43	53	0.00																																
31																																				
50.3		30.5	SUM	2.16	1.0	CHECK BAR (for wte weight) NORMAL CHECK BAR																						Fog	Ice Pel	Glaze	Thund	Hail	Dam Winds	X X X		
CONDITION OF RIVER AT GAGE				READING		DATE		OBSERVER Dana Harris															SUPERVISING OFFICE WFO Buffalo					STATION INDEX NO. 30-9072-1								
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. Shove ice G. Floating ice H. Pool stage																																