

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. Snow, ice pellets, hail, ice on ground (ins.)	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, (ins. and tenths)		A.M.	NOON	P.M.	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds								
1	66	33	48	.20																			
2	72	38	53	.09																			
3	72	48	57	0																			
4	71	51	55	0												X							
5	71	50	57	0																			
6	67	45	47	1.01																			
7	52	45	50	.26																			
8	58	48	55	.30																			
9	63	55	56	.01																			
10	73	55	64	0																			
11	83	46	46	0												X							
12	58	37	38	.29																	<i>Frost</i>		
13	56	28	36	0																	<i>Frost</i>		
14	61	28	49	0																			
15	58	46	49	.43																			
16	60	46	56	0																			
17	66	53	63	0																			
18	89	62	75	0																			
19	96	63	70	.05																			
20	96	65	74	0																			
21	92	60	60	.49												X							
22	80	52	58	0																			
23	82	47	64	0																			
24	76	56	56	0																			
25	65	46	52	0																			
26	59	45	51	0																			
27	54	50	52	.88																			
28	58	50	54	.22																			
29	57	44	44	.39												X							
30	69	34	48	0																			
31	73	37	58	0																			
SUM			SUM	<i>4.62</i>	CHECK BAR (For wire-weight) NORMAL CK. BAR																		

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.

OBSERVER *David J. Wypal Jr.*
 SUPERVISING OFFICE _____ SECTION INDEX NO. _____

STATION (Climatological) *University of Maryland W.M.R.E.C* (River Station, if different) MONTH *June* 19 *96*
 STATE *Maryland* COUNTY *Washington* RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE *7:30 AM - 7:30 AM*
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO Ft. FLOOD STAGE Ft. NORMAL POOL STAGE Ft.

WATERFORM B-91 (12-93) 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, (ins. and tenths)		1	2	3	4	5	6	7	8	9												10	11
1	78	45	59	0																								
2	75	53	61	0																								
3	62	52	60	0																								
4	78	55	60	.28															X									
5	79	49	57	0																								
6	82	50	67	0																								
7	86	62	70	0																								
8	86	62	70	0																								
9	74	69	71	.88															X									
10	84	69	70	0															X									
11	81	66	66	.12															X									
12	81	64	67	.16															X									
13	85	65	69	0															X									
14	88	65	70	0																								
15	88	63	65	0																								
16	88	59	72	.06																								
17	89	68	69	.91															X									
18	81	68	70	1.20																								
19	80	69	70	.08																								
20	86	67	69	.38															X									
21	85	66	70	0																								
22	92	64	70	0																								
23	83	63	67	0																								
24	84	59	70	.35															X									
25	84	60	61	0																								
26	79	52	59	0																								
27	83	54	65	0																								
28	85	56	69	0																								
29	79	66	67	0															X									
30	94	65	70	.67															X									
31																												
SUM			SUM	5.09																								

CONDITION OF RIVER AT GAGE
 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.

CHECK BAR (For wire-weight) NORMAL CK. BAR
 READING DATE
 OBSERVER *David W. Byrd Jr.*
 SUPERVISING OFFICE STATION INDEX NO.

STATION (Climatological) *University of Maryland (River Station, if different) W.M.R.F.C.* MONTH *Aug* 19 *96*
 STATE *Maryland* COUNTY *Washington* RIVER _____
 TIME (local) OF OBSERVATION RIVER _____ TEMP. PRECIPITATION _____ STANDARD TIME IN USE _____
 TYPE OF RIVER GAGE _____ ELEVATION OF RIVER GAGE ZERO _____ Ft. FLOOD STAGE _____ Ft. NORMAL POOL STAGE _____ Ft.

WS FORM B-91
(12-93)

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			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, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)															1	2	3	4	5	6	7	8
1	84	63	66	0																								
2	83	62	67	0																								
3	82	66	67	0																								
4	82	64	67	1.01																								
5	84	63	71	0																								
6	86	67	70	0																								
7	85	66	68	0																								
8	84	63	69	T																								
9	78	59	59	0																								
10	80	54	56	0																								
11	78	53	67	0																								
12	69	62	62	2.13																								
13	74	59	61	0.02																								
14	85	58	66	0.22																								
15	84	63	64	0																								
16	83	61	64	0								X																
17	84	62	64	0																								
18	83	61	61	.45																								
19	85	58	66	0																								
20	82	60	67	0																								
21	84	66	66	.82																								
22	87	65	65	0																								
23	92	62	70	0									X															
24	81	57	57	0																								
25	84	54	57	0																								
26	85	55	66	0																								
27	78	63	63	4.0						X			X															
28	84	59	63	0						X																		
29	84	60	60	0						X																		
30	82	57	57	0																								
31	83	54	58	0																								
SUM			SUM	4.26	X										X	X	X											

CONDITION OF RIVER AT GAGE READING _____ DATE _____

OBSERVER *David W. Bond Jr.* SUPERVISING OFFICE _____ 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.

STATION (Climatological) University of Md., WMREC (River Station, if different)
 STATE Maryland COUNTY Washington
 MONTH Sept 1996
 RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. 7:30 - 7:30AM PRECIPITATION STANDARD TIME IN USE
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO Ft. FLOOD STAGE Ft. NORMAL POOL STAGE Ft.

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.		AT OBSN.	PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.,)						
	MAX.	MIN.		24-HR AMOUNTS			Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY							
			Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets (ins. and tenths)	At Obs. (ins.)	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		
					A.M.			NOON			P.M.										
1	84	55	60	0																	
2	86	58	61	0																	
3	82	59	66	.20																	
4	74	64	70	.07																	
5	84	69	73	.0																	
6	76	70	70	0																	
7	85	66	66	0																High winds approx. 50 mph	
8	85	63	64	2.38																	
9	84	63	67	.07																	
10	86	64	68	T											X						
11	70	62	62	0										X							
12	78	60	62	.58										X							
13	73	50	50	0																	
14	73	48	53	0																	
15	74	49	58	.05																	
16	62	56	60	0																	
17	66	59	59	1.05																	
18	72	47	47	0																	
19	75	44	44	0																	
20	78	43	47	0																	
21	77	45	60	0																	
22	76	56	61	.61																	
23	72	53	53	0																	
24	66	47	47	0																	
25	71	44	44	0																	
26	63	42	60	0																	
27	73	60	66	0																	
28	70	49	49	0																	
29	70	44	44	.60																	
30	76	44	46	0											X						
31																					
SUM			SUM	6.21																	

CONDITION OF RIVER AT GAGE
 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.

READING DATE

Observer Dave Wlyard Jr.
 SUPERVISING OFFICE STATION INDEX NO.

STATION (Climatological) **University of Md.** (River Station, if different) **W.M.R.E.C.** MONTH **Nov** 19 **96**
 STATE **Maryland** COUNTY **Washington** RIVER _____
 TIME (local) OF OBSERVATION RIVER TEMP. **7:30 - 7:30** PRECIPITATION _____ STANDARD TIME IN USE _____
 TYPE OF RIVER GAGE _____ ELEVATION OF RIVER GAGE ZERO _____ Ft. FLOOD STAGE _____ Ft. NORMAL POOL STAGE _____ Ft.

FORM B-91
 (11-33)

U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL TIDE AND CURRENT 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			A.M.			NOON				P.M.				Mark 'X' for all types occurring each day. 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)	At Obs. Snow, ice pellets, (ins. and tenths)	At Obs. Snow, 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	52	40	40	0																			X										
2	46	29	29	0																													
3	48	23	23	0																													
4	54	23	33	0																													
5	62	33	42	0																													
6	63	36	59	T																													
7	68	58	69	T																													
8	70	41	41	0																													
9	51	33	33	0																													
10	44	31	32	1.71																													
11	41	24	29	0																													
12	39	21	24	0																													
13	40	18	30	.03																													
14	35	16	16	0																													
15	40	16	16	0																													
16	44	16	19	0																													
17	49	18	37	0																													
18	44	33	38	.04																													
19	51	36	39	0																													
20	44	28	28	0																													
21	40	26	37	0																													
22	43	20	20	0																													
23	46	20	36	0																													
24	49	29	37	0																													
25	54	35	46	1.10																													
26	49	31	31	0																													
27	36	19	19	0																													
28	33	18	24	0																													
29	42	23	33	0																													
30	45	32	45	0																													
31																																	
SUM			SUM	288																													

CONDITION OF RIVER AT GAGE
 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.

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

READING _____ DATE _____

OBSERVER _____ SUPERVISING OFFICE _____ STATION INDEX NO. _____

STATION (Climatological) University of Md.	(River Station, if different) W.M.R.F.C.	MONTH Dec	19 96
STATE MARYLAND	COUNTY Washington	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP. 7:30 AM - 7:30 AM	PRECIPITATION	STANDARD TIME IN USE
TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO Ft.	FLOOD STAGE Ft.	NORMAL POOL STAGE Ft.

FORM B-91
(12-93)

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 Obs. <small>Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.</small>	A.M.			NOON			P.M.				Fog	Ice Pellets	Glaze	Thunder	Hail	Dancing 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, ice on ground (ins.)		1	2	3	4	5	6	7	8	9	10											11	1	
1	62	40	42	1.37																									
2	52	25	25	0																									
3	49	25	42	0																									
4	46	23	23	0																									
5	39	21	23	.57																									
6	42	30	36	0																									
7	37	30	36	0																									
8	49	25	32	.37																									
9	37	24	30	0																									
10	42	28	37	0																									
11	42	34	37	.05																									
12	50	36	45	.95																									
13	47	42	40	0																									
14	42	31	23	0																									
15	45	22	39	.38																									
16	42	38	42	0																									
17	52	38	38	0																									
18	46	32	33	.28																									
19	34	15	15	0																									
20	27	6	6	0																									
21	29	6	23	0																									
22	34	15	32	0																									
23	49	28	52	0																									
24	53	26	26	0																									
25	36	21	21	0																									
26	34	25	25	0																									
27	51	23	42	0																									
28	51	20	41	0																									
29	56	24	34	0																									
30	57	39	39	0																									
31	45	27	27	.06																									
SUM			SUM	4.03																									
CONDITION OF RIVER AT GAGE				READING	CHECK BAR (For wire-weight) NORMAL CK. BAR				OBSERVER <i>David Z. Ubyard Jr.</i>						SUPERVISING OFFICE						STATION INDEX NO.								
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. Flooding ice.																									
D. Ice gorge above gage.				H. Pool stage.																									