

STATION (Name)
 STATE MARYLAND COUNTY Washington RIVER
 (River Station, if different)
W.M.R.E.C.
 MONTH JAN. 19 96
 FORM B-91
 (39)
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 U.S. DEPT. OF COMMERCE
 U.S. 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.	72-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 05: Draw a straight line (——) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably unobserved.																								
																			Mark "X" for all types occurring each day.											
1	39	34	34	0																										
2	37	34	36	.82																										
3	40	23	32	.01																										
4	30	17	18	0																										
5	30	19	21	0																										
6	24	17	17	0																										
7	20	13	14	0																										
8	27	4	20	0	35	35																								
9	27	-3	16	0																										
10	27	15	28	0																										
11	21	-1	-2	1.08																										
12	26	17	17	0	4																									
13	38	24	24	0	9	18																								
14	43	17	19	0																										
15	42	22	32	.49																										
16	30	12	16	0																										
17	43	25	32	0																										
18	52	34	41	.32																										
19	59	16	56	0																							Heavy Flooding			
20	26	13	13	0																										
21	33	13	21	1.20																										
22	42	13	15	0																										
23	38	30	32	.25																										
24	51	34	41	.52	T																									
25	35	22	27	0																										
26	39	25	26	0																										
27	58	32	50	0																										
28	33	21	26	.38																										
29	35	23	28	0																										
30	47	25	27	0																										
31	27	12	13	0																										
SUM				5.08																										

CONDITION OF RIVER AT GAGE

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

CHECK BAR (For water only) NORMAL CK. BAR

READING: _____ DATE: _____

OBSERVER: David Wyzard Jr.

SUPERVISING OFFICE: _____ STATION INDEX NO.: _____

WS FORM B-91
 (12-93)

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Geological) *University of Maryland* (River Station, if different) *WARRIAC*
 STATE *Maryland* COUNTY *Washington*
 MONTH *March* 19 *96*
 RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE
7:30am - 7:30am
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO Ft. FLOOD STAGE Fl. NORMAL POOL STAGE

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.																		Fog	Ice Pellets	Glaze	Thunder		Hail	Damaging Winds	Time of observation if different from above	CONDITION	GAGE READING AT	TENDENCY					
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	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								_____	A.M.				
1	39	16	31	0																																				
2	42	30	26	0																																				
3	34	19	20	0																																				
4	43	7	38	0																																				
5	57	32	50	.43																																				
6	54	47	36	.28																																				
7	41	24	15	.46																																			2 pm sleet mix in Rain	
8	24	14	16	0																																				
9	25	13	17	0																																				
10	36	6	17	0																																				
11	46	14	25	0																																				
12	54	15	31	0																																				
13	60	20	37	0																																				
14	68	29	50	0																																				
15	62	46	38	0																																				
16	54	31	35	0																																				
17	43	34	38	0	T																																	Light Snow		
18	60	36	43	0																																				
19	51	31	36	1.48																																		Rain mix with Snow		
20	42	36	33	.13	T																																			
21	44	31	28	0																																				
22	40	28	32	0																																				
23	47	32	24	0																																				
24	56	23	43	0																																				
25	69	39	39	T																																				
26	59	28	28	0																																				
27	37	28	29	.04																																				
28	38	32	23	.95																																		winter mix		
29	40	32	33	0																																				
30	56	31	38	0																																				
31	63	32	48	T																																				
SUM			SUM	3.77																																				

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

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

OBSERVER *David W. Lynd Jr.*
 SUPERVISING OFFICE STATION INDEX NO.

STA. (limatological) University of Maryland W.M.R.E.C. (River Station, if different)
 STATE Maryland COUNTY Washington MONTH April 1952
 RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE
7:30 AM - 7:30 PM
 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.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS <i>(Special observations, etc..)</i>					
	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.						CONDITION	GAGE READING AT A.M.		TENDENCY				
	MAX.	MIN.		Rain, melted snow, etc. (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	1 2 3 4 5 6 7 8 9 10 11	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds		Time of observation if different from above				
1	52	41	35	.82																
2	52	31	31	0																
3	71	28	39	0																
4	70	35	46	0																
5	52	32	4	0																
6	43	31	32	.01																
7	48	24	27	0																
8	50	23	34	.11																Little snow mix in Rain
9	39	32	32	.19																mix
10	46	31	40	.02																mix
11	70	35	63	0																
12	86	48	48	0																
13	73	46	51	0																
14	57	35	39	0																
15	52	32	44	.64																
16	53	41	39	.02																
17	56	35	35	0																
18	73	27	54	0																
19	74	62	61	0																
20	76	58	58	0																
21	77	54	52	.01																
22	86	47	62	0																
23	82	42	42	T																
24	63	40	49	0																
25	75	40	62	0																
26	66	45	45	0																
27	59	35	47	0																
28	70	35	61	0																
29	84	57	69	.15																
30	59	41	43	.54																
31																				
SUM			SUM	2.51																

CHECK BAR (For wire-weight) NORMAL CK. BAR
 CONDITION OF RIVER AT GAGE READING DATE
 OBSERVER David L. Weyand Jr.
 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. Floating ice.
 D. Ice gorge above gage. H. Pool stage.

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.

WATER RESOURCES DIVISION 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 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	
1	78	45	59	0																									
2	75	53	61	0																									
3	62	52	60	0																									
4	78	55	60	.28																									
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																									
10	84	69	70	0																									
11	81	66	66	.12																									
12	81	64	67	.16																									
13	85	65	69	0																									
14	88	65	70	0																									
15	88	63	65	0																									
16	88	59	72	.06																									
17	89	68	69	.91																									
18	81	68	70	1.20																									
19	80	69	70	.08																									
20	86	67	69	.38																									
21	85	66	70	0																									
22	92	64	70	0																									
23	83	63	67	0																									
24	84	59	70	.35																									
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																									
30	94	65	70	.67																									
31																													

SUM *5.09* CHECK BAR (For wire-weight) NORMAL CK. BAR
 CONDITION OF RIVER AT GAGE READING DATE
 OBSERVER *David W. Byrd Jr.*
 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. Floating ice.
 D. Ice gorge above gage. H. Pool stage.

STATION (Climatological) University of Maryland W.A.R.E.C. (River Station, if different)
 STATE MARYLAND COUNTY Washington MONTH July 19 96
 RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE
7:30AM - 7:30AM

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.	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, ice on ground (ins.)		Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.										Time of observation if different from above	
							A.M.		NOON		P.M.		Fog	Ice Pellets		Glaze		Thunder
1	89	68	70	0														
2	83	64	64	.24														
3	78	59	59	0														
4	75	52	52	0														
5	83	49	62	0														
6	87	53	66	0														
7	89	57	71	.02														
8	90	70	74	.04														
9	89	67	65	0														
10	78	55	60	0														
11	79	50	69	0														
12	78	59	69	0														
13	88	68	71	0														
14	87	66	74	0.67														
15	80	69	70	.31														
16	86	63	73	0														
17	89	64	70	0														
18	74	66	71	.90														
19	84	64	64	0														Heavy Rain Between 2:30 - 3:30 pm
20	78	60	60	0														
21	84	51	69	3.44														
22	69	63	63	.35														
23	84	62	66	0														
24	85	60	71	0														
25	84	64	73	.01														
26	85	62	67	.0														
27	81	57	62	0														
28	82	57	66	.26														
29	73	66	68	.80														
30	81	66	66	.85														
31	75	65	66	.16														
SUM			SUM	0.25														

- 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.

CONDITION OF RIVER AT GAGE READING DATE OBSERVER SUPERVISING OFFICE STATION INDEX NO.

STATION (Climatological) <i>University of Md., WMREC</i>		(River Station, if different)		MONTH <i>Sept</i>	19 <i>96</i>
STATE <i>Maryland</i>		COUNTY <i>Washington</i>		RIVER	
TIME (local) OF OBSERVATION		TEMP. <i>7:30 - 7:30 AM</i>	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.		AT OBSN.	PRECIPITATION		WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)		
	MAX.	MIN.		24-HR AMOUNTS		At Ob.	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)		Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.									Time of observation if different from above
	A.M.					NOON			P.M.			_____ A.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												High winds approx. 50 mph
7	85	66	66	0												
8	85	63	64	2.38												
9	84	63	67	.07												
10	86	64	68	7												
11	70	62	62	0												
12	78	60	62	.58												
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	52	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												
31																
SUM			SUM	6.21												

CONDITION OF RIVER AT GAGE		READING	DATE
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.		

Fog	Ice Pellets	Glaze	Thunder	Hail	Dam. Winds
OBSERVER <i>Dave Wlyard Jr.</i>					
SUPERVISING OFFICE					

STATION INDEX NO.

STATION (Climatological) University of Md.	(River Station, if different) W.M.R.F.C.	MONTH Dec	19 <u>96</u>
STATE Maryland	COUNTY Washington	RIVER	
TIME (local) OF OBSERVATION RIVER 7:30 AM - 7:30 AM	TEMP.	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. 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	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, (ins. and tenths)		Snow, ice pellets, hail, ice on ground (ins.)	1	2	3	4	5	6	7	8	9	10											
1	62	40	42	1.37															X									
2	52	26	25	0																								
3	49	25	42	0																								
4	46	23	23	0																								
5	39	21	23	.57															X									
6	42	30	36	0																								
7	37	30	36	0																								
8	49	25	32	.37																								
9	37	24	30	0		T																						
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		T																						
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																								

CONDITION OF RIVER AT GAGE		READING		DATE					
A. Obstructed by rough ice.		E. Ice gorge below gage		OBSERVER David Z. Wyand Jr.					
B. Frozen, but open at gage.		F. Shore ice.				SUPERVISING OFFICE			
C. Upper surface of smooth ice.		G. Floating ice.						STATION INDEX NO.	
D. Ice gorge above gage.		H. Pool stage.							