

STATE Maryland COUNTY Washington RIVER January 19 99
 TIME (local) OF OBSERVATION 7:30AM TEMP. 7:30AM PRECIPITATION E STANDARD TIME IN USE E
 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 (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 (wavy) through hours precipitation probably occurred unobserved.	A.M.			NOON				P.M.				Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Type 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)		1	2	3	4	5	6	7	8	9	10	11											1	2	
1	36	17	38	0																										
2	45	32	32	0																										
3	31	29	29	0																										
4	30	25	26	.54																										
5	30	14	19	.03																										
6	29	19	25	0																										
7	29	25	25	0																										
8	29	10	12	0																										
9	23	4	4	.41																										
10	30	10	21	0																										
11	32	29	31	0																								Malfunction graph Boonsboro AREA Temp.		
12	31	29	30	.41																										
13	34	30	32	T																										
14	33	3	3	0																										
15	16	4	4	0																										
16	13	-2	-2	0																								Malfunction graph Boonsboro AREA Temp.		
17	24	10	10	0																										
18	10	-16	-16	.98																										
19	6	-10	4	.01																										
20	14	-22	-20	0																										
21	21	-02	-02	0																										
22	37	12	12	0																										
23			46	.00																								Malfunction graph		
24	52	32	35	0																										
25	43	32	34	.27																										
26	34	20	20	T																										
27	26	16	26	0																										
28	42	26	37	0																										
29	37	24	24	0																										
30	33	23	23	.63																										
31	34	23	22	0																										
SUM			SUM	3.30																										

CONDITION OF RIVER AT GAGE _____
 CHECK BAR (For wire-weight) NORMAL CK. BAR _____
 READING _____ DATE _____
 OBSERVER David W. Lyman 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.

WS-FORM 8-91
(7-89)

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATE Maryland COUNTY Washington RIVER WMREC
 TIME (local) OF OBSERVATION 7:30 AM TEMP. 7:30 AM PRECIPITATION 7:30 AM STANDARD TIME IN USE E
 TYPE OF RIVER GAGE _____ ELEVATION OF RIVER GAGE ZERO _____ FLOOD STAGE _____ NORMAL POOL STAGE _____

DATE	TEMPERATURE F.		AT OBSN.	PRECIPITATION		WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.,)		
	MAX.	MIN.		24-HR AMOUNTS		At Obs. Snow, ice pellets Rain, etc. (ins. and hundredths)	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	CONDITION		GAGE READING AT A.M.	TENDENCY
				Rain, etc. (ins. and hundredths)	Snow, ice pellets (ins. and tenths)											
1	38	10	10	0												
2	29	10	22	0												
3	39	10	16	0	T											
4	42	16	34	0												
5	43	21	23	0												
6	45	23	24	0												
7	46	28	30	0												
8	31	20	30	1.05		1.25					X	X				
9	31	14	14	.11		6.0					X	X				
10	21	14	16	0		9.0					X					
11	24	16	24	0												
12	31	24	27	0												
13	40	29	30	.88												
14	40	18	26	0												
15	50	23	31	0												
16	46	18	18	0												
17	50	17	19	0												
18	56	19	23	0												
19	56	23	36	0												
20	59	36	40	.02												
21	44	31	34	.25							X					
22	46	31	32	.61		4.5										
23	37	32	33	.96							X				Snow, Rain Ice 7:30 AM	
24	42	24	24	.01	T	T										
25	41	24	24	0												
26	28	19	9	0											Malfunction gage	
27	25	9	9	0												
28	33	9	27	0												
29																
30																
31																
SUM				3.89												

CONDITION OF RIVER AT GAGE _____ READING _____ DATE _____

OBSERVER David W. Lyman 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.

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATE Maryland		COUNTY Washington		RIVER MAY		19 <u>94</u>		
TIME (local) OF OBSERVATION 7:30am-7:30am			TEMP. E		PRECIPITATION E		STANDARD TIME IN USE	
TYPE OF RIVER GAGE			ELEVATION OF RIVER GAGE ZERO Ft.		FLOOD STAGE Ft.		NORMAL POOL STAGE Ft.	

DATE	TEMPERATURE F.			PRECIPITATION																	WEATHER (Calendar Day)						RIVER STAGE			REMARKS (Special observations, etc.,)
	MAX.	MIN.	AT OBSN.	24-HR AMOUNTS		At Ob. Snow, ice pellets hail, ice on ground (ins.)	A.M.			NOON			P.M.				Fog	Ice Pellets	Glaze	Thunder	Hail	Dam. Winds	Time of observation if different from above	CONDITION	GAGE READING AT	TENDENCY				
				1	2		3	4	5	6	7	8	9	10	11	1											2	3	4	
1	70	40	43	.50																										
2	61	34	40	0																										
3	58	40	46	.12																										
4	50	48	46	.23																										
5	66	47	51	.02																										
6	67	39	39	0																										
7	51	39	50	0																										
8	60	40	47	1.20																										
9	71	48	54	0																										
10	67	37	39	.02																										
11	73	40	56	.12																										
12	68	37	40	.02																										
13	65	34	42	0																										
14	68	42	59	0																										
15	79	59	61	.38																										
16	72	48	48	0																										
17	57	40	46	0																										
18	58	40	49	0																										
19	61	49	50	0																										
20	65	39	44	0																										
21	77	44	50	0																										
22	85	50	57	0																										
23	87	51	56	0																										
24	83	54	63	0																										
25	82	58	61	1.96																										
26	74	47	47	.41																										
27	68	37	46	0																										
28	69	42	54	0																										
29	78	54	64	0																										
30	82	57	61	0																										
31	82	61	67	0																										
SUM			SUM	5.38																										

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-waicht) NORMAL CK. BAR

READING DATE

WEATHER OBSERVER

David Wilson Jr.

SUPERVISING OFFICE STATION INDEX NO.

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

UNIVERSITY OF MARYLAND UMREC July 19 94
 STATE COUNTY RIVER
 Maryland Washington
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE
 7:30 AM 7:30 AM E
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE
 Ft. Ft. Ft.

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	Drooping Winds	Time of observation if different from above	CONDITION	GAGE READING AT A.M.	TENDENCY			
	MAX.	MIN.		Rein, melted snow, etc. (ins. and hundredths)	Snow, ice pellets (ins. and tenths)		1	2	3	4	5	6	7	8	9											10		11
1	84	62	69	0																								
2	89	67	71	0																								
3	86	65	73	0																								
4	84	72	73	0																								
5	85	70	73	0																								
6	92	66	67	0															X									
7	88	67	71	1.53															X									
8	91	71	72	0															X									
9	89	68	69	0																								
10	84	58	58	T																								
11	81	58	58	0																								
12	87	58	64	0																								
13	90	62	71	0																								
14	87	69	69	0																								
15	84	68	67	.60															X									
16	86	65	65	0																								
17	83	64	71	.50																								
18	84	64	67	.80																								
19	87	67	70	0																								
20	89	70	72	0																								
21	81	69	72	.58															X									
22	83	70	71	0																								
23	81	64	68	0																								
24	87	68	70	.43																								
25	82	64	67	.14															X									
26	79	61	62	.07															X									
27	74	60	60	.21															X									
28	78	61	66	0																								
29	78	64	68	0															X									
30	84	66	67	.13																								
31	85	67	70	0																								
SUM			SUM	4.19																								

CONDITION OF RIVER AT GAGE READING DATE

OBSERVER: David Wyand 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.

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

(7-89)

UNIVERSITY OF MARYLAND WAREC. AUG. 19 99
 STATE MARYLAND COUNTY Washington RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. 7:30 am PRECIPITATION 7:30 am STANDARD TIME IN USE E
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE

DATE	TEMPERATURE F.			PRECIPITATION		WEATHER (Calendar Day)						RIVER STAGE						
	MAX.	MIN.	AT OBSN.	24-HR AMOUNTS	At Ob.	A.M.		NOON		P.M.		GAGE READING AT		TENDENCY				
				Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets (fine. and tenths)	Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.											REMARKS (Special observations, etc.,)	
1	85	69	72	.0														
2	85	64	66	.04														
3	86	66	67	0														
4	86	68	70	.08														
5	72	46	50	0														
6	74	47	50	0														
7	76	50	59	.33														
8	78	60	62	0														
9	86	62	68	0														
10	80	59	62	0														
11	81	61	69	.11														
12	84	69	72	0														
13	87	72	73	0														
14	87	53	54	.14														
15	75	57	59	0														
16	72	58	65	.35														
17	72	65	67	3.68														
18	78	60	62	0														
19	82	64	68	0														
20	84	68	73	0														
21	82	66	66	.98														
22	76	51	52	.20														
23	75	49	50	0														
24	77	54	60	0														
25	82	60	62	.11														
26	85	65	68	0														
27	85	66	68	0														
28	86	68	72	.03														
29	77	51	52	.021														
30	77	52	63	0														
31	79	63	64	.17														
SUM			SUM	6.43														

Mark 'X' for all types occurring each day.

Time of observation if different from above

CONDITION

GAGE READING AT

TENDENCY

REMARKS (Special observations, etc.,)

CONDITION OF RIVER AT GAGE

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

READING DATE

OBSERVER *David J. Tugend 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.

(7-89)

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

UNIVERSITY OF MARYLAND, WINDSEL, ADG. 1977
 STATE MARYLAND COUNTY Washington RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE
 7:30 AM - 7:30 AM E
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FLOOD STAGE NORMAL POOL STAGE
 Ft. Ft. Ft.

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.							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.
1	66	47	47	.04													
2	60	32	36	0													
3	68	36	49	0													
4	76	50	62	0													
5	74	58	61	0													
6	76	46	47	.04													
7	60	35	39	0													
8	73	38	57	0													
9	73	42	42	.11													
10	55	31	33	0													
11	51	25	30	0													
12	55	30	48	0													
13	70	39	39	0													
14	68	40	49	0													
15	67	43	43	.20													
16	44	36	36	.58													
17	50	40	50	.03													Light Mist.
18	53	46	48	0													
19	60	33	40	0													
20	53	40	50	.05													
21	58	44	44	.80													
22	52	35															Malfunction of graph 22-26 Light Snow
23																	
24																	
25	52	33															
26																	
27	38	31	42	.92													
28	60	37	43	.05													
29	57	30	38	0													
30	51	25	25	0													
31																	

Draw a straight line (—) through hours precipitation was observed, and a wavy line (wavy) through hours precipitation probably occurred unobserved.
 Mark 'X' for all types occurring each day.
 Time of observation if different from above

CONDITION

GAGE READING AT A.M.

TENDENCY

REMARKS

(Special observations, etc.,)

SUM 3.70

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

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.

OBSERVER

SUPERVISING OFFICE

STATION INDEX NO.

David J. Wyard Jr.



