

STATION (Climatological) *Univ. of Maryland WmREC* (River Station, if different)

STATE *Maryland* COUNTY *Washington*

MONTH *Jan* 19 *73*

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.

WS FORM E-15 (7-87)

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.,)						
	MAX.	MIN.	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								
		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	Damg. Winds	Time of observation if different from above	CONDITION	A.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														
1	35	19	21	0																		
2	35	21	29	0																		
3	38	29	37	0																		
4	67	36	52	.32																		
5	56	30	32	0																		
6	41	32	36	0																		
7	44	35	35	.08																		
8	37	27	27	.14	.7	1																
9	28	25	25	0	0	1																
10	27	25	26	.10	.6	1																
11	32	26	30	.31																		
12	36	30	35	.27			1 2 3 4 5 6 7 8 9 10 11	1 2 3 4 5 6 7 8 9 10 11														
13	44	33	33	.03																		
14	35	29	29	0																		
15	36	28	28	0																		
16	33	25	27	0																		
17	43	27	27	0																		
18	31	16	16	T	T	T																
19	34	11	11	0																		
20	40	11	16	0																		
21	31	29	29	.49																		
22	36	29	34	0			1 2 3 4 5 6 7 8 9 10 11	1 2 3 4 5 6 7 8 9 10 11														
23	45	32	35	0																		
24	48	27	28	.13																		
25	35	15	16	0																		
26	31	13	14	0																		
27	38	14	16	0																		
28	36	23	35	0																		
29	35	19	24	0																		
30	42	24	41	0																		
31	52	33	33	0																		
SUM		1198	773		1.87	.13	CHECK BAR (For wire-weight) NORMAL CK. BAR															
CONDITION OF RIVER AT GAGE				Greatest	.07	1	READING	DATE														
OBSERVER <i>SCHETROMPF</i>																	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 Maryland Wmree
STATE *Maryland* COUNTY *Washington* MONTH *FEB* 19 *23*
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 FLOOD STAGE NORMAL POOL STAGE
GAGE ZERO Ft. Ft. 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 OBS.	24-HR AMOUNTS			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	Dama. Winds	Time of observation if different from above	CONDITION	GAGE READING AT	TENDENCY																										
MAX.	MIN.	AT OBS.	Rain, melted, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and hundredths)	Snow, ice pellets, hail (ins. and hundredths)	A.M. NOON P.M.																																																	
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																					
1	33	10	10	0	0																																																		
2	28	10	17	0	0																																																		
3	53	17	32	0	0																																																		
4	44	18	32	0	0																																																		
5	55	30	30	0	0																																																		
6	30	15	16	T	T	T																																																	
7	28	16	16	0	0																																																		
8	38	12	12	0	0																																																		
9	38	24	25	0	0																																																		
10	57	24	22	0	0																																																		
11	48	28	28	.22	.7	1																																																	
12	18	26	26	.95	3.9	4																																																	
13	37	26	26	0	0	2																																																	
14	35	20	27	0	0	1																																																	
15	38	29	29	.21	2.8	4																																																	
16	38	28	28	.12	0	2																																																	
17	36	13	14	0	0	1																																																	
18	27	04	04	0	0	1																																																	
19	24	04	20	0	0	1																																																	
20	36	20	23	0	0	1																																																	
21	30	23	28	.31	3.8	4																																																	
22	32	23	25	0	0	2																																																	
23	28	17	17	0	0	2																																																	
24	23	04	04	0	0	2																																																	
25	27	04	19	.13	3.8	5																																																	
26	26	16	23	.04	.9	6																																																	
27	31	05	14	0	0	5																																																	
28	33	15	20	0	0	3																																																	
29																																																							
30																																																							
31																																																							
SUM	9710	480	SUM	1.98	15.9		CHECK BAR (For wire-weight) NORMAL CK. BAR																																																

CONDITION OF RIVER AT GAGE: Greatest

READING DATE

OBSERVER: *A. SCHETROMPF*

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 Maryland **UMREC** (River Station, if different)
 STATE Maryland COUNTY Washington MONTH Mar 1993
 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.

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 Rain, melted snow, etc. (ins. and hundredths)	At Obs. Snow, ice pellets, hail (ins. and hundredths)	Snow, ice pellets, hail, or on ground (ins.)	Draw a straight line (—) through hours precipitation was observed, and a waved line (~~~~) through hours precipitation probably occurred unobserved.														Mark 'X' for all types occurring each day.						CONDITION	GAGE READING AT A.M.	TENDENCY						
	MAX.	MIN.					A.M.				NOON				P.M.						Fog	Ice Pellets	Glaze	Thunder	Hail					Damaging Winds	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								
1	44	20	33	0																															
2	49	31	33	0																															
3	45	33	34	.47																															
4	34	29	30	1.46	.3																														
5	32	28	31	.11																															
6	38	25	29	0																															
7	50	29	33	0																															
8	50	33	36	T																															
9	43	25	27	0																															
10	37	28	28	.17	.3	T																													
11	34	18	20	0																															
12	38	20	27	.21	4.0	4																													
13	27	16	16	.97	17.0	21																													
14	19	-2	-2	0																															
15	26	-2	23	0																															
16	41	23	34	.36																															
17	40	12	12	.61																															
18	24	2	2	0																															
19	30	2	25	0																															
20	36	25	31	0																															
21	48	27	24	T																															
22	52	33	38	0																															
23	38	33	33	.93																															
24	49	33	39	0																															
25	44	27	28	0																															
26	58	28	38	0																															
27	52	38	46	1.21																															
28	52	46	48	T																															
29	55	48	50	.15																															
30	65	36	41	0																															
31	62	44	45	.62																															
SUM	1312	788	SUM	7.27	21.6	X																													

54 MPH Winds - drifted snow. Can't measure.

CONDITION OF RIVER AT GAGE
 Greatest CHECK BAR (For wire-weight) NORMAL CK. BAR
 READING DATE
 OBSERVER SCHLETROMPF
 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 WMREC (River Station, if different)
 STATE MARYLAND COUNTY WASH.
 MONTH MAY 19 93
 TIME (local) OF OBSERVATION RIVER TEMP. 7:30AM PRECIPITATION 7:30AM STANDARD TIME IN USE ED
 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			Mark 'X' for all types occurring each day.						CONDITION	GAGE READING AT A.M.	TENDENCY				
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	At Obs.	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
						A.M.			NOON			P.M.							
1	78	49	56	0															
2	77	56	57	0															
3	70	55	56	0															
4	77	56	59	.23															
5	72	52	57	.54															
6	76	42	51	0															
7	75	45	55	0															
8	73	54	58	0															
9	78	55	57	0															
10	82	59	63	0															
11	87	56	63																
12	79	56	57	.10															
13	64	41	44	.14															
14	69	43	53	0															
15	77	53	60	0															
16	71	47	50	.09															
17	69	46	50	0															
18	57	40	40	.34															
19	62	40	44	T															
20	61	34	42	0															
21	62	37	44	0															
22	65	37	47	0															
23	69	47	51	0															
24	79	51	64	0															
25	80	50	54	0															
26	70	44	50	0															
27	78	54	62	0															
28	85	63	68	0															
29	70	38	45	0															
30	72	55	55	0															
31	71	47	48	1.24															
SUM			SUM	2.73															

CONDITION OF RIVER AT GAGE: Greatest CHECK BAR (For wire-weight) NORMAL CK. BAR READING DATE OBSERVER G. SCHETROMPF 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 **Wash** RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. **7:30AM** PRECIPITATION **7:30AM** STANDARD TIME IN USE **ED**
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO Ft. FLOOD STAGE Ft. NORMAL POOL STAGE Ft.

DATE	TEMPERATURE F.		AT OBSN.	PRECIPITATION		WEATHER (Calendar Day)							RIVER STAGE		REMARKS (Special observations, etc.)
	MAX.	MIN.		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>	Fog	Ice Pellets	Glaze	Thunder	Hail	Dam. Winds	Time of observation if different from above	CONDITION GAGE READING AT	TENDENCY	
1	69	64	66	.14											
2	70	66	68	0											
3	88	67	68	0											
4	91	68	73	.63											
5	93	75	76	0											
6	92	69	71	.10											
7	93	70	73	0			X								
8	95	69	71	0											
9	95	71	74	0											
10	96	67	68	0											
11	94	68	73	0											
12	89	66	69	0											
13	93	67	69	0											
14	94	70	74	0											
15	85	54	58	0											
16	88	54	60	0											
17	87	58	68	0											
18	88	60	72	0											
19	83	69	70	.38											
20	90	60	63	0											
21	86	54	57	0											
22	85	51	53	0											
23	87	53	58	0											
24	86	58	70	0											
25	86	70	73	0											
26	78	67	67	0											
27	91	61	64	0											
28	96	63	64	.85											
29	86	62	66	0											
30	77	63	65	0											
31	78	59	61	0											
SUM	2647	1921	SUM	2.10											

CONDITION OF RIVER AT GAGE Greatest CHECK BAR (For wire-weight) NORMAL CK. BAR
 OBSERVER **David Wilson 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.

University of Maryland, UMREC
 STATE: Maryland COUNTY: Washington MONTH: Aug 19 93 RIVER: Aug
 TIME (local) OF OBSERVATION: 7:30 TEMP: 7:30 PRECIPITATION: 7:30 STANDARD TIME IN USE: E
 TYPE OF RIVER GAGE: ELEVATION OF RIVER GAGE ZERO: FLOOD STAGE: NORMAL POOL STAGE:

WS FORM B-91 (7-89) 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.,)										
	MAX.	MIN.	AT OBSN.	24-HR AMOUNTS												Mark 'X' for all types occurring each day.						CONDITION	GAGE READING AT A.M.		TENDENCY									
				Rain, melted snow, etc. (fine. and handreds)	Snow, ice pellets (fine. and tenths)	Snow, ice pellets half, ice on ground (tens)	At Ob.											Fog	Ice Pellets	Glaze	Thunder			Hail		Damg. Winds	Time of observation if different from above							
							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	87	61	66	0																														
2	85	63	65	.14																														
3	91	62	64	0																														
4	86	58	66	0																														
5	80	61	61	.12																														
6	65	60	61	.82																														
7	78	54	61	.04																														
8	81	56	56	0																														
9	84	58	65	0																														
10	82	66	66	0																														
11	83	59	59	0																														
12	85	59	64	0																														
13	89	62	63	.09																														
14	90	60	60	0																														
15	91	60	67	0																														
16	88	70	72	0																														
17	90	63	65	.38																														
18	85	65	66	0																														
19	83	66	67	0																														
20	86	64	66	0																														
21	82	50	52	0																														
22	82	60	60	.08																														
23	87	62	67	0																														
24	88	68	70	0																														
25	95	68	70	0																														
26	95	67	68	0																														
27	98	68	73	0																														
28	99	64	65	0																														
29	93	65	66	0																														
30	93	66	70	0																														
31	93	67	68	0																														
			SUM	1.67																														
							CHECK BAR (For wire-weight) NORMAL CK. BAR																											
							READING																											

- 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.

SUPERVISING OFFICE: David Wyzand Jr.
 STATION INDEX NO.:

University of Maryland WMREC Oct. 19 93

WS FORM 8-91
(7-89)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION		WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.,)		
	MAX.	MIN.	AT OBSN.	24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	CONDITION		GAGE READING AT	TENDENCY
1	60	30	46	0												First Frost
2	74	46	50	0												
3	62	40	42	.29												
4	71	42	47	0												
5	60	32	32	0												
6	64	32	41	0												
7	73	41	45	0												
8	72	45	52	0												
9	76	42	42	0												
10	51	29	29	.03												
11	57	32	42	.66												
12	58	40	43	.14												
13	54	40	47	0												
14	55	44	46	.05												
15	54	46	47	0												
16	64	46	56	0												
17	65	53	53	0												
18	70	51	51	0												
19	57	51	54	.08												
20	60	54	60	.44												
21	68	38	38	.17												
22	61	34	35	0												
23	61	33	33	0												
24	67	35	37	0												
25	73	35	44	0												
26	61	44	50	0												
27	64	44	45	0												
28	51	34	39	0												
29	65	38	47	0												
30	47	40	40	0												
31	41	36	37	.96												
SUM			SUM	2.82												

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

STATE MARYLAND COUNTY Washington RIVER December 93
 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 FLOOD STAGE NORMAL POOL STAGE
 GAGE ZERO Ft. Ft. Ft.

WS FORM B-91 (7-89)

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 (w) 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		2	3	4	5	6	7	8	9	10	11
1	42	23	23	0																																			
2	48	24	37	0																																			
3	56	37	46	0																																			
4	50	46	49	0																																			
5	49	26	26	2.80																																			
6	46	26	42	0																																			
7	45	26	26	0																																			
8	48	25	25	0																																			
9	47	25	39	.01																																			
10	46	35	35	0																																			
11	35	21	21	0																																			
12	35	22	26	.25																																			
13	47	25	26	0																																			
14	42	26	37	.04																																			
15	44	34	42	.15																																			
16	45	20	20	0																																			
17	42	20	33	0																																			
18	44	33	35	0																																			
19	45	29	35	.17																																			
20	42	32	32	0																																			
21	38	30	30	.56																																			
22	36	28	28	0																																			
23	38	24	24	0																																			
24	32	18	24	0																																			
25	33	16	16	0																																			
26	25	16	17	.01																																			
27	23	17	21	0																																			
28	22	6	18	.04																																			
29	26	17	11	0																																			
30	22	10	17	0																																			
31	35	16	17	0																																			
SUM			SUM	4.03																																			
CONDITION OF RIVER AT GAGE				CHECK BAR (For wire-weight) NORMAL CK. BAR																	Fog Ice Pel. Glaze Thunder Hail Dam. Winds								OBSERVER	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.				READING				DATE																		David Anderson Jr.													