STATION (Climatological) University of Maryland / WMREC | (River station, if different) | MONTH Jan | 19 91

STATE Maryland | COUNTY Washington | RIVER

TIME (local) OF OBSERVATION RIVER | TEMP. 7:30 AM | PRECIPITATION 7:30 AM | STANDARD TIME IN USE EST

TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO Ft. | FLOOD STAGE Ft. | NORMAL POOL STAGE Ft.

WS FORM E-15 (7-87)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. A.M. NOON P.M. 1 2 3 4 5 6 7 8 9 10 11	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	38	11	18	0														
2	34	11	16	0														
3	45	25	35	0														
4	38	18	18	0														
5	36	16	20	0														
6	38	20	36	R														* Rain & snow mixed. Recorded for
7	39	32	32	.77	2.0	2												Ice 6th & 7th.
8	32	05	05	.19	1.6	4												
9	26	05	26	.19	0	3				X								
10	36	26	33	0	0	3												
11	42	22	22	.18	2.1	3												
12	28	26	28	.66	3.4	6		X										
13	35	28	28	0	0	4												
14	33	11	21	0	0	2												
15	38	21	24	0	0	2												
16	52	23	35	.49	0	0												
17	43	35	39	.30														
18	41	34	36	0														
19	41	28	35	0														
20	51	31	31	0														
21	51	36	36	.09														
22	38	08	10	0														
23	22	08	14	0														
24	38	14	32	0														
25	39	10	15	0														
26	28	09	18	0														
27	36	18	19	0														
28	43	19	41	0														
29	52	24	25	0														
30	51	25	34	0														
31	47	33	33	.21														
SUM	1211	632	SUM	3.08	3.4	X	CHECK BAR (For wire-weight) NORMAL CK. BAR											
				Greatest	9.1		READING	DATE										
									Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM		X	

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.

OBSERVER GARY L. SCHETROMPF

SUPERVISING OFFICE

STATION INDEX NO.

University of Maryland — UMREC — Feb — 19 91

STATE: Maryland | COUNTY: Washington | RIVER:

TIME (local) OF OBSERVATION: RIVER: | TEMP.: 7:30 | PRECIPITATION: 7:30 | STANDARD TIME IN USE: ED

TYPE OF RIVER GAGE: | ELEVATION OF RIVER GAGE ZERO: Ft. | FLOOD STAGE: Ft. | NORMAL POOL STAGE: Ft.

(7-87)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	38	14	23	0													
2	52	23	32	0													
3	62	26	26	0													
4	66	32	35	0													
5	69	35	48	.09													
6	51	45	45	.19													
7	47	39	39	0													
8	47	27	34	0													
9	46	27	30	0													
10	42	28	28	0													
11	35	19	20	0													
12	35	20	32	0													
13	43	32	34	0													
14	46	26	26	.47													
15	28	12	13	0													
16	25	12	26	0													
17	39	26	33	.03													
18	38	32	34	.09													
19	55	34	48	.21													
20	34	24	24	.01													
21	58	24	37	0													
22	62	25	26	0													
23	37	23	23	0													
24	43	23	37	0													
25	44	29	30	.08	.2	0											
26	36	22	23	0	0	0											
27	38	23	23	0													
28	53	23	34	0													
29	—	—	—	—													
30	—	—	—	—													
31	—	—	—	—													
SUM	1289	725	SUM	1.17	.2	X	Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM		X		
				Greatest	.2												

PRECIPITATION: Draw a straight line (——) through hours precipitation was observed, and a waved 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

WEATHER (Calendar Day): Mark 'X' for all types occurring each day.

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

READING	DATE

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.

OBSERVER: G. Schetrompf

SUPERVISING OFFICE:

STATION INDEX NO.

University of Maryland UMREC | March | 19 76

(7-87) NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATE: Maryland | COUNTY: Washington | RIVER:

TIME (local) OF OBSERVATION: TEMP. 7:30 | PRECIPITATION 7:30 | 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. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	Draw a straight line (——) through hours precipitation was observed, and a waved 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	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	62	31	54	*													*
2	69	43	43	*													Rain measured on 3rd - total for
3	63	40	40	.82													the 1st thru 3rd.
4	42	34	34	0													
5	56	33	41	0													
6	54	34	40	.17													
7	43	24	25	0													
8	41	19	23	0													
9	45	24	28	0													
10	43	25	28	0													
11	41	18	22	0													
12				0													Timer Stop
13	33	26	31	0													
14	33	30	33	.17													
15	42	21	30	0													
16	52	32	26	0													
17	58	26	42	.31													
18	52	40	43	.05													
19	49	40	44	0													
20	60	40	45	.05													
21	65	42	46	T													
22	56	40	46	6													
23	50	38	40	0								X					
24			43	1.29													Did not print, No ink
25	56	27	30	0													
26	53	44	45	.31								X					
27	67	44	66	0													
28	68	12	46	.29													
29	55	30	30	.04	1.4	1											
30	41	21	30	0	0												
31	48	30	35	0													
SUM			SUM	3.5													
				Greatest													

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 wire-weight) NORMAL CK. BAR

READING	DATE

	Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM
				3			

OBSERVER G. Schetrompf

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) University of Maryland (River Station, if different) WMREC | MONTH April | 19 91

STATE Maryland | COUNTY Washington | RIVER

TIME (local) OF OBSERVATION RIVER 7:30 | TEMP. 7:30 AM | PRECIPITATION 7:30 AM | STANDARD TIME IN USE E

TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO Ft. | FLOOD STAGE Ft. | NORMAL POOL STAGE Ft.

WS FORM E-15 (7-87)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	51	26	33	.02													
2	47	22	28	0													
3	58	28	43	0													
4	66	43	53	.03													
5	65	39	50	.17													
6	75	49	50	0													
7	83	49	55	0													
8	84	55	64	0													
9	82	52	55	.06						X		X					
10	67	36	40	0													
11	60	30	39	0													
12	59	30	43	.03													
13	43	40	41	.31													
14	43	41	43	.40													
15	56	35	43	.31													
16	74	42	43	0													
17	78	37	38	0													
18	63	38	44	0													
19	50	42	42	.34													
20	45	42	43	.04													
21	47	41	44	.22													
22	54	39	45	0													
23	64	45	49	.05													
24	62	40	40	.10						X							
25	70	40	55	0													
26	74	49	56	0													
27	80	53	63	0													
28	76	53	54	.02													
29	57	51	52	.02													
30	80	43	47	0													
31	—	—	—	—													
SUM	1911	1228	SUM	[illegible]	2.2	X	Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM		X		
				Greatest													

PRECIPITATION — Draw a straight line (———) through hours precipitation was observed, and a waved 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

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 wire-weight) NORMAL CK. BAR

READING	DATE

OBSERVER G. Schettgen

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) University of Maryland (River Station, if different) WMPEC — MONTH May — 19 91

STATE Md — COUNTY Wash. — RIVER

TIME (local) OF OBSERVATION RIVER — TEMP. 730 — PRECIPITATION 730 — STANDARD TIME IN USE E

TYPE OF RIVER GAGE — ELEVATION OF RIVER GAGE ZERO Ft. — FLOOD STAGE Ft. — NORMAL POOL STAGE 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. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	Draw a straight line (———) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. A.M. 1 2 3 4 5 6 7 8 9 10 11 NOON P.M. 1 2 3 4 5 6 7 8 9 10 11	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	79	49	52	.04													
2	67	40	47	.05													
3	66	40	50	0													
4	73	49	59	0													
5	72	56	60	.32													
6	75	43	47	1.07													
7	67	40	45	0													
8	75	53	53	.02													
9	60	46	50	.17													
10	77	53	56	0													
11	74	52	59	0													
12	86	59	64	0													
13	85	57	60	T						X							
14	86	55	57	0													
15	85	55	58	0													
16	81	58	64	0													
17	82	62	66	0													
18	71	48	48	.30													
19	58	48	50	0													
20	66	47	54	0													
21	77	59	61	0													
22	85	63	65	0													
23	85	62	65	0													
24	85	64	64	.05						X							
25	89	64	65	.08						X							
26	87	65	65	~~.09~~													
27	87	65	69	0						X							
28	88	65	69	0													
29	90	65	68	0													
30	91	67	75	0													
31	89	63	68	0													
SUM	2437	1712	SUM	2.20													
CONDITION OF RIVER AT GAGE				Greatest				Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM			

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

READING	DATE

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.

OBSERVER Schaetrompf

SUPERVISING OFFICE

STATION INDEX NO.

University of Maryland, WMREC | June | 19 91

STATE: Maryland | COUNTY: Washington | RIVER:

TIME (local) OF OBSERVATION: RIVER 8 | TEMP. 7:30 | PRECIPITATION 7:30 | STANDARD TIME IN USE E

TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO Ft. | FLOOD STAGE Ft. | NORMAL POOL STAGE Ft.

(7-87)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	Draw a straight line (———) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. A.M. 1 2 3 4 5 6 7 8 9 10 11 NOON P.M. 1 2 3 4 5 6 7 8 9 10 11	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	87	62	65	0													
2	86	64	66	.10													
3	83	60	63	.02													
4	76	48	57	0													
5	73	44	50	0													
6	75	44	61	0													
7	80	48	56	0													
8	83	51	61	0													
9	88	56	65	0													
10	91	64	68	0													
11	90	65	67	0													
12	86	52	66	0													
13	82	44	60	0													
14	88	56	62	0													
15	96	71	76	0													
16	97	68	70	.47													
17	88	67	67	.14													
18	70	61	62	.24													
19	74	57	62	0													
20	87	61	76	0													
21	92	67	72	0													
22	79	60	61	0													
23	65	50	56	.28													
24	78	50	56	0													
25	80	51	66	0													
26	80	56	60	0													
27	86	59	70	0													
28	94	67	77	0													
29	94	68	79	0													
30	94	71	71	0													
31	~~82~~	~~69~~	~~72~~	~~0~~													
SUM	~~2604~~ 2522	~~1810~~ 1741	SUM	1.27													
	Greatest																

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

READING	DATE

SUM: Fog | Ice Pel. | Glaze | Thund | Hail | Dam. Winds | SUM

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.

OBSERVER: JCHETROMPF

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) University of Maryland (River station, if different) WMREE | MONTH July | 19 91

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 Ft. | FLOOD STAGE Ft. | NORMAL POOL STAGE 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. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, on ground (ins.)	Draw a straight line (——) through hours precipitation was observed, and a waved 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	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	82	69	72	0							X						
2	87	64	67	.27				X			X						
3	83	66	66	0													
4	74	66	69	.18							X						
5	80	63	65	.42													
6	91	65	74	0				X									
7	93	68	70	.02				X									
8	91	69	71	0													
9	85	58	62	T													
10	78	61	62	.01				X									
11	88	56	60	0													
12	85	60	69	.57													
13	90	65	70	0													
14	84	53	58	0													
15	85	54	57	0													
16	91	57	66	0													
17	93	65	70	0													
18	95	69	72	0													
19	95	69	71	0													
20	96	68	71	0													
21	99	69	72	0													
22	95	71	73	.57				X									
23	98	66	68	0													
24	88	69	70	0													
25	87	70	72	0													
26	80	66	70	0													
27	86	58	64	0													
28	87	62	64	.20													
29	75	63	64	.03													
30	74	64	65	0													
31	87	54	57	0													
SUM	2702	1977	SUM	2.27													
				Greatest													

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 wire-weight) NORMAL CK. BAR

READING	DATE

	Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds
SUM						

OBSERVER J. SCHETROMPF

SUPERVISING OFFICE

STATION INDEX NO.

University of Maryland WMREC | Aug | 19 91

STATE: Maryland | COUNTY: Washington | RIVER:

TIME (local) OF OBSERVATION RIVER: | TEMP.: 7:30 | PRECIPITATION: 7:30 | STANDARD TIME IN USE: E

TYPE OF RIVER GAGE: | ELEVATION OF RIVER GAGE ZERO: Ft. | FLOOD STAGE: Ft. | NORMAL POOL STAGE: Ft.

(7-87) NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets hail (ins. and tenths)	At Ob. Snow, ice pellets hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	93	64	68	0													
2	100	66	70	0													
3	97	70	72	0													
4	86	61	63	.01													
5	83	50	53	0													
6	86	69	70	0													
7	79	60	62	.05													
8	87	66	68	.23													
9	83	65	69	.10													
10	86	56	66	0													
11	85	54	58	0													
12	88	55	58	0													
13	89	61	68	0													
14	90	67	67	0													
15	84	61	63	.27													
16	90	62	68	0													
17	91	69	71	0													
18	89	67	70	.34													
19	86	61	65	2.54							X	X					
20	80	56	61	0													
21	75	54	56	0.51													
22	83	60	62	0													
23	86	61	66	0													
24	86	66	68	0													
25	77	63	63	0													
26	79	60	63	0													
27	85	66	69	0													
28	89	65	67	0													
29	93	65	66	0													
30	95	70	72	0													
31	90	54	56	0													
SUM	2598	1625	SUM	4.05		X											
				Greatest			Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM			X	

Precipitation: Draw a straight line (——) through hours precipitation was observed, and a waved 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

Weather (Calendar Day): Mark 'X' for all types occurring each day.

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 wire-weight) NORMAL CK. BAR

READING	DATE

OBSERVER

SUPERVISING OFFICE

STATION INDEX NO.

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

STATION (Climatological) University of Maryland WMREC (River Station, if different) | MONTH Sept. | 19 91

STATE Maryland | COUNTY Washington | RIVER

TIME (local) OF OBSERVATION RIVER | TEMP. 7:30 | PRECIPITATION 7:30 | STANDARD TIME IN USE E

TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO Ft. | FLOOD STAGE Ft. | NORMAL POOL STAGE Ft.

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	Draw a straight line (———) through hours precipitation was observed, and a waved 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	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	75	47	52	0															
2	73	51	53	0															
3	79	60	64	0															
4	81	60	62	2.0								X							
5	80	60	63	.05															
6	73	54	56	0															
7	80	56	58	0															
8	86	58	59	0															
9	83	59	64	0															
10	79	65	66	.10															
11	79	55	56	0															
12	75	50	51	0															
13	80	56	68	0															
14	84	66	67	0															
15	81	66	70	0															
16	91	70	71	0															
17	90	64	67	0															
18	83	66	67	3.95								X	X	X					
19	66	41	41	.03															
20	63	37	37	0															
21	62	37	38	0															
22	68	55	55	0															
23	63	45	45	.13															
24	65	45	57	.42															
25	~~68~~	~~38~~	~~40~~	0															61/45/46
26	68	39	40	0															
27	63	34	38	0															
28	66	31	43	0															
29	78	41	41	0															
30	66	41	53	0															
31	—	—	—	—															
SUM	2241	1561	SUM	6.68															
				Greatest															

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 wire-weight) NORMAL CK. BAR

READING	DATE

	Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds
SUM						

OBSERVER

SUPERVISING OFFICE

STATION INDEX NO.

Maryland WMREC | Oct 19 91 | (7-87)

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATE	COUNTY	RIVER
Maryland	Washington	

TIME (local) OF OBSERVATION RIVER	TEMP.	PRECIPITATION	STANDARD TIME IN USE
	7:30	to 7:30	D E

TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE
	Ft.	Ft.	Ft.

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (Ins. and hundredths)	Snow, ice pellets, hail (Ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (Ins.)
1	75	52	54	0		
2	80	53	62	0		
3	81	56	57	0		
4	81	60	61	0		
5	79	50	50	2.61		
6	60	38	41	0		
7	55	31	32	0		
8	62	36	36	0		
9	67	36	41	0		
10	71	41	51	.20		
11	55	38	38	.38		
12	57	38	40	6		
13	56	32	32	6		
14	60	32	52	0		
15	69	45	45	.25		
16	56	39	42	0		
17	48	33	34	.37		
18	71	34	51	0		
19	74	29	32	0		
20	52	28	28	0		
21	54	33	36	0		
22	68	36	45	0		
23	70	45	57	0		
24	61	53	57	0		
25	70	56	57	0		
26	68	55	55	0		
27	72	55	55	0		
28	62	29	32	0		
29	58	24	35	0		
30	63	31	45	0		
31	64	34	44	0		
SUM	2020	1252	SUM	3.81		
			Greatest			

PRECIPITATION: Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved.

A.M. NOON P.M.

WEATHER (Calendar Day): Mark 'X' for all types occurring each day. Fog | Ice Pellets | Glaze | Thunder | Hail | Damaging Winds

Time of observation if different from above

RIVER STAGE: CONDITION | GAGE READING AT ____ A.M. | TENDENCY

REMARKS (Special observations, etc.,)

Fog | Ice Pel. | Glaze | Thund. | Hail | Dam. Winds | SUM

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

READING	DATE

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.

OBSERVER [illegible]

SUPERVISING OFFICE

STATION INDEX NO.

(7-67) NATIONAL OCEANIC ... NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATE: Maryland | COUNTY: Washington | RIVER: Nov | 19 91

TIME (local) OF OBSERVATION: TEMP. 7:30 AM | PRECIPITATION 7:30 AM | STANDARD TIME IN USE: E

TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO Ft. | FLOOD STAGE Ft. | NORMAL POOL STAGE Ft.

University of Maryland WIMREL

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)
1	63	44	49	0		
2	59	27	38	0		
3	50	31	31	0		
4	35	20	22	0		
5	40	19	23	0		
6	49	26	30	0		
7	45	30	32	0		
8	37	~~30~~23	~~34~~25	0		
9	39	25	30	0		
10	39	30	38	.70		
11	42	32	34	0		
12	46	33	36	.07		
13	46	[illegible]27	[illegible]38	00		
14	61	28	46	0		
15	73	56	57	0		
16	60	27	32	0		
17	50	22	23	0		
18	51	38	39	0		
19	65	[illegible]45	47	0		
20	74	47	62	0		
21	65	58	58	.83		
22	62	45	45	.43		
23	49	42	46	0		
24	46	32	32	0		
25	36	23	25	0		
26	37	15	15	0		
27	39	15	36	0		
28	55	36	48	0		
29	70	45	46	0		
30	65	46	54	.20		
31	—	—	—			
SUM	1563	987	SUM	2.23		

PRECIPITATION — Draw a straight line (———) through hours precipitation was observed, and a waved 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

WEATHER (Calendar Day) — Mark 'X' for all types occurring each day.

Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above

RIVER STAGE

CONDITION	GAGE READING AT ___ A.M.	TENDENCY

REMARKS (Special observations, etc.,)

Min. 23 at Obs. - 25

Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM

CONDITION OF RIVER AT GAGE — Greatest

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 wire-weight) NORMAL CK. BAR

READING	DATE

OBSERVER G. SCHETROMPF

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) University of Maryland (River Station, if different) WMDEC | MONTH Dec | 19 91

STATE Maryland | COUNTY Washington | RIVER

TIME (local) OF OBSERVATION RIVER | TEMP. 7:30 | PRECIPITATION 7:30 | STANDARD TIME IN USE E

TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO Ft. | FLOOD STAGE Ft. | NORMAL POOL STAGE 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. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (Ins. and hundredths)	Snow, ice pellets, hail (Ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (Ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	56	47	~~20~~	.20													At Obsn. 47
2	47	37	~~132~~	1.32													At Obsn. 38
3	42	29	29	.02	.2	T											
4	30	17	18	T	T	T											
5	32	29	29	0													
6	46	23	29	0													
7	56	29	44	0													
8	60	44	53	0													
9	61	35	35	.69													
10	47	25	26	0													
11	51	26	29	0													
12	49	29	48	0													
13	~~60~~	~~39~~	~~39~~	.20													MAX 57 Mn 48 At Obs. 57
14	60	37	37	.03													
15	38	20	20	T	T	T											
16	20	27	30	0													
17	40	30	31	0													
18	35	14	15	0													
19	30	08	08	0													
20	~~40~~	12	40	0													
21	45	27	32	0													
22	49	23	32	.01													
23	39	~~32~~	33	0.13													
24	37	23	33	0													
25	40	16	21	0													
26	40	21	25	0													
27	41	17	17	0													
28	32	17	~~32~~	1.31													
29	42	32	38	0													
30	43	17	17	0													
31	36	14	14	0													
SUM	1341	805	SUM	3.91	.20								SUM				
				Greatest	.20												

PRECIPITATION — Draw a straight line (——) through hours precipitation was observed, and a waved 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

WEATHER (Calendar Day) — Mark 'X' for all types occurring each day.

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 wire-weight) NORMAL CK. BAR

READING	DATE

OBSERVER R. Siketromp F.

SUPERVISING OFFICE

STATION INDEX NO.