STATION (Climatological) University of Md WMREC | MONTH Jan | 19 88

WS FORM E-15 (10-77)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

RIVER	TYPE OF RIVER GAGE	COUNTY
		Washington

TIME (local) OF OBSERVATION RIVER	TEMPERATURE	PRECIPITATION	STANDARD TIME IN USE
	8 AM	8 AM	ED

STATE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE
Maryland	Ft.	Ft.	Ft.

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	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)	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & 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 Obsn. if different from above
1				35	9	35		0	0								
2				42	19	19		0	0								
3				30	9	16		0	0								
4				28	16	23		0	0								
5				40	13	13		0	0								
6				18	8	8		0	0								
7				18	4	8		0	0								
8				19	12	17		.25	4.0	4							
9				25	19	22		.04	.3	4							
10				30	3	19		0	0	4							
11				32	-6	-6		0	0	3							
12				30	-3	1		0	0	3							
13				36	30	35		0	0	2							
14				43	13	14		0	0	1							
15				22	12	12		0	0	1							
16				26	8	9		0	0	1							
17				41	28	28		0	0	T							
18				41	38	40		.15	0								
19				29	28	28		0	0								
20				42	28	38		1.25	0								
21				41	33	33		.02	0								
22				46	31	31		0	0								
23				37	24	30		0	0								
24				39	26	32		0	0								
25				50	34	36		.01	0								
26				36	18	18		.55	2.0	2							
27				17	6	7		0	0	1							
28				30	6	10		0	0	1							
29				33	12	15		0	0	1							
30				33	19	28		0	0	1							
31				46	28	40		0	0								
SUM								SUM 2.27	6.3								
								Greatest 1.25	4.0								

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

DATE	TIME OF OBSERVATION	PRECIPITATION SINCE 7 A.M.	RIVER: STAGE	RIVER: TENDENCY	CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION

IF MORE SPACE IS NEEDED, USE AODITIONAL FORM

REMARKS

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.

Fog	Ice Pel.	Glaze	Thun-der	Hail	Damag winds

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER C L Schuteman

STATION (Climatological) University of Md (River Station, if different) WMREC MONTH Feb. 19 88

RIVER | TYPE OF RIVER GAGE | COUNTY

TIME (local) OF OBSERVATION RIVER | TEMPERATURE 8 AM | PRECIPITATION 8 AM | STANDARD TIME IN USE ED

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

WS FORM E-15 (10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	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	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundreths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & 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 Obsn. if different from above
1				58	46	49		.04									
2				67	55	58		0									
3				58	32	32		.33									
4				39	33	38		.05									
5				40	24	24		.08									
6				33	8	13		0									
7				18	5	17		0									
8				30	17	29		0									
9				37	17	17		0									
10				39	17	28		0									
11				42	27	32		.23	T	T							
12				42	32	32		0									
13				35	18	19		6									
14				25	11	24		0									
15				41	24	40		0									
16				46	35	35		.30									
17				40	23	23		0									
18				53	30	31		0									
19				53	35	39		0									
20				49	34	49		.25									
21				32	22	25		0									
22				30	26	21		6									
23				50	26	40		0									
24				30	28	28		0									
25				36	20	24		0									
26				34	22	25		0									
27				38	28	32											
28				44	31	31											
29				44	24	28											
30																	
31																	
SUM								SUM 1.28									
								Greatest 33									

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

DATE	TIME OF OBSERVATION	PRECIPITATION SINCE 7 A.M.	RIVER: STAGE	RIVER: TENDENCY	CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

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

SUPERVISING OFFICE

OBSERVER

STATION INDEX NO.

STATION (Climatological) University of Md (River Station, if different) WMREC MONTH March 19 88

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE 8 AM | PRECIPITATION 5 PM | STANDARD TIME IN USE ED

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

(10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINIS
NATIONAL WEATHER SE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	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	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & 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 Obsn. if different from above
1				49	23	25		0									
2				48	22	25		0									
3				60	40	44		0									
4				50	40	40		.18									
5				43	37	38		.76									
6				46	21	43		0									
7				59	30	40		0									
8				58	26	28		0									
9				58	40	40		0									
10				60	41	41		.01									
11				51	24	28		0									
12				58	34	52		0									
13				67	48	52		.05									
14				56	32	33		0									
15				36	22	28		0									
16				35	25	34		0									
17				41	29	32		0									
18				43	26	32		0									
19				44	29	38		0									
20				45	30	38		.01									
21				40	26	26		0									
22				40	14	22		0									
23				44	26	34		0									
24				63	40	56		0									
25				78	48	57		0									
26				74	51	54		.60									
27				60	42	42		.01									
28				47	29	40		0									
29				60	41	49		0									
30				73	46	49		0									
31				72	47	50		0									
SUM								1.62									
Greatest								.76									

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

DATE	TIME OF OBSERVATION	PRECIPITATION SINCE 7 A.M.	RIVER: STAGE	RIVER: TENDENCY	CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

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.

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER W. C. Scheuermann

STATION (Climatological): University of Md. | (River station, Particular): WMREC | MONTH: April | 19 88

(10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

RIVER	TYPE OF RIVER GAGE	COUNTY
		Washington

TIME (local) OF OBSERVATION RIVER	TEMPERATURE	PRECIPITATION	STANDARD TIME IN USE
	8AM	8AM	E

STATE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE
Maryland	Ft.	Ft.	Ft.

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F. AT OBSN.	PRECIPITATION (Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably accurred 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)	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundreths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & 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 Obsn. if different from above
1				66	52	53		.04									
2				63	48	56		0									
3				69	52	56		0									
4				72	56	62		.02									
5				78	41	42		.09									
6				80	49	50		0									
7				69	44	44		1.03									
8				50	46	49		.74									
9				52	42	46		.14									
10				58	34	50		0									
11				64	32	32		0									
12				63	36	44		0									
13				48	35	36		0									
14				57	35	34		0									
15				56	35	36		.01									
16				63	34	38		0									
17				54	30	54		0									
18				69	50	56		0									
19				56	32	33		.38									
20				52	28	34		0									
21				60	38	51		0									
22				56	31	32		0									
23				63	42	49		0						X			
24				64	48	50		.31									
25				53	35	37		0									
26				63	30	38		0									
27				68	45	49		0						X			
28				72	36	40		.20									
29				53	37	46		.01									
30				52	46	49		0									
31																	
SUM			X			X				X							
							SUM	2.97									
							Greatest	1.03									

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

DATE	TIME OF OBSERVATION	PRECIPITATION SINCE 7 A.M.	RIVER STAGE	RIVER TENDENCY	CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

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.

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER [signature]

STATION (Climatological): University of Md | (River station, if different): WMREC | MONTH: May | 19 88

RIVER | TYPE OF RIVER GAGE | COUNTY: Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE: 8 AM | PRECIPITATION: 8 AM | STANDARD TIME IN USE: E

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

W3 FORM E-10 (10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	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	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & 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 Obsn. if different from above
1				58	32	52		0									
2				65	39	36		0									
3				62	40	44		0									
4				63	50	51		0									
5				59	53	56		.35						X			
6				62	56	58		.87						X			
7				62	45	48		.24						X			
8				79	49	60		0									
9				72	50	51		0									
10				70	50	61		.09						X			
11				79	52	54		.21						X			
12				71	40	47		0									
13				74	52	59		0									
14				84	55	64		0									
15				70	61	64		0									
16				75	61	62		.13						X			
17				72	58	60		.88			X			X	X		
18				76	58	60		1.15						X			
19				66	56	59		.90						X			
20				66	59	59		.40						X			
21				67	55	58		.81						X			
22				74	54	61		.01									
23				80	62	66		0									
24				84	60	62		.47						X			
25				77	54	54		.67									
26				62	38	44		.03									
27				79	43	50		0									
28				77	56	67		0									
29				82	59	71		0									
30				87	57	74		0									
31				90	57	69		0									
SUM			X			X		SUM 7.21		X							
								Greatest 1.15									

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES: DATE	TIME OF OBSERVATION	PRECIPITATION SINCE 7 A.M.	RIVER: STAGE	RIVER: TENDENCY	CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

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

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER Gary Schetrompf

STATION (Climatological): University of Maryland (River Station, if Different): WMREC | MONTH: June | 19 88

(10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

RIVER	TYPE OF RIVER GAGE	COUNTY
		Washington

TIME (local) OF OBSERVATION RIVER	TEMPERATURE	PRECIPITATION	STANDARD TIME IN USE
	8 AM	8 AM	E

STATE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE
Maryland	Ft.	Ft.	Ft.

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F. AT OBSN.	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.)	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundreths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & 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 Obsn. if different from above
1				89	58	65		0									
2				90	53	53		.16									
3				66	51	52		0									
4				62	44	59		0									
5				66	42	67		0									
6				80	66	70		0									
7				87	63	75		0									
8				90	59	61		0									
9				76	49	49		.81						X			
10				64	40	46		.28									
11				66	41	63		0									
12				74	48	73		0									
13				84	55	62		0									
14				90	58	63		0									
15				92	60	64		0									
16				92	63	70		0									
17				91	64	69		.04									
18				78	62	71		0									
19				85	60	76		0									
20				86	69	72		0									
21				91	69	72		0									
22				94	70	74		0									
23				98	74	77		0									
24				88	53	58		0									
25				78	58	73		0									
26				84	74	82		0									
27				85	48	55		0									
28				78	46	56		0									
29				82	61	70		0									
30				82	46	64		0									
31																	
SUM			X			X				X							
							SUM	1.29			Fog	Ice Pel.	Glaze	Thunder	Hail	Damag winds	
							Greatest	.81									

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

DATE	TIME OF OBSERVATION	PRECIPITATION SINCE 7 A.M.	RIVER STAGE	RIVER TENDENCY	CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

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.

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER Gary Schetrompf

STATION (Climatological) University of Maryland WMRE&T | July 19 22

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE 5 AM | PRECIPITATION 8 AM | STANDARD TIME IN USE E

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

(10-77) NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	PRECIPITATION: 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	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundreths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & 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 Obsn. if different from above
1				75	40	62		0									
2				72	43	69		0									
3				81	49	72		0									
4				88	60	78		0									
5				90	60	66		0									
6				92	65	71		0									
7				96	66	79		0									
8				100	69	79		0									
9				99	70	81		0									
10				98	67	82		.02				X					
11				100	68	71		.43				X					
12				95	69	70		1.35				X					
13				81	66	68		.05									
14				90	70	74		0									
15				93	75	79		0									
16				95	68	79		0									
17				103	75	78		0									
18				97	69	74		0									
19				92	71	72		.67				X					
20				85	73	74		0									
21				88	72	74		1.05				X					
22				84	67	68		.16				X					
23				84	69	71		0									
24				79	64	68		.19									
25				86	65	67		0									
26				85	68	69		0									
27				84	62	66		.08									
28				83	65	68		.03									
29				88	69	70		0									
30				95	71	77		0									
31				95	67	75		.35				X					
SUM		X			X			4.28		X		X					
Greatest								1.35									

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

DATE	TIME OF OBSERVATION	PRECIPITATION SINCE 7 A.M.	RIVER: STAGE	RIVER: TENDENCY	CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

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

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER Gary Schetrompf

STATION (Climatological): University of Maryland WMREC | Aug 19 05

(10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

RIVER	TYPE OF RIVER GAGE	COUNTY
		Washington

TIME (local) OF OBSERVATION RIVER	TEMPERATURE	PRECIPITATION	STANDARD TIME IN USE
	8 Am	8 am	E

STATE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE
Maryland	Ft.	Ft.	Ft.

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F. AT OBSN.	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.)	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundreths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & 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 Obsn. if different from above	SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES: DATE	TIME OF OBSERVATION	PRECIPITATION SINCE 7 A.M.	RIVER: STAGE	RIVER: TENDENCY	CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION
1				89	66	70		0															
2				90	69	72		0															
3				92	71	74		0															
4				88	73	74		0															
5				89	72	74		0															
6				90	73	75		0															
7				89	69	70		.45						X									
8				89	63	67		0															
9				92	59	62		0															
10				92	62	73		0															
11				91	69	72		0															
12				94	74	78		0															
13				96	74	75		0															
14				95	73	79		0															
15				95	75	77		0															
16				101	62	64		.25						X									
17				92	63	64		0															
18				100	64	72		.12															
19				87	62	62		.48															
20				76	64	66		0															
21				68	64	67		.46															
22				81	52	53		0															
23				76	58	64		0															
24				74	73	73		1.93															
25				82	57	60		0															
26				79	59	59		0															
27				86	60	62		0															
28				86	66	71		0															
29				86	69	72		.37															
30				74	64	64		.31															
31				77	50	51		0															
SUM			X			X																	
							SUM	4.37		X	Fog	Ice Pel.	Glaze	Thunder	Hail	Damag winds							
							Greatest	1.93															

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

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.

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER G. Schetrompf

WS FORM E-15 (7-79)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological): University of Maryland (River Station, if different): WMREC
MONTH: Sept 19 88
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER: TEMP. 8 AM PRECIPITATION 8 AM
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	79	50	50	0													
2	80	50	50	0													
3	78	51	56	0													
4	79	56	68	.45													
5	74	60	65	.32													
6	72	43	47	0													
7	67	40	42	0													
8	71	42	42	0													Max temp 71° Temp at present 42°
9	72	42	50	0													
10	78	55	60	0													
11	81	49	56	0													
12	82	47	48	0													
13	74	48	68	.18													
14	83	49	50	.01													
15	76	46	46	0													
16	71	40	41	0													
17	69	41	55	0													
18	64	55	64	.51													
19	79	59	59	0													
20	81	59	69	0													
21	81	57	58	.29													
22	70	58	59	0													
23	74	60	63	0													
24	84	56	56	0													
25	68	50	51	.87													
26	56	52	52	.07													
27	72	44	45	0													
28	73	45	49	0													
29	79	49	52	0													
30	56	52	56	0													
31																	
SUM			SUM	2.70				SUM									
				Greatest	.87												

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: Gary Schetrompf

SUPERVISING OFFICE

STATION INDEX NO.

WS FORM E-15
(7-79)

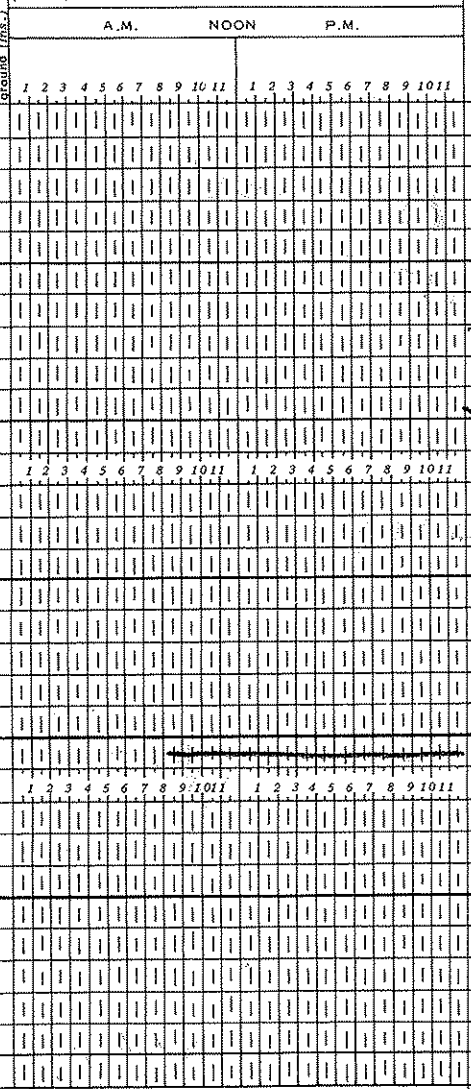
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological): University of Maryland WMREC (River Station, if different)
MONTH: Oct 19 88
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.: 8AM
PRECIPITATION: 8AM
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.)
1	73	54	59	0		
2	76	56	58	0.15		
3	74	54	55	0		
4	65	51	54	.01		
5	66	40	40	0		
6	57	32	33	0		
7	57	31	35	0		
8		28		0		
9				0		
10			44	0		
11	65	41	48	.03		
12	60	38	38	0		
13	50	28	30	0		
14	48	26	30	0		
15	60	32	33	0		
16	73	39	40	0		
17	75	44	44	0		
18	72	54	54	0		
19	65	36	36	.12		
20	58	29	33	0		
21	57	30	40	0		
22	51	41	43	.80		
23	51	44	44	0		
24	59	45	45	.12		
25	57	35	42	0		
26	57	32	32	0		
27	51	21	21	0		
28	55	21	42	0		
29	61	28	34	0		
30	53	30	36	0		
31	50	22	24	0		
SUM				1.23		
Greatest				.80		

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



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

DATE	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							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
SUM	Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	

Weather station not functioning

RIVER STAGE

DATE	CONDITION	GAGE READING AT ___ A.M.	TENDENCY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

REMARKS (Special observations, etc.,)

6 Light Frost
7 Light Frost
8 Killing Frost
13 Light Frost
14 Killing Frost
27 Hard frost
31 Hard frost

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
(7-79)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological): University of Maryland (River Station, if different):
MONTH: Nov 19 88
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP: 8 AM
PRECIPITATION: 8 AM
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.)
1	50	23	39	.02		
2	53	33	41	T		
3	48	33	34	.02		
4	57	34	48	.01		
5	69	48	58	0		
6	63	39	42	0		
7	59	40	40	.96		
8	46	31	36	0		
9	58	36	46	0		
10	56	39	47	0		
11	58	44	46	0		
12	53	24	34	0		
13	50	34	45	0		
14	62	32	33	.49		
15	67	32	33	0		
16	63	33	52	0		
17	68	48	48	.30		
18	54	30	46	0		
19	54	30	44	0		
20	45	40	43	0		
21	60	43	48	1.38		
22	49	25	26	0		
23	47	24	28	0		
24	53	22	30	0		
25	49	24	34	0		
26	52	27	38	0		
27	61	38	55	0		
28	64	44	44	.35		
29	48	38	38	0		
30	46	27	29	0		
31						
SUM	1662	1015	SUM	3.53		
				Greatest	1.38	

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.

DATE	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							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
SUM							

RIVER STAGE

DATE	CONDITION	GAGE READING AT ___A.M.	TENDENCY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			

REMARKS (Special observations, etc.,)

Precip for the 5th & 6th & 7th combined & recorded on the 7th

Precip. for the 20th & 21st combined & recorded on the 21st

Precip for the 27th & 28th combined & recorded on the 28th

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: G. Schetrompf

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) University of Maryland (River Station, if different) WMREC | MONTH Dec | 19 88

STATE Maryland | COUNTY Washington | RIVER

TIME (local) OF OBSERVATION RIVER | TEMP. 8 AM | PRECIPITATION 8 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 (7-79)

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) 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	32	29	35	0													
2	44	27	34	0													
3	45	30	35	0													
4	65	30	36	0													
5	42	28	35	0													
6	49	25	31	0													
7	58	36	36	0													
8	52	32	37	0													
9	44	31	31	T	T	T											
10	37	18	22	.11													
11	34	21	22	0													
12	27	8	8	0													
13	22	8	15	0													
14	24	16	20	0													
15	47	20	44	0													
16	47	18	18	0													
17	30	18	24	0													
18	32	16	22	0													
19	30	22	22	0													Max 30 Min 22
20	30	20	28	0													
21	60	28	50	0													
22	48	24	24	.23													
23	42	24	34	.13													
24	39	30	39	0													
25	48	36	42	0													
26	48	26	28	0													
27																	Malfunction 27th thru the 28th
28																	
29																	
30																	
31																	
SUM			SUM	.47			Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM			X	
				Greatest	.23												

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. Share ice.
G. Floating ice.
H. Pool stage.

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

READING	DATE

OBSERVER E. Schetrompf

SUPERVISING OFFICE

STATION INDEX NO.