STATION (Climatological)	(River Station, if different)	MONTH	19
U. of Md WMREC		JAN	87

RIVER	TYPE OF RIVER GAGE	COUNTY

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

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

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

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F.: MIN.	AT OBSN.	PRECIPITATION 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				44	26		0	3.8														
2				35	30		.46		2.5													
3				40	35		0		1.5													
4				42	15		0		1.5													
5				40	10		0		1.5													
6				39	12		0		1.3													
7				41	29		0		T													
8				48	36		0		0													
9				41	36		.17	2.0	.													Depth an Approximation
10				44	34		0		T													
11				38	32		0		0													
12				40	36		0															
13				41	36		0															
14				46	26		0															
15				60	47		.12															
16				57	34		0															
17				46	24		0															
18				34	31		↓				X											
19				36	31		.46				X											
20				40	35		.75															
21				38	31		0															
22				37	28		.07	.6	.6													
23				31	22		.75	9.0	8.0													
24				28	1		0		6.5													
25				23	0		0		5.0													
26				25	17		.19	2.5	7.0													
27				28	-12		0		6.0													
28				30	-6		0		3.5													
29				32	-6		0		3.0													
30				40	11		.07	2.0	5.0													
31				44	33		0		5.0													
SUM			X			X	3.04		X	Fog	Ice Pel.	Glaze	Thunder	Hail	Damag winds							
							Greatest .75															

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 1 2 3 4 5 6 7 8 9 10 11 P.M.

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

Rain measured for the 19th is a two day total for the 18th and 19th.

For the 23rd the snow was blowing and drifting

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. L. Schetrompf

STATION (Climatological)	(River Station, if different)	MONTH	19
U of Md	WMREC	Feb	87

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.

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

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.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	PRECIPITATION 24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & tenths)	PRECIPITATION 24-HR AMOUNTS: 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				37	22		0		4.5							
2				46	34		0		4.5							
3				52	28		0		2.0							
4				48	34		0									
5				44	28		0									
6				44	20		0									
7				52	26		0									
8				49	26		0									
9				50	24		T									
10				33	24		0									
11				46	24		0									
12				48	27		0									
13				42	32		.03	0	0		X					
14				42	21		0									
15				34	19		0									
16				28	14		0									
17				30	13		0									
18				38	30		0									
19				44	14		0									
20				44	15		0									
21				44	25		0									
22				47	20		0									
23				48	31		1.16	14.0	14.0							
24				42	31				9.0							
25				45	12				4.0							
26				44	13				3.5							
27				48	26				2							
28				38	34				0							
29																
30																
31																
SUM							1.19	14.0								
							Greatest 1.16	14.0								

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 1 2 3 4 5 6 7 8 9 10 11 P.M.

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
					Snow, Sleet & Rain

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

4th Snow on ground patchy

23rd Lightning during snow storm

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 C. L. Schlemmer

STATION (Climatological)	(River Station, if different)	MONTH	19
U of Md	WMREC	March	87

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.

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

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 haurs 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				48	35			.82															
2				60	45			0															
3				49	34			0															
4				53	29			0															
5				36	18			0															
6				46	22			0															
7				60	36			0															
8				74	35			0															
9				74	52			0															
10				68	19			0															
11				36	14			0															
12				38	24			0															
13				48	27			0															
14				46	18			0															
15				47	34			T															
16				42	33			0															
17				46	24			0															
18				55	18			0															
19				60	30			0															
20				58	24			0															
21				60	34			March 17															
22				52	44			0															
23				55	24			0															
24				63	33			0															
25				69	29			0															
26				56	44			.05															
27				69	39			0															
28				66	34			0															
29				68	44			0															
30				75	42			.14															
31				59	55			.11															
SUM								1.12															
							Greatest	.82															

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS
S Snow Flurries on the 15th.

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 David T. Lilyard Jr.

STATION (Climatological)	(River Station, if different)	MONTH	19
U of Md.	WMREC	Apr. 1	87

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.

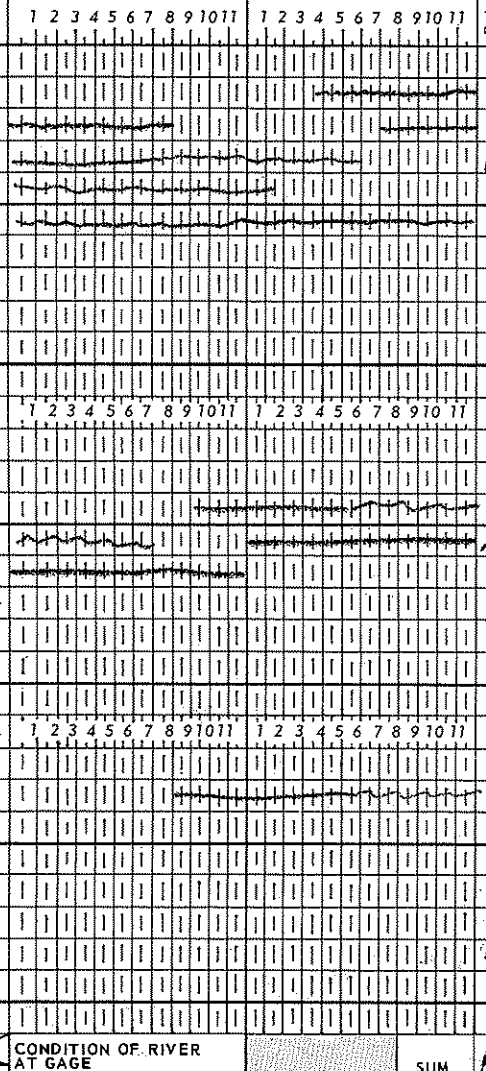
WS FORM E-15 (10-77)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	MIN.	AT OBSN.	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundreths)	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				69	38		.57							X		
2				50	24		0									
3				54	35		.33	T								
4				46	38		1.32									
5				51	38		.80									
6				42	35		.40	1.25	1.25							
7				46	35		.37		0							
8				59	36		0									
9				63	34	37	0									
10				62	28	30	0									
11				72	34		0									
12				73	38		.03									
13				62	49	50	0									
14				64	38	47	0									
15				65	46	49	0									
16				51	43	44	.24									
17				51	44	49	.64									
18				60	51	~~40~~	.10									
19				67	46		0									
20				76	49		0									
21				75	47	53	0									
22				79	48	50	0									
23				82	49	49	0									
24				61	50	53	0									
25				61	48		.11									
26				63	30	42	0									
27				67	35	45	0									
28				65	35	39	0									
29				58	29	39	.02									
30				82	37	47	0									
31																
SUM			X			X	SUM 4.93		X	Fog	Ice Pel.	Glaze	Thun-der	Hail	Damag winds	
							Greatest 1.32									

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



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
					Snow, mixed Rain
					Rain, Snow Flurries

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 L Schultz

STATION (Climatological)	(River Station, if different)	MONTH	19
U. of Md	WARFC	May	82

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.

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

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	MIN.	AT OBSN.	PRECIPITATION (Draw a straight line (——) through hours precipitation was observed, and a waved line (~~) through hours precipitation probably occurred unobserved.)	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundreths)	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				62	38	41		0									
2				72	48			0									
3				67	50			.16									
4				73	45	45		.74									
5				54	31	32		.41									
6				67	31	42		0									
7				76	39	45		0									
8				80	44	44		.02									
9				81	35	45		0									
10				81	52			0									
11				91	52	58		0									
12				88	58	64		0									
13				87	49	51		.22						X			
14				68	49	51		0									
15				71	51	60		.13									
16				81	42			0									
17				74	47			0									
18				88	53			0									
19				92	63	64		.76						X			
20				64	45	46		.39									
21				67	45	51		.06									
22				70	51	56		.01									
23				80	64			0									
24				86	67			.10									
25				84	64			0									
26				70	56	57		0									
27				67	59	59		.03									
28				72	59	63		0									
29				76	57	64		0									
30				94	68			0									
31				96	70			0									
SUM			X			X		2.99 / 3.21		X							
								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 G. Schatzmann

STATION (Climatological)	(River Station, if different)	MONTH	
University of MD	WMREC	June	1987
RIVER	TYPE OF RIVER GAGE	COUNTY	
		Wash	
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
MD	Ft.	Ft.	Ft.

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

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F: MIN.	TEMPERATURE °F: AT OBSN.	PRECIPITATION: 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				89	65		0									
2				90	61	61	.44						X			
3				88	61	67	0									
4				84	67	68	.11						X			
5				77	49	57	.03						X			
6				82	55		0									
7				80	56		0									
8				95	64	69	0									
9				92	64	68	.02						X			
10				86	46	49	.12						X			
11				76	42	42	0									
12				82	60	65	0									
13				78	60		.08									
14				89	58	59	.39						X			
15				92	59	69	.05									
16				97	59	70	0									
17				84	56	61	0			X						
18				86	56	65	0									
19				90	63	67	0									
20				97	66	70	.39									
21				93	66	70	.01									
22				90	66	71	0									
23				90	68	71	T									
24				88	68		0									
25				87	58		0									
26				90	70		0									
27				78	54	66	.38									
28				85	49		0									
29				86	50	66	0									
30				87	61	71	0									
31																
SUM			X			X	2.02		X	Fog	Ice Pel.	Glaze	Thunder	Hail	Damag winds	
							Greatest .44									

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)

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 O. K. Schultz

STATION (Climatological): University of Md (River Station, if different): WMREC | MONTH: July | 19 87

RIVER | TYPE OF RIVER GAGE | COUNTY: Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE: 8 Am | PRECIPITATION: 8 Am | STANDARD TIME IN USE: EDT

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

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

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	MIN.	AT OBSN.	PRECIPITATION (Draw a straight line (——) through hours precipitation was observed, and a waved line (~~) through hours precipitation probably occurred unobserved.)	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	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				96	64	64		.06			X			X			
2				89	64	67		.25						X			
3				89	63			.15						X			
4				92	73			0									
5				90	72			0									
6				88	68			0									
7				83	63	70		.12						X			
8				91	61	71		.22									
9				96	74			0									
10				93	69	72		~~.01~~ .49						X			
11				91	61	70		.01									
12				92	69	74		0									
13				90	66	68		0									
14				92	68	70		0									
15				81	49	55		.44									
16				80	53	56		0									
17				81	50	55		0									
18				85	58			0									
19				92	63			0									
20				96	68			0									
21				99	64	72		0									
22				100	64	70		0									
23				99	63	67		0									
24				99	63	71		0									
25				99	68			0									
26				98	72			0									
27				94	66			0									
28				89	55			0									
29				89	51	57		0									
30				97	56	65		0									
31				96	65	68		0									
SUM								1.74			Fog	Ice Pel.	Glaze	Thunder	Hail	Damag winds	
								Greatest .49									

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: G. L. Schetrompf

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

STATION (Climatological): University of Md
(River Station, if different): WMREC
MONTH: Aug
19 82

RIVER:
TYPE OF RIVER GAGE:
COUNTY: Washington

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

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

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	MIN.	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.)	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundreths)	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				96	74			0									
2				90	74			0									
3				91	74			.01									
4				98	61	65		0									
5				100	64	69		0									
6				80	63	65		.72						X			
7				88	64	68		0									
8				83	63	68		0			X						
9				95	73			0									
10				94	76			0									
11				91	50	55		0									
12				89	54	59		0									
13				88	57	59		0									
14				86	52	55		0									
15				86	64			0									
16				93	71			0									
17				87	72	76		0									
18				98	55	73		0									
19				96	56	59		0									
20				88	56	60		.06						X			
21				90	45	50		0									
22				90	70			0									
23				76	61			.49									
24				79	40	44		0									
25				78	41	48		0									
26				75	48	58		T									
27				73	56	57		.15			X						
28				94	56	63		.02									
29				84	42			.03									
30				83	50			0									
31				82	58	60		0									
SUM			X			X		1.48		X	Fog	Ice Pel.	Glaze	Thun-der	Hail	Damag winds	
								Greatest .72									

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: SCHETROMPF

STATION (Climatological): University of Md (River Station, if different): WMREC | MONTH: Sept | 19 87

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: 8 AM | PRECIPITATION: 8 AM | STANDARD TIME IN USE: ED

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

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	MIN.	AT OBSN.	PRECIPITATION (Draw a straight line (——) through hours precipitation was observed, and a waved line (~~) through hours precipitation probably occurred unobserved.)	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	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				84	49	52		0															
2				78	40	45		0															
3				86	45	52		0															
4				78	48	52		0															
5				68	48			0															
6				65	58	58		.43															
7				66	58	64		.16															
8				72	58	68		.19															
9				75	59	59		1.56															
10				82	57	58		0															
11				85	57	58		0															
12				83	58	66		.13															
13				80	58	65		.37															
14				83	59	59		.03															
15				84	53	54		0			X			X									
16				85	53	59		.16			X												
17				80	53	62		.08						X									
18				82	61	61		.09						X									
19				82	62			0															
20				64	56	57		.27															
21				63	56	56		.14															
22				73	57			0															
23				72	42	44		.05						X									
24				71	44	48		0															
25				77	41	42		0															
26				67	34			0															
27				76	50			0															
28				80	50			0															
29				82	47	49		0															
30				80	48	59		.37															
31																							
SUM								SUM 4.06			Fog	Ice Pel.	Glaze	Thun-der	Hail	Damag winds							
								Greatest 1.56															

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

STATION (Climatological)	(River Station, if different)	MONTH	19
University of Md	WMREC	October	87

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
MD	Ft.	Ft.	Ft.

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

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	MIN.	AT OBSN.	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	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				70	47	48	0									
2				64	39	—	0									
3				72	50	—	.03									
4				53	36	—	.15									
5				58	31	36	0									
6				68	35	37	0									
7				64	36	44	.50						X			
8				59	33	37	0									
9				56	24	25	0									
10					29	—	0									
11						—	.05									
12					25	33	0									
13				54	22	22	0									
14				57	22	23	0			X						
15				60	22	22	0			X						
16				66	22	30	0									
17				72	30	36	0									
18				65	33	33	0									
19				68	29	29	0			X						
20				68	29	49	0									
21				62	45	45	.21									
22				53	25	31	0									
23				54	28	35	0									
24				62	32	—	0									
25				68	36	—	0									
26				56	19	26	0									
27				57	29	39	0									
28				46	38	39	1.07									
29				56	23	33	0									
30				54	27	—	0									
31				62	37	—	0									
SUM							SUM 2.01									
							Greatest 1.07									

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 1 2 3 4 5 6 7 8 9 10 11 P.M.

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.

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

9th - Frost
No Max Reading 10, 11, #12
Non Min Reading 11
13th - Frost
14th - Frost
15th Frost
16th Frost
26th Hard Frost

OBSERVER Gary SCHETROMPF

SUPERVISING OFFICE

STATION INDEX NO.

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

STATION (Climatological): University of Md	(River Station, if different): WMREC	MONTH: Nov	19 87
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.

DATE	RIVER STAGE: CONDITION	GAGE READING AT ___ A.M.	TENDENCY	TEMPERATURE °F. 24 HRS. ENDING AT OBSERVATION: MAX.	MIN.	AT OBSN.	Rain, melted snow, etc. (Ins. & hundreths)	Snow, ice pellets, hail (Ins. & tenths)	Snow, ice pellets, hail, ice on ground (Ins.)	FOG	ICE PELLETS	GLAZE	THUNDER	HAIL	DAMAGING WINDS	Time of Obsn. if different from above
1				66	35		0									
2				68	44		0									
3				64	45		0									
4				73	40	43	0									
5				76	42	59	0									
6				69	30	34	0									
7				50	22	30	0									
8				62	30	41	0									
9				72	41	52	0									
10				64	34	34	.15									
11				60			1.21	2.5	2.5		X					
12				39	22	29	0	1.3	3.8							
13				49	22	30	0									
14				62	29	32	0									
15					25		0									
16				67	41	41	0									
17				60	41	53	.05									
18				68	41	45	.15									
19				63	29	21	0									
20				56	31	38	0									
21				52	20	20	0									
22				28	14	19	0	T	T							
23				38	14	17	0									
24				50	17	33	0									
25				64	32	47	0									
26				62	41	50	0									
27				63	35	35	0									
28				41	33	33	.41									
29				43	37	39	.29									
30				56	35	38	1.31									
31																
SUM			X			X	3.57	3.8	X							
							Greatest 1.31	2.5		Fog	Ice Pel.	Glaze	Thunder	Hail	Damag winds	

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)

WEATHER (Calendar Day): MARK 'X' FOR ALL TYPES OCCURRING EACH DAY

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

No Min. Reading for the 11th

No Max Reading for the 15th

~~No Max Reading for the 16th~~

1.2 inches snow for the 12th

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

OBSERVER: G. SCHETROMPF

STATION INDEX NO.

STATION (Climatological)	(River Station, if different)	MONTH	19
University of Md	WMREC	Dec	87

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.

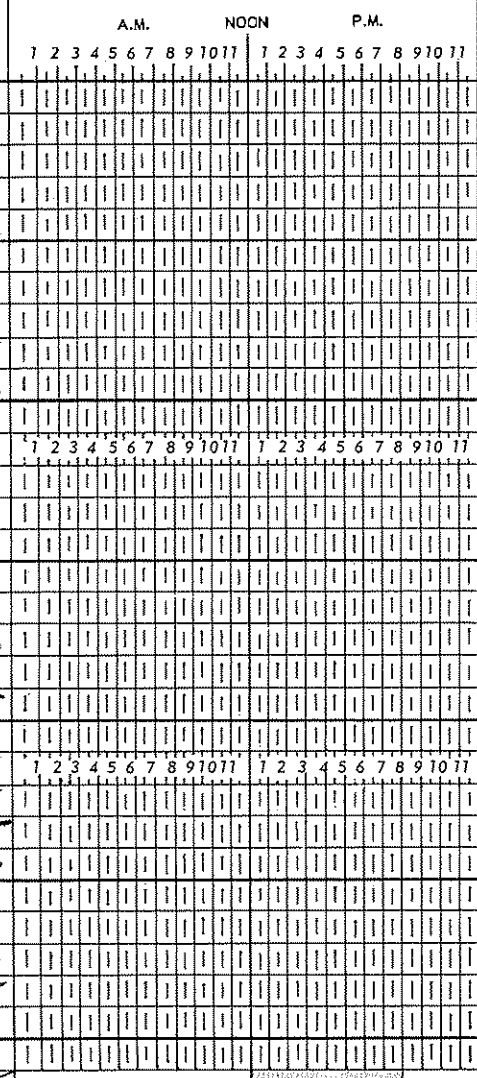
WS FORM E-15 (10-77)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

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.	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.)	MARK 'X' FOR ALL TYPES OCCURRING EACH DAY: FOG	ICE PELLETS	GLAZE	THUNDER	HAIL	DAMAGING WINDS	Time of Obsn. if different from above
1				46	30	31	0									
2				46	30	30	0									
3				41	26	28	0									
4				41	28	31	.10									
5				40	26	28	0									
6				37	28	32	0									
7				40	15	17	0									
8				49	17	27	0									
9				46	25	25	0									
10				63	24	42	0									
11				51	32	32	0									
12				54	28	40	0									
13				56	30	31	0									
14				44	24	29	0									
15				43	29	33	.37									
16				43	—	—	.08									
17				—	31	31	0									
18				37	20	20	0									
19				37	20	31	0									
20				42	31	35	.43									
21				57	35	35	0									
22				43	17	17	0									
23				43	17	35	0									
24				47	25	25	0									
25				55	26	—	0									
26				—	—	40	.38									
27				—	23	27	0									
28				40	27	30	0									
29				35	27	28	.37	.5	.5							
30				31	12	19	T	T	T							
31				28	9	9	0									
SUM							1.73									
							Greatest .43									

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



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 C. SAILETROMIE