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): WMRTC
MONTH: Jan 19 89
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.: 8 AM
PRECIPITATION: 8AM
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.)	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	36	32	32	1.02	2.3	2											Rain recorded on the 1st may reflect a total precip. from the 27th of Dec. until the 1st of Jan.
2	40	32	39	0		1											
3	39	27	39	0		T											
4	38	28	28	.06	2.0	1											
5	30	10	16	0		T											
6	31	16	25	.05	.7	1											
7	28	25	26	.34	5.2	6											
8	30	26	32	T		5											
9	32	32	38	.03		T											
10	38	27	30	0		T											
11	28	20	21	0													
12	45	21	35	.19													
13	48	35	36	.28													
14	36	25	31	0													
15	36	31	36	.09													
16	52	34	39	0													
17	44	28	30	0													
18	52	30	34	0													
19	56	34	42	0													
20	56	28	35	0													
21	47	20	21	0													
22	32	17	26	0													
23	42	20	20	0													
24	53	20	21	0													
25	58	21	40	T													
26	43	36	37	.01													
27	52	35	36	.11													
28	50	23	25	0													
29	52	25	36	0													
30	56	36	46	.09													
31	59	33	36	.06													
SUM	1359	817	SUM	2.33	10.2		Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM				
				Greatest	1.02												

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

A.M. NOON P.M.

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.

STATION (Climatological): University of Maryland (River Station, if different): WMREC
MONTH: Feb 19 89
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.: 8 AM
PRECIPITATION: 8AM
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) 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	36	43	0													
2	73	39	40	0													
3	59	40	44	.38													
4	44	21	21	.36													
5	28	21	25	0													
6	32	25	31	0													
7	44	27	27	0													
8	37	19	20	0													
9	39	14	14	0													
10	24	13	19	0													
11	32	19	25	0													
12	46	24	32	0													
13	40	15	26	0													
14	38	28	37	.43													
15	49	37	40	.11													
16	51	38	38	.27													
17	42	24	24	0													
18	30	24	26	0													
19	35	—	—	0													Malfunction in station 19th thru 21st
20	—	—	—	0													
21	—	—	39	.04													
22	52	40	40	.55													
23	42	28	28	.15	.5	1											
24	33	19	19	0	0	0											
25	32	16	18	0													
26	38	18	34	0													
27	40	31	31	.03													
28	41	23	27	0													
29	/	/	/														
30																	
31																	
SUM			SUM	2.32	.5		Fog	Ice Pel.	Glaze	Thund.	Hail	Dam. Winds	SUM				
				Greatest	.55												

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

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.

WS FORM E-15 (7-79)

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: Mar
19 89

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.)	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	37	23	24	0													
2	41	24	26	0													
3	45	26	28	0													
4	42	28	34	.03													
5	38	34	37	.17													
6	43	30	30	.73				X									
7				.89	2.3	2		X		X	X						Weather station malfunction 7th & 8th.
8		16	16	0		2											
9	32	12	16	0		2											
10	49	14	22	0		2											
11	44	22	37	0		1											
12	48	29	40	0		T											
13	49	27	27	0													
14	45	33	34	0													
15	45	34	45	0													
16	80	38	38	0													
17	58	32	40	0													
18	70	40	58	0													
19	78	29	29	.21													
20	42	24	36	0													
21	41	34	40	.16													
22	44	24	28	0													
23	43	23	26	0													
24	46	33	34	.89													
25	41	34	41	.27													
26	64	37	38	0													
27	70	47	52	0													
28	75	52	64	0													
29	83	62	63	0													
30	73	53	54	.06													
31	54	46	48	.25													
SUM			SUM	3.166	2.3		Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds		SUM			
				Greatest	.89												

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

A.M. NOON 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.

OBSERVER: G. 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 (River Station, if different): WHREC
MONTH: April 19 89
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.)	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	60	38	38	.18													
2	46	28	35	0													
3	50	35	46	.02													
4	73	46	60	.02													
5	74	53	53	T													
6	60	44	44	.17													
7	52	33	34	0													
8	48	29	38	0													
9	49	38	38	.04													
10	53	35	36	0													
11	43	24	27	0													
12	51	26	33	0													
13	58	33	39	0													
14	56	25	28	0													
15	62	28	46	.18													
16	50	43	46	.08													
17	63	35	37	0													
18	25	37	61	0													
19	74	47	47	.13													
20	60	30	32	0													
21	64	32	41	0													
22	66	36	46	0													
23	62	25	26	0													
24	62	26	30	0													
25	72	36	40	0													
26	75	40	46	0													
27	74	40	44	0													
28	77	44	50	0													
29	65	50	52	0													
30	56	53	54	.20													
31																	
SUM	1830	1089	SUM	1.02									SUM				

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

Mark 'X' for all types occurring each day.

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

READING	DATE

CONDITION OF RIVER AT GAGE: Greatest .20

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: B. L. 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	(River Station, if different): WMREC	MONTH: May	19 89
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.)	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	79	54	60	0													
2	64	52	52	1.49													
3	61	44	47	.03						X							
4	59	33	36	0													
5	66	36	51	.35													
6	62	59	54	1.76						X							
7	67	37	43	.42						X							
8	49	40	46	0													
9	63	38	44	0													
10	64	44	50	.56													
11	53	46	46	.05													
12	54	43	45	.02													
13	54	40	46	0													
14	62	46	50	.11													
15	67	50	54	.46						X							
16	60	54	54	.75						X							
17	57	54	57	.95													
18	78	47	52	0													
19	84	50	54	0													
20	82	54	62	0													
21	80	60	62	.02													
22	77	48	52	0													
23	77	57	60	.06													
24	70	57	58	.79						X							
25	72	50	54	0													
26	84	54	70	0													
27	86	62	62	.15						X							
28	77	44	46	.27						X							
29	76	46	48	0													
30	77	56	64	0													
31	88	64	72	.03													
SUM	2149	1519	SUM	8.27													
				Greatest 1.76			Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM				

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

Mark 'X' for all types occurring each day.

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.

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 Md WMREC
(River Station, if different)	
MONTH	June
19	89
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.)	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	88	72	74	0													
2	96	72	76	0													
3	90	61	70	0													
4	86	70	74	.31													
5	86	60	64	0													
6	78	64	66	.23													
7	76	62	62	.32													
8	72	58	60	.02													
9	83	60	69	.05													
10	77	61	72	.14													
11	78	53	61	0													
12	79	52	55	0													
13	79	58	69	.01													
14	77	64	68	.13													
15	82	65	68	.58													
16	86	68	70	.22													
17	79	62	63	.18													
18	82	57	58	0													
19	84	62	69	0													
20	86	70	72	0													
21	82	72	72	.10													
22	86	72	72	.01													
23	87	70	72	0													
24	88	68	72	.69													
25	90	68	72	.05													
26	94	70	74	0													
27	94	70	74	0													
28	95	70	72	.45													
29	86	62	66	.07													
30	78	53	58	0													
31																	
SUM	2514	1926	SUM	3.57			Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM				
				Greatest	.69												

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

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. L. 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	(River Station, if different) WMREC	MONTH July	19 89
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.)	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	81	54	64	0														
2	86	63	72	0														
3	87	69	73	0														
4	82	72	75	0														
5	85	73	74	.86														
6	82	71	72	.09														
7	85	71	71	.04														
8	90	67	72	.19														
9	88	66	72	0														
10	87	70	73	0														
11	95	73	80	0														
12	97	71	75	0														
13	88	70	70	.42														
14	71	63	66	.28														
15	83	60	64	0														
16	84	64	70	.36														
17	76	65	66	.21														
18	82	60	61	0														
19	86	64	71	0														
20	86	71	73	.46														
21	90	71	74	0														
22	89	72	76	.06														
23	93	72	75	0														
24	96	73	76	0														
25	93	75	77	0														
26	96	76	77	0														
27	95	70	72	0														
28	92	70	74	0														
29	90	54	60	0														
30	84	59	62	0														
31	76	65	66	.49														
SUM	2602	2094	SUM	3.49														
				Greatest	.86													

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

READING	DATE

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 F. L. 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 (River Station, if different): WMREC
MONTH: Aug 1989
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.)	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	72	67	68	0													
2	82	62	65	0													
3	84	65	70	0													
4	94	70	74	0													
5	95	74	80	0													
6	98	75	76	0													
7	96	69	72	.04													
8	77	49	54	0													
9	74	47	50	0													
10	80	50	51	0													
11	80	51	64	0													
12	72	64	66	.03													
13	74	65	65	0													
14	88	68	68	0													
15	88	65	67	0													
16	85	68	70	T													
17	91	66	68	.23													
18	86	68	70	.02													
19	76	66	68	0													
20	79	63	69	0													
21	91	69	74	.13													
22	87	66	68	.20													
23	92	68	74	.01													
24	94	72	72	0													
25	82	60	61	0													
26	86	61	67	0													
27	88	64	68	0													
28	83	68	72	0													
29	92	71	74	0													
30	90	73	76	.29													
31	90	57	58	0													
SUM	2646	2001	SUM	.95			Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM				
				Greatest .29													

Drow 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

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: C. 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): Univ. of Maryland	(River Station, if different): WMREC	MONTH: Sept	19 89
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.)	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	90	63	68	0													
2	90	68	76	0													
3	88	50	62	0													
4	82	49	64	0											0		0026
5	81	60	61	0													
6	80	60	65	0													
7	80	61	62	0													0800
8	82	62	64	0													
9	81	64	69	.09													
10	93	69	75	0													
11	97	68	68	0													
12	88	65	68	0													
13	85	68	70	.07													
14	81	70	74	0													
15	90	68	70	0													
16	78	66	67	.09													
17	70	65	65	.32													
18	79	57	61	0													
19	72	62	65	0													
20	67	64	64	0													
21	74	71	72	.30													
22	89	73	77	.02													
23	97	72	72	.12													
24	72	42	50	.21													
25	67	38	39	0													
26	65	39	56	.51													
27	74	39	39	0													
28	66	36	38	6													
29	69	38	54	0													
30	80	54	56	0													
31																	
SUM	2407	1761	SUM	1.73			Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM				
				Greatest .51													

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

A.M. NOON P.M.

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: C. SCHETROMPF

SUPERVISING OFFICE

STATION INDEX NO.

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

WS FORM E-15
(7-79)

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological)	University of Md WMREC (River Station, if different)
MONTH	Oct 19 89
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.)	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	72	54	62	0													
2	67	62	67	1.42													
3	81	62	68	.04													
4	72	31	32	0													
5	64	43	44	0													
6	73	44	60	0													
7	73	58	58	0													
8	64	35	44	0													
9	60	34	36	.13													
10	60	34	34	.09													
11	64	34	44	0													
12	71	41	41	0													
13	81	41	60	0													
14	86	56	58	0													
15	84	58	~~60~~ 58	0													
16	88	55	60	0													
17	88	57	68	.20													
18	73	60	60	.25													
19	62	46	46	1.48													
20	51	46	47	.98													
21	49	37	43	.04													
22	55	43	50	0													
23	66	32	32	0													
24	70	32	38	0													
25	74	36	40	0													
26	73	40	40	0													
27	78	39	39	0													
28	78	39	50	0													
29	78	45	46	0													
30	77	46	48	0													
31	74	50	51	.02													
SUM	2128	1390	SUM	4.65													
				Greatest	1.48												

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

Mark 'X' for all types occurring each day.

CHECK BAR (For wire-weight) NORMAL CK. BAR	
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 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	(River Station, if different) WHREC	MONTH Nov	19 89
STATE Maryland	COUNTY Washington	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP. 8AM	PRECIPITATION 8AM	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.)	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	58	49	49	.11													
2	60	37	37	0													
3	56	37	40	.02													
4	52	26	36	.03													
5	52	33	40	0													
6	62	40	56	0													
7	70	40	41	0			X										
8	62	41	47	.02			X										
9	59	47	58	.76													
10	60	37	44	.10													
11	55	32	43	0													
12	62	43	56	0													
13	64	35	45	0													
14	67	44	56	0													
15	79	56	59	.03													
16	74	58	60	.55						X							
17	59	35	35	.11													
18	46	27	32	0													
19	50	24	26	0													Snow Flurries
20	47	26	46	0													Snow Flurries
21	70	33	35	.10	.5	1											
22	39	23	29	0		T											
23	37	23	26	.21	3.4	3											
24	36	16	25	0		2											
25	43	23	38	0		1											
26	49	38	49	0		T											
27	59	32	35	0													
28	52	35	52	.16													
29	66	36	36	.06													
30	40	24	25	0													
31																	
SUM	1448	1050	SUM	2.26	3.9		Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds	SUM				
				Greatest	3.40												

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 Mary 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): U of Md	(River Station, if different): WMREC	MONTH: Dec	19 89
STATE: Maryland	COUNTY: Washington	RIVER:	
TIME (local) OF OBSERVATION RIVER: /	TEMP.: 8AM	PRECIPITATION: 8AM	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.)	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	46	28	28	0	0												
2	47	25	32	0	0												
3	46	30	33	0	0												
4	34	21	24	0	0												
5	35	24	32	0	0												
6	41	32	41	0	0												
7	52	36	36	.09	.6	1											
8	40	25	25	.04	.5	1											
9	28	02	05	.15	2.5	3											
10	33	02	18	0	0	3											
11	40	16	16	0	0	2											
12	44	16	34	T	T	1											
13	37	30	32	.08	1.2	3											
14	39	14	19	0	0	2											
15	34	15	19	0	0	2											
16	33	16	17	.12	1.8	4											
17	25	09	15	0	0	2											
18	24	10	10	0	0	1											
19	30	05	09	0	0	1											
20	27	12	21	0	0	1											
21	32	07	10	0	0	1											
22	26	0	01	0	0	1											
23	20	01	02	0	0	1											
24	24	-1	04	0	0	T											
25	26	02	15	0	0	T											
26	26	15	26	0	0	T											
27	38	02	14	.03	.4	1											
28	27	14	27	0	0	T											
29	41	19	28	.01	.2	T											
30	38	28	33	0	0	T											
31	38	33	37	.21	0												
SUM	1071	488	SUM	.73	7.2		Fog	Ice Pel.	Glaze	Thund.	Hail	Dam. Winds	SUM				
				Greatest	25												

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

A.M. NOON P.M.

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.