ORM B-91
(3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatic): University of Md WMREC (River Station, if different)
MONTH: JAN ■ 2001
STATE: MARYLAND
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.:
PRECIPITATION:
STANDARD TIME IN USE:
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. (7:30 AM)	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	32	21	22	.0													
2	28	13	6.5	.0													
3	32	6	27	.0													
4	32	15	23	.0													
5	32	13	33	.0	3.0												
6	37	16	28	.04													
7	43	16	27	.0													
8	35	24	21	.08	T												
9	32	21	27	.0													
10	43	21	23	.0													
11	52	18	25	.0													
12	45	18	15	.0													
13	45	14	21	.0													
14	40	21	26	.0													
15	42	25	39	.0													
16	41	29	34	.0													
17	39	25	32	.0													
18	34	25	33	.02													
19	36	33	32	.79													
20	35	28	20	.09													
21	29	7	-1	.58	7.0												
22	30	-1	-0	.0													
23	34	-0	12	.0													
24	43	10	24	.0													
25	35	15	7.4	.0													
26	35	7	37	.0													
27	41	30	17	.0													
28	40	17	25	.0													
29	40	17	29	.0													
30	52	31	31	.64													
31	47	29	39	.0													
SUM			SUM	2.24													

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: David Wyard Jr.

SUPERVISING OFFICE:

STATION INDEX NO.

FORM B-91
(3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climato): University of Md. WMREC (River Station, if different)
MONTH: Feb. 2008
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER: TEMP.: PRECIPITATION:
STANDARD TIME IN USE:
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.	7:30 AM AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	25	29	.0													
2	47	23	21	.0													
3	32	19	25	.0													
4	42	19	30	.0													
5	41	30	34	.16	3.0												
6	47	34	26	.0													
7	50	26	32	.0													
8	53	23	34	.0													
9	63	30	43	.0													
10	62	28	20	.0													
11	34	10	23	.0													
12	37	21	33	.0													
13	51	31	42	.01													
14	53	42	52	.11													
15	54	41	39	.04													
16	43	39	36	.28													
17	41	21	12	.01													
18	34	12	18	.0													
19	47	14	39	.0													
20	62	36	37	.0													
21	51	21	18	.0													
22	22	15	21	.0	3.0	.0											
23	43	20	25	.18		3.0											
24	36	25	35	.0													
25	62	33	38	.08													
26	60	30	28	.0													
27	57	25	32	.0													
28	41	20	17	.0													
29																	
30																	
31																	
SUM			SUM	.87	6.0												

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: David Wyand Jr.

SUPERVISING OFFICE:

STATION INDEX NO.

STATION (Climato: University of Md WMREC (River Station, if different)

MONTH: March 2001

ORM B-91 (3)

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

STATE: Maryland

COUNTY: Washington

RIVER:

TIME (local) OF OBSERVATION RIVER:

TEMP.:

PRECIPITATION:

STANDARD TIME IN USE:

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

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. 7:30 AM	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	17	35	.0													
2	55	30	43	.0													
3	52	33	38	.0													
4	39	32	28	.29													
5	37	23	22	.46		1.											
6	34	19	33	.0													
7	46	28	21	.0													
8	49	19	32	.0													
9	40	30	27	.0													
10	44	23	28	.0													
11	55	20	22	.0													
12	53	21	38	.35													
13	60	38	41	.08													
14	55	29	29	.0													
15	51	28	39	.04													
16	44	38	41	.13													
17	52	37	32	.01													
18	48	25	20	.0													
19	52	18	25	.0													
20	51	23	41	.03													
21	44	39	40	.46													
22	50	39	39	.0													
23	57	30	36	.0													
24	49	26	30	.0													
25	46	24	26	.0													
26	33	19	20	.0													
27	38	12	19	.0													
28	49	16	37	.0													
29	40	37	38	1.02													
30	50	37	39	.26													
31	50	39	42	.03													
SUM			SUM	3.16													

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: David Ulyard Jr.

SUPERVISING OFFICE:

STATION INDEX NO.

FORM B-91
(3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climato	University of Md UMREC (River Station, if different)	MONTH April	2001
STATE Maryland	COUNTY Washington	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP.	PRECIPITATION	STANDARD TIME IN USE
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. 7:30 AM	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	47	40	41	.01													
2	53	30	38	.0													
3	62	29	40	.01													
4	57	33	32	.0													
5	64	27	48	.0													
6	69	47	60	.17													
7	64	45	44	.15													
8	69	43	54	.0						X							
9	87	49	57	.20						X							
10	64	54	50	.0													
11	54	49	52	.34													
12	74	51	61	.0													
13	73	52	41	.03													
14	71	41	44	.0													
15	67	44	45	.29													
16	53	41	33	.37													
17	47	33	34	.0													
18	48	31	24	.0													
19	59	23	38	.0													
20	64	35	49	.0													
21	68	49	58	.0													
22	81	52	54	.0													
23	87	54	63	.0													
24	80	50	43	.03													
25	56	37	29	.0													
26	64	28	36	.0													
27	77	33	48	.0													
28	64	38	30	.0													
29	67	30	37	.0													
30	76	36	43	.0													
31																	
SUM			SUM	1.60													

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

SUPERVISING OFFICE

STATION INDEX NO.

FORM B-91
(3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climato	University of Md. WMREC (River Station, if different)	MONTH May	2001
STATE Maryland	COUNTY Washington	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP.	PRECIPITATION	STANDARD TIME IN USE
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.	7:30 AM AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	83	42	49	.0													
2	86	48	52	.0													
3	88	51	56	.0													
4	87	55	63	.0													
5	78	50	45	.09													
6	65	43	37	.0													
7	66	35	48	.0													
8	69	47	56	.01													
9	75	50	47	.05													
10	80	45	50	.0													
11	85	48	56	.0													
12	76	53	43	.0													
13	68	40	36	.0													
14	67	33	38	.02													
15	71	34	42	.0													
16	71	38	53	.01													
17	57	53	55	.01													
18	69	55	60	.06													
19	78	59	57	.07													
20	69	55	55	.09													
21	59	55	57	.07													
22	71	56	51	.04													
23	73	48	48	.84						X							
24	76	45	60	.27													
25	68	60	61	.0													
26	68	46	54	.0													
27	71	51	51	.06													
28	74	48	50	.01													
29	74	46	54	.0													
30	67	46	42	.0													
31	70	36	50	.0													
SUM			SUM	1.70													

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 David Wyand Jr.

SUPERVISING OFFICE

STATION INDEX NO.

ORM B-91

U.S. DEPART F COMMERCE
NATIONAL OCEANIC AND ATMOSPH MINISTRATION
NATION THER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climato (River Station, if different): University of Md. WMREC

MONTH: June 2001

STATE: Maryland

COUNTY: Washington

RIVER:

TIME (local) OF OBSERVATION RIVER: TEMP.: PRECIPITATION:

STANDARD TIME IN USE:

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. (7:30AM)	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	62	43	57	.25													
2	74	57	56	.03													
3	66	52	50	.0													
4	76	46	60	.02													
5	80	59	63	.01													
6	73	61	59	.33													
7	71	59	56	.98						X							
8	77	54	53	.0													
9	80	50	53	.0													
10	82	48	58	.0													
11	85	46	66	.0													
12	88	62	67	.55						X							
13	88	65	70	.0													
14	85	67	71	0													
15	82	67		.03													
16	82	68		.54						X							
17	87	61	61	.0													
18	83	62	68	.0													
19	86	67	70	.0													
20	90	67	58	.0						X							
21	83	65	60	.88													
22	79	66	59	.39													
23	76	62		.0													
24	80	55	57	0													
25	81	61	60	.0													
26	84	69	68	.0													
27	88	68	68	.0													
28	89	72	70	.0													
29	90	70	69	.0													
30	90	67	71	.01						X							
31																	
SUM			SUM	4.21			Fog	Ice Pel.	Glaze	Thund.	Hail	Dam. Winds					

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: David Wyand Jr.

SUPERVISING OFFICE:

STATION INDEX NO.

FORM B-91
(3)

U.S. DEPART' E COMMERCE
NATIONAL OCEANIC AND ATMOSPH MINISTRATION
NATIONA THER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climato: University of Maryland (River Station, if different)
MONTH: July #2001
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.:
PRECIPITATION:
STANDARD TIME IN USE:
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. 7:30AM	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	85	64	54	.21													
2	72	51	52	.0													
3	76	48	65	.0													
4	85	65	64	.24													
5	83	45	53	.07													
6	77	50	51	.01													
7	81	49	67	.0													
8	84	67	63	.25													
9	88	60	65	.0													
10	89	62	64	.0													
11	81	58	56	.0													
12	80	53	53	.0													
13	79	50	52	.0													
14	82	49	54	.0													
15	83	51	62	.0													
16	85	58	62	.0													
17	91	61	68	.0													
18	77	67	64	.22													
19	80	62	59	.0													
20	80	58	54	.0													
21	81	52	54	.0													
22	84	53	62	.0													
23	89	60	70	.0													
24	92	66	74	.0													
25	92	73	71	.02													
26	83	65	58	.05													
27	79	58	56	.87				X									
28	78	55	60	.0													
29	67	59	63	.16				X									
30	75	63	58	.01													
31	82	57	61	.01													
SUM			SUM	2.12													

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: David Wyard Jr.

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climato University of Maryland (River Station, if different)

MONTH Aug #2001

STATE Maryland

COUNTY Washington

RIVER

TIME (local) OF OBSERVATION RIVER

TEMP.

PRECIPITATION

STANDARD TIME IN USE

TYPE OF RIVER GAGE

ELEVATION OF RIVER GAGE ZERO Ft.

FLOOD STAGE Ft.

NORMAL POOL STAGE Ft.

FORM B-91 (3)

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. 7:30 AM	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	85	59	58	.0													
2	86	57	65	.0													
3	87	64	70	.0													
4	87	68	65	.47													
5	88	65	68	.90													
6	92	67	68	.0													
7	95	68	68	.0													
8	95	67	72	.05													
9	95	70	75	.13													
10	90	72	71	.07													
11	87	70	71	.08													
12	78	69	69	1.17													
13	84	68	64	.42			X										
14	85	62	56	.01													
15	85	56	67	.0													
16	84	64	73	.0													
17	86	62	56	.0													
18	79	56	63	.0													
19	81	60	67	.05													
20	82	60	55	0			X										
21	81	55	56	0													
22	84	56	66	0													
23	77	64	65	.18						X							
24	83	64	58	.01													
25	82	58	64	.0													
26	83	64	68	.0													
27	87	66	63	.0													
28	88	62	60	.0													
29	84	60	66	.0													
30	85	66	63	.0													
31	87	63	66	.20													
SUM			SUM	3.74													

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 David Weyand Jr.

SUPERVISING OFFICE

STATION INDEX NO.

FORM B-91
(93)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climat): University of Maryland WMREC (River Station, if different)
MONTH: Sept. 2001
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.:
PRECIPITATION:
STANDARD TIME IN USE:
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. 7:30AM	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (Ins. and hundredths)	Snow, ice pellets, (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	55	48	.01													
2	76	48	59	.0													
3	80	53	65	.0													
4	86	65	52	.02													
5	79	52	46	.01													
6	82	46	52	.0													
7	83	52	62	.0													
8	84	62	63	.0													
9	84	60	70	.0													
10	83	55	48	.0													
11	82	48	48	.0													
12	81	46	50	.0													
13	87	50	55	.0													
14	69	49	36	.12													
15	69	36	37	.0													
16	75	37	39	.0													
17	78	39	48	.0													
18	81	47	55	.0													
19	79	52	74	.0													
20	72	61	60	.96													
21	77	60	55	.01													
22	82	55	53	.0													
23	81	53	66	.0													
24	73	60	55	.44													
25	69	45	42	.28													
26	65	39	48	.0													
27	64	45	40	.0													
28	62	40	48	.0													
29	64	43	40	.0													
30	63	39	42	.0													
31																	
SUM			SUM	1.85													

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: David Wyand Jr.

SUPERVISING OFFICE:

STATION INDEX NO.

FORM B-91 (3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climato): University of Maryland (River Station, if different)
MONTH: Oct 2001
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION: RIVER
TEMP.:
PRECIPITATION:
STANDARD TIME IN USE:
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.	7:30 AM AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	38	49	.0													
2	78	42	55	.0													
3	82	50	55	.0													
4	82	51	56	.0													
5	79	48	59	.0													
6	69	39	31	.0													
7	55	31	25	.0													First Frost
8	55	25	23	.0													
9	61	23	33	.0													
10	70	33	42	.0													
11	77	40	48	.0			X										
12	73	47	59	.0													
13	79	58	59	.0													
14	73	56	42	.39													
15	68	42	50	.0													
16	68	39	47	.23													
17	55	37	27	.0													
18	58	27	31	.0													
19	64	31	46	.0													
20	72	42	39	.0													
21	76	39	49	.0													
22	78	47	46	.0													
23	77	46	53	.0													
24	83	51	65	.0													
25	71	38	47	.0													
26	57	40	41	.0													
27	48	40	25	.0													
28	49	25	22	.0													
29	59	22	31	.0													
30	62	31	45	.0													
31	63	33	39	.0													
SUM			SUM	.62													

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: David Wyand Jr.

SUPERVISING OFFICE:

STATION INDEX NO.

ORM B-91
(1)

U.S. DEPART F COMMERCE
NATIONAL OCEANIC AND ATMOSPHL MINISTRATION
NATIONA THER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climato): University of Md. (WMREC) (River Station, if different)
MONTH: Nov. 2001
STATE: Maryland
COUNTY: Washington
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.:
PRECIPITATION:
STANDARD TIME IN USE:
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. (1:30 AM)	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	37	47	.0													
2	79	22	60	.0													
3	69	42	34	.04													
4	69	34	37	.0													
5	55	37	27	.0													
6	57	27	31	.0													
7	69	31	37	.0													
8	70	36	49	.0													
9	63	29	32	.0													
10	69	27	49	.0													
11	60	26	23	.0													
12	50	22	21	.0													
13	57	19	25	.0													
14	64	24	42	.0													
15	68	35	32	.0													
16	71	32	30	.0													
17	59	30	29	.0													
18	56	29	31	.0													
19	66	31	41	.0													
20	60	24	18	.0													
21	49	18	21	.0													
22	59	20	30	.0													
23	59	29	38	.0													
24	60	37	61	.0													
25	63	32	43	.0						X							
26	58	37	38	1.14			X										
27	52	47	47	.0													
28	60	47	53	.0			X										
29	60	51	64	.0													
30	68	56	52	.0													
31																	
SUM			SUM	1.18													

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: David Wyand Jr
SUPERVISING OFFICE:
STATION INDEX NO.

FORM B-91 (1)

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 Dec.	2001
STATE Maryland	COUNTY Washington	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP.	PRECIPITATION	STANDARD TIME IN USE
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.	7:30 AM AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (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	67	30	35	.0													
2	51	27	24	.0													
3	58	24	15	.0													
4	55	15	51	.0													
5	77	47	52	.0													
6	68	44	46	T													
7	58	38	42	.0													
8	45	34	42	.40													
9	48	25	23	.0													
10	42	22	38	.0													
11	47	32	30	.13													
12	48	30	45	.01			X										
13	53	46	52	.04													
14	61	44	44	.22													
15	53	29	25	.0													
16	42	23	41	.0													
17	47	40	48	.27													
18	51	46	35	04													
19	50	35	37	0													
20	47	37	32	0													
21	40	26	17	0													
22	41	17	30	0													
23	49	29	28	.24													
24	41	23	22	.0													
25	34	19	20	.0													
26	33	10	27	.0													
27	34	14	26	.0													
28	42	19	27	.0													
29	39	23	12	.0													
30	27	12	16	.0													
31	31	12	8	.0													
SUM			SUM	1.35													

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 David Ulyard Jr.

SUPERVISING OFFICE

STATION INDEX NO.