

STATION (Climate: *University of Md.*) (River Station, if different) MONTH *Feb.* *03*
 STATE *Maryland* COUNTY *Washington* RIVER
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE

FORM B-91

U.S. DEPT. OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL CENTER FOR ENVIRONMENTAL DATA

U.S. DEPT. OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL CENTER FOR ENVIRONMENTAL DATA

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.			PRECIPITATION											WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)																
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS		At Ob. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	A.M.			NOON			P.M.			Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above		CONDITION	GAGE READING AT — A.M.	TENDENCY													
	MAX.	MIN.		RAIN, melted snow, etc. (ins. and hundredths)	SNOW, ice pellets, (ins. and tenths)		1	2	3	4	5	6	7	8	9												10	11	1	2	3	4	5	6	7	8	9	10	11
1	37	32	36	.16																																			
2	45	26	23	.03																																			
3	45	23	38	.0																																			
4	46	32	27	.37																																			
5	32	26		.0																																			
6			19	.0																																			
7	36	27	14	.0	3.0																																		
8	29	10	22	.45																																			
9	39	7	30	.0																																			
10	38	27	16	.0	T																																		
11	32	16	27	.0	T																																		
12	37	15	17	.0																																			
13	33	21	28	.0																																			
14	40	16	12	.0		2.0																																	
15	35	19	14	.0	2.0	8.0																																	
16	19	12	22	.0	8.0	16.0																																	
17	24	14	29	2.10	16.0																																		
18	32	22	18	.0																																			
19	39	17	33	.0																																			
20	45	22	22	.0																																			
21	41	18	35	.25																																			
22	38	34	35	1.00																																			
23	40	29	24	.05																																			
24	43	21	26	.0																																			
25	35	19	16	.0		1.0																																	
26	23	9	21	.0	1.0	1.0																																	
27	26	21	24	.0	1.0	3.0																																	
28	29	24	33	.57	3.0																																		
29																																							
30																																							
31																																							

SUM 4.98 CHECK BAR (For wire-weight) NORMAL CK. BAR

CONDITION OF RIVER AT GAGE
 A. Obstructed by rough ice. E. Ice gorge below gage
 B. Frozen, but open at gage. F. Shore ice.
 C. Upper surface of smooth ice. G. Floating ice.
 D. Ice gorge above gage. H. Pool stage.

WEATHER (Calendar Day) Mark 'X' for all types occurring each day.
 Fog Ice Pellets Glaze Thunder Hail Damaging Winds
 RIVER STAGE
 GAGE READING AT
 TENDENCY
 OBSERVER *David W. Lynd Jr.*
 SUPERVISING OFFICE STATION INDEX NO.

STATION (Climat.)	<i>University of Md (UMREC)</i>		MONTH	<i>March</i>	19-2005
STATE	<i>MARYLAND</i>		COUNTY	<i>Washington</i>	
TIME (local) OF OBSERVATION RIVER	TEMP.	PRECIPITATION	STANDARD TIME IN USE		
TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE		

FORM B-91

U.S. DEPT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WATER RESEARCH INSTITUTE

U.S. DEPT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WATER RESEARCH INSTITUTE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION														WEATHER (Calendar Day)						RIVER STAGE			REMARKS (Special observations, etc.)								
	24 HRS. ENDING AT OBSERVATION		7:30 AM AT OBSN.	24-HR AMOUNTS			At Ob.														Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds		Time of observation if different from above	CONDITION	GAGE READING AT	TENDENCY				
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	Snow, ice pellets, hail, ice on ground (ins.)	Draw a straight line (—) through hours precipitation was observed, and a wavy 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	1	2	3	4		5	6	7	8	9	10	11	
1	36	33	35	0																															
2	45	34	12	.19																															
3	37	12	20	.0																															
4	39	18	37	.0																															
5	51	33	36	.0																															
6	41	27	17	.28																															
7	34	15	19	.0																															
8	50	17	45	.0																															
9	48	22	24	.0																															
10	32	17	25	.0																															
11	44	14	26	.0																															<i>Snow Furries</i>
12	51	24	36	.0																															
13	60	33	27	.15																															
14	43	26	32	.0																															
15	60	30	35	.0																															
16	67	31	45	.0																															
17	64	40	45	.0																															
18	68	42	45	.0																															
19	53	37	35	.0																															
20	39	35	39	1.41																															
21	56	35	50	.0																															
22	65	37	41	.0																															
23	62	35	34	.0																															
24	65	30	48	.0																															
25	73	44	50	.0																															
26	66	35	33	.30																															
27	65	30	45	.0																															
28	59	37	61	.0																															
29	74	45	34	.15																															
30	45	31	28	.43	2.0																														<i>Snow mix SNOW FURRIES</i>
31	41	24	33	.13																															
			SUM	3.04																															

- 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.

READING	DATE

Fog	Ice Pellets	Glaze	Thunder	Hail	Dam Winds
OBSERVER <i>David Wynand Jr.</i>					
SUPERVISING OFFICE					

STATION INDEX NO.

STATION (Climate) **University of Maryland** (If Not Station, If Different)
 STATE **MARYLAND** COUNTY **Washington**
 MONTH **April** YEAR **2003**
 RIVER
 TIME (local) OF OBSERVATION 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.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE			REMARKS (Special observations, etc.)		
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS		At Ob.	Mark 'X' for all types occurring each day.						CONDITION	GAGE READING AT	TENDENCY			
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets (ins. and tenths)		A.M.			NOON							P.M.	
1	64	23	41	0														
2	81	34	52	.0														
3	79	43	47	.0														
4	58	45	43	.10														
5	62	42	38	.02														
6	51	36	37	.0														
7	45	33	34	.52														Mix
8	38	33	35	.0														
9	42	34	38	.50														
10	51	38	38	.01														
11	46	38	42	.35														
12	67	42	33	.0														
13	63	32	33	.10														
14	72	32	49	.10														
15	83	47	59	.0														
16	84	58	56	.0														
17	64	39	36	.0														
18	42	35		.23														
19	57	40	45	.36														
20	64	39	49	.0														
21	64	49	52	.21														
22	63	47	42	.33														
23	60	40	38	.0														
24	65	33	45	.0														
25	69	42	54	.12														
26	61	50	41	.11														
27	70	39	37	.0														
28	78	36	58	.0														
29	73	47	47	.02														
30	71	40	59	.0														
31																		

Time of observation if different from above

CONDITION

GAGE READING AT

TENDENCY

REMARKS

Observer: *David Wilford Jr.*

Supervising Office

Station Index No.

SUM 2.88

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

CONDITION OF RIVER AT GAGE

READING DATE

- A. Obstructed by rough ice.
- B. Frozen, but open at gage.
- C. Upper surface of smooth ice.
- D. Ice gorge above gage.
- E. Ice gorge below gage.
- F. Shore ice.
- G. Floating ice.
- H. Pool stage.

STATION (Climate) *University of Md CMREC* (River Station, if different)
 STATE *Maryland* COUNTY *Washington* MONTH *May* *2003*
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE

FORM B-91

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO FL FLOOD STAGE FL NORMAL POOL STAGE FL

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE			REMARKS (Special observations, etc.)			
	24 HRS. ENDING AT OBSERVATION		AT OBSH.	24-HR AMOUNTS		At Ob. Snow, ice pellets, hail, ice on ground (ths.)	Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.						Mark 'X' for all types occurring each day.				CONDITION	GAGE READING AT A.M.	TENDENCY
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)		A.M.	NOON	P.M.	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds				
1	79	59	59	.04															
2	80	59	51	.0															
3	65	50	50	.0															
4	60	49	49	.0															
5	50	32	50	.26															
6	63	49	52	.0															
7	78	49	58	.09										X					
8	74	57	57	.45										X					
9	63	54	59	.48										X					
10	71	59	64	.28										X					
11	82	62	61	.0															
12	70	51	52	.02															
13	62	47	42	.02															
14	73	38	55	.0															
15	66	50	56	2.30															
16	57	53		.50															
17	50	47		.0															
18			44	.0															
19	69	44	47	.0															
20	73	42	59	.0															
21	64	54	53	.04															
22	57	52	54	.0															
23	57	54	54	.15															
24	67	58	56	.60															
25	68	53	57	.01															
26	66	55	55	.36															
27	65	52	54	.0															
28	66	49	52	.26															
29	72	48	53	.0															
30	78	50	59	.0															
31	69	38	56	.60															
SUM				6.46															

CONDITION OF RIVER AT GAGE READING DATE

- A. Obstructed by rough ice.
- B. Frozen, but open at gage.
- C. Upper surface of smooth ice.
- D. Ice gorge above gage.
- E. Ice gorge below gage.
- F. Shove ice.
- G. Floating ice.
- H. Pool stage.

Time of observation, if different from above

Observer: *David Wlyard Jr.*

Supervising Office: _____ Station Index No.: _____

STATION (Name) **University of Md. WMREC** (River Station, if different)
 MONTH **June** **2003**
 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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)			
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS			At Ob.						CONDITION	GAGE READING AT		TENDENCY		
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and hundredths)	Snow, ice pellets, hail, ice on ground (ins.)	A.M.			NOON							P.M.	
1	68	52	.45	.05														
2	70	41	.55	.0														
3	60	52	.55	1.44														
4	61	53	.53	.32														
5	71	54	.59	.61														
6	75	53	.60	.0														
7	65	60	.59	1.38														
8	70	58	.61	.10														
9	78	59	.58	.06														
10	80	53	.67	.0														
11	84	64	.68	.0														
12	83	66	.69	.78														
13	82	65	.68	1.29														
14	83	66	.69	.08														
15	77	63	.61	.0														
16	73	59	.59	.0														
17	63	58	.60	.29														
18	77	59	.68	.01														
19	82	64	.63	.18														
20	65	57	.57	.46														
21	68	54	.57	.46														
22	78	55	.58	.02														
23	85	53	.62	.0														
24	88	57	.65	.0														
25	90	60	.67	.0														
26	90	69	.71	.0														
27	82	68	.59	.0														
28	80	57	.65	.0														
29	86	62	.69	.0														
30	85	64	.64	.0														
31																		
SUM				6.93														

CONDITION OF RIVER AT GAGE
 A. Obstructed by rough ice. E. Ice gorge below gage
 B. Frozen, but open at gage. F. Shore ice.
 C. Upper surface of smooth ice. G. Floating ice.
 D. Ice gorge above gage. H. Pool stage.

READING DATE OBSERVER SUPERVISING OFFICE STATION INDEX NO.

STATION (Clima. **University of Md. WMREC**)

(River Station, if different)

MONTH **July** 2003

FORM B-91

U.S. DEPT.
NATIONAL OCEANIC AND ATMOSPHERIC
ADMINISTRATIONU.S. DEPT. OF
COMMERCE
ADMINISTRATION
MARINE SERVICESTATE **Maryland**COUNTY **Washington**

RIVER

TIME (local) OF OBSERVATION

TEMP.

PRECIPITATION

STANDARD TIME IN USE

TYPE OF RIVER GAGE

ELEVATION OF RIVER
GAGE ZERO

Fl.

FLOOD STAGE

Fl.

NORMAL POOL STAGE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE			REMARKS (Special observations, etc.)	
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS		At Obs. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	CONDITION	GAGE READING AT		TENDENCY
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, ice on ground (ins.)												
1	82	60	66	.0													
2	75	67	67	.05													
3	77	65	67	.08													
4	90	63	72	.03													
5	91	70	72	.0													
6	90	69	69	.24													
7	88	68	71	.15													
8	87	69	72	.02													
9	87	68	66	.12						X							
10	73	66	69	.08													
11	84	62	65	.01													
12	83	60	60	.14						X							
13	81	57	65	.0													
14	80	62	66	.0													
15	84	63	73	.0													
16	87	67	63	.02													
17	85	58	63	.0													
18	78	59	64	.0													
19	83	59	57	.0													
20	84	52	66	.0													
21	89	62	70	.0													
22	87	69	68	.07													
23	80	66	63	.99													
24	81	61	59	.01													
25	84	56	64	.0													
26	80	59	71	.0													
27	89	71	74	.0													
28	80	67	64	.19													
29	80	62	62	.0													
30	81	59	68	.0						X							
31	78	67	71	.11													
SUM			SUM	1.81													

CONDITION OF RIVER AT GAGE

READING

DATE

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

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
Thund.
Hail
Dam. Winds

OBSERVER

SUPERVISING OFFICE

David Wynd Jr

STATION INDEX NO.

STATION (Climate) **University of Md. WMREC** (River Station, if different)
 STATE **MARYLAND** COUNTY **Washington** MONTH **Aug** YEAR **2003**
 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.

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION																	WEATHER (Calendar Day)						RIVER STAGE			REMARKS (Special observations, etc.)
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS		At Ob. Draw a straight line (—) through hours precipitation was observed, and a wavy line (w) through hours precipitation probably occurred unobserved.	A.M.			NOON				P.M.				Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	CONDITION	GAGE READING AT A.M.	TENDENCY			
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)		Snow, ice pellets, hail, ice on ground (ins.)	1	2	3	4	5	6	7	8	9	10											11	1	
1	79	71	70	.28																										
2	85	68	72	.0																										
3	83	69	68	.0																										
4	83	67	67	.03																										
5	83	67	64	.0																										
6	82	68	64	.0																										
7	82	63	67	.0																										
8	84	66	69	.03																										
9	82	68	67	.0																										
10	83	66	69	.0																										
11	80	67	69	.68																										
12	86	64	67	.0																										
13	86	66	68	.0																										
14	91	67	68	.0																										
15	90	67	71	.01																										
16	87	69	66	.98																										
17	82	66	64	1.46																										
18	79	64	60	.0																										
19	82	59	66	.0																										
20	85	64	68	.0																										
21	88	66	72	.0																										
22	81	70	66	.0																										
23	81	60	51	.0																										
24	78	50	62	.0																										
25	88			.0																										
26	84	66		1.25																										
27	84	67		.27																										
28	89	63		.0																										
29	87	71		.15																										
30	87	70		.45																										
31	75	64		.0																										
SUM				6.09																										

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 **David Wymond Jr.**
 SUPERVISING OFFICE STATION INDEX NO.

STATION (Climate) **University of Md. WNRRC** (River Station, if different) MONTH **Oct. 2003**
 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
1)

U.S. DEPT. OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL CENTER FOR ENVIRONMENTAL DATA SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE			REMARKS (Special observations, etc.)		
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS			Mark 'X' for all types occurring each day.						CONDITION	GAGE READING AT	TENDENCY			
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Obs. Snow, ice pellets, hail, ice on ground (ins.)	A.M.		NOON		P.M.						Fog	Ice Pellets
1	57	40	38	.76														
2	53	34	30	0														
3	57	30	45	.0														
4	57	42	37	.31														
5	62	36	35	.0														
6	62	35	41	.0														
7	67	39	49	.0														
8	73	39	51	.0														
9	75	48	48	.0														
10	73	48	56	.0														
11	68	51	51	.0														
12	76	49	45	.0														
13	63	44	45	.0														
14	59	56	55	1.11														
15	59	40	42	.0														
16	66	39	47	.12														
17	54	44	38	.0														
18	56	37	45	.0														
19	63	40	35	.0														
20	64	34	56	.0														
21	76	49	50	.11														
22	56	43	37	.06														
23	48	33	27	.0														
24	55	27	38	.0														
25	62	35	54	.0														
26	67	52	61	.07														
27	62	38	32	.84														
28	56	36	45	.08														
29	55	32	33	.39														
30	73	40	42	.0														
31			45															
SUM			SUM	3.85														

CONDITION OF RIVER AT GAGE
 A. Obstructed by rough ice. E. Ice gorge below gage
 B. Frozen, but open at gage. F. Shore ice.
 C. Upper surface of smooth ice. G. Flooding ice.
 D. Ice gorge above gage. H. Pool stage.

CHECK BAR (For wire-weight) NORMAL CK. BAR
 READING DATE
 OBSERVER SUPERVISING OFFICE STATION INDEX NO.

Frost

XXX

STATION (Climate) **University of Md. WMREC** (River Station, if different)
 MONTH **Nov** **2003**
 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 *Fl.* FLOOD STAGE *Fl.* NORMAL POOL STAGE

FORM B-91
 7)

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)	
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS			Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY		
	MAX.	MIN.		Plain, melted snow, etc. (Ins. and hundredths)	Snow, ice pellets, (Ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (Ins.)	A.M.		NOON		P.M.					CONDITION
			1				2	3	4	5	6	7	8	9		
1	76	44	.0													
2	78	49	50	.0												
3	79	50	45	.0												
4	80	45	66	.0												
5	73	61	59	.16												
6	63	58	49	.17												
7	58	48	38	.0												
8	48	34	22	.0												
9	42	22	20	.0												
10	48	19	39	.0												
11	51	38	48	.06												
12	59	46	44	.77												
13	59	36	34	.0												
14	48	34	36	.0												
15	53	34	43	.0												
16	52	42	40	.0												
17	58	34	47	.0												
18	54	46	62	.0												
19	67	45	47	1.42												
20	54	33	33	.0												
21	70	31	34	.0												
22	66	34	45	.0												
23	58	41	49	.0												
24	62	35	30	.47												Mix with Rain
25	41	29	29	0												
26	47	38	34	0												
27	53	33	51	0												
28	64	41	34	.77												
29	42	31	29	.0												
30	51	28	48	.0												
31																
SUM			SUM	3.82												

- A. Obstructed by rough ice.
- B. Frozen, but open at gage.
- C. Upper surface of smooth ice.
- D. Ice garge above gage.
- E. Ice garge below gage.
- F. Shore ice.
- G. Floating ice.
- H. Pool stage.

OBSERVER **David Whypard Jr.**
 SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climate) University of Md. WMREC (River Station, if different)		MONTH Dec	2003
STATE MARYLAND	COUNTY Washington	RIVER	
TIME (local) OF OBSERVATION	TEMP.	PRECIPITATION	STANDARD TIME IN USE
TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE	NORMAL POOL STAGE

FORM B-91
1)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)			
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS		At Obs.	Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY				
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	At Obs.		Time of observation if different from above											
	7:30 AM			24-HR AMOUNTS	At Obs.	Draw a straight line (—) through hours precipitation was observed, and a wavy line (wavy) through hours precipitation probably occurred unobserved.						CONDITION	GAGE READING AT	TENDENCY				
1	52	37	31	.0														
2	38	29	19	.0														
3	34	19	21	.0														
4	37	21	30	.0														
5	33	29	26	.0														
6	30	22	15	.0	6"	6"												
7	32	16	13	1.10														
8	36	24	25	.0														
9	38	19	34	.0														
10	55	32	42	.0														
11	46	36	33	.99														
12	38	28	21	.0														
13	30	20	26	.0														
14	30	25	34	.0		3"												
15	38	22	17	.0	4"												Rain, Mist	
16	43	17	34	.78														
17	39	30	29	.0														
18	32	17	24	.0														
19	32	17	18	.0														
20	34	16	24	.0														
21	37	16	36	.0														
22	51	31	39	.0														
23	58	37	54	.0														
24	55	32	22	.45														
25	37	22	33	.0														
26	40	31	33	.0														
27	50	23	19	.0														
28	45	19	24	.0														
29	53	33	47	.01														
30	50	31	21	.05														
31	51	21	33	.0														
SUM			SUM	3.38														
CONDITION OF RIVER AT GAGE				CHECK BAR (For wire-weight) NORMAL CK. BAR		OBSERVER						SUPERVISING OFFICE		STATION INDEX NO.				
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.		David W. Lyford Jr.												