STATION (Climatological): U. of Md. SREC | (River Station, if different) | MONTH: July | 19 80

RIVER | TYPE OF RIVER GAGE | COUNTY: Washington

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

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

WS FORM E-15 (10-77)

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 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.)	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				77		56		0									
2				81	55	62		0									
3				92	60	70		.08				-					
4				86	60			0									
5				89	66			.64							X		
6				78	64			0									
7				78	41	56		0									
8				84	55	62		.71							X	X	
9				69	53	61		0									
10				85	61	65		0									
11				85	56	61		0									
12								0									
13								0									
14				89	19	59		0									
15				87	59	71		0									
16				91	67	76		0									
17																	
18				98	59	66		0									
19																	
20																	
21				99	62	74		0									
22				99	68	72		.24							X	X	
23				82	65	66		1.12									
24				82	59	64		0									
25				84	54	64		0									
26				87	63			0									
27				88	67			0									
28				84	65	69		.09									
29				83	67	68		0									
30				84	59	64		1.24							X		
31				86	59	65											
SUM			X			X		SUM 4.72									
								Greatest 1.24				Fog	Ice Pel.	Glaze	Thun-der	Hail	Damag winds

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 on 7/8 Med hail at 12 noon smaller than a pea; .15 in rain between 8:30-10:30 pm
.24 rain between 12-3 pm

reading for 12 + 13 is on 7/14 - graph broke
reading for 17, 19, 20 not taken graph broken

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: Allnutt

STATION INDEX NO.

NWS FORM E-19 (10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological): U. of Md. SREC (River Station, if different)
MONTH: August 19 80
RIVER
TYPE OF RIVER GAGE
COUNTY: Washington
TIME (local) OF OBSERVATION RIVER
TEMPERATURE | PRECIPITATION
STANDARD TIME IN USE: E D
STATE: Maryland
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.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	PRECIPITATION: Draw a straight line (———) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. A.M. NOON P.M. 1 2 3 4 5 6 7 8 9 10 11 1 2 3 4 5 6 7 8 9 10 11	24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & tenths)	At Ob. Time of Obsn. if different from above: 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
1				86	59	82		.02								
2				88	62			0								
3				88	62			0								
4				90	66	69		.01								
5				93	63	68		.06								
6				93	65	71		0								
7				87	60	65		0								
8				92	61	69		0								
9				94	68			0								
10				92	68			0								
11				92	66	68		.32						X		
12				91	65	70		.18						X		
13				85	55	64		0								
14				84	55	59		0								
15				92	59	70		0								
16				78	58			0								
17				75	47			0								
18				91	45	59		.75								
19				73	59	64		.04								
20				84	57	65		.04								
21				82	64	65		0								
22				76	52	61		0								
23				80	61			0								
24				84	58			0								
25				87	53	62		0								
26				90	53	64		0								
27				91	55	60		0								
28				91	57	65		0								
29				92	59	63		0								
30				92	68			0								
31				90	66			0								
SUM			X			X		1.42		X						
								Greatest .75								

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

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.

Fog | Ice Pel. | Glaze | Thun-der | Hail | Damag winds
X | | | X | X | |

OBSERVER Allnutt

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) U. of Md. SREC (River Station, if different)

MONTH Sept. 1980

RIVER

TYPE OF RIVER GAGE

COUNTY Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE | PRECIPITATION

STANDARD TIME IN USE E D

STATE Maryland

ELEVATION OF RIVER GAGE ZERO Ft.

FLOOD STAGE Ft.

NORMAL POOL STAGE Ft.

(10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	PRECIPITATION: 24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths)	PRECIPITATION: 24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & tenths)	PRECIPITATION: 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	66		0									
2				96	66		0							X		
3				97	60	61	.80									
4				84	53	62	0									
5				70	61	63	.06							X		
6				88	62		0									
7				88	56		0									
8				78	51		0									
9				84	48	52	0									
10				86	52	60	.34									
11				75	37	39	0									
12				81	40	46	0									
13				83	52		0									
14				86	57		0									
15				84	60		0									
16				80	45	52	0									
17				72	60		0									
18				82			.10									
19				82	43	45	0									
20				80	50		0									
21				82	59		0									
22				90	64	65	.01									
23				98	65	70	.85									
24				82	50	52	0									
25				79	51	59	.20									
26				70	53	53	.03									
27				68	32		0									
28				66	33		0									
29				73	37		0									
30				79	36	45	0									
31																
SUM		X				X	1.89		X							
Greatest							.80									

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

A.M. NOON P.M.

1 2 3 4 5 6 7 8 9 10 11 | 1 2 3 4 5 6 7 8 9 10 11

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

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

OBSERVER Allnutt

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) U. of Md. SREC | Oct. 19 80 | (10-77)

NATIONAL WEATHER SERVICE

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE | PRECIPITATION | STANDARD TIME IN USE EO 8:00AM

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

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: 24-HR AMOUNTS: Rain, melted snow, etc. (ins. & hundredths)	PRECIPITATION: 24-HR AMOUNTS: Snow, ice pellets, hail (ins. & tenths)	PRECIPITATION: 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				77	39	42	0									
2				81	42	53	0									
3				83	44	48	.05									
4				65	40		0									
5				58	36		0									
6				59	26		0									
7				64	25	40	.25									
8				70	32	47	0									
9				79	36		0									
10				79	49	49	0									
11				52	41		0									
12				72	36		0									
13				56	40	41	.10									
14				54	26		0									
15				56	36		0									
16				82	33	39	0									
17							0									
18				78	62		.21									
19				76	50		0									
20				69	34		0									
21				57	37	45	0									
22				71	32	40	0									
23				62	20	22	0									
24				53	22	29										
25				58	24	45	1.67									
26				49	34	37	.32									
27				46	29	33	T									
28				51	32	44	.02									
29				61	26	35	.02									
30				64	21	24	0									
31				52	20		0									
SUM							SUM 2.64									
							Greatest 1.67									

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.

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER Allnutt

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

STATION (Climatological) U. of Md. SREC | Nov. 1980 | (10-77)

NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

RIVER | TYPE OF RIVER GAGE | COUNTY: Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE | PRECIPITATION | STANDARD TIME IN USE: EST 8:00AM

STATE: Maryland | 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.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	PRECIPITATION: Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. (A.M. / NOON / P.M.)	24-HR AMOUNTS: Rain, melted snow, etc. (ins. & hundreths)	24-HR AMOUNTS: Snow, ice pellets, hail (ins. & tenths)	At Ob.: Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) MARK 'X' FOR ALL TYPES OCCURRING EACH DAY: FOG	ICE PELLETS	GLAZE	THUNDER	HAIL	DAMAGING WINDS	Time of Obsn. if different from above
1				61	32			0									
2				56	30			0									
3				46	20			0									
4				59	30	45		.01									
5				53	34	40		.04									
6								0									
7						44		0									
8				66	43	51		.03									
9				59	32			0									
10				58	36	50		T									
11				54	32	33		0									
12				44	27	30		0									
13				49	21	27		0									
14				60	26	46		0									
15				64	44			0									
16				46	29			0									
17				42	17	22		.13									
18				33	19	29		1.06					X				
19				37	25	31		0									
20				40	41	17		0									
21				44	16	20		0									
22				46	22			0									
23				46	18			0									
24				43	28	36		.58									
25				41	31	39		1.31									
26				46	21	30		0									
27				40	24			0									
28				36	30			0									
29				36	22			0									
30				40	31			.23									
31																	
SUM			X			X		SUM 3.39		X							

Greatest 1.31

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

rain recorded for 11/30/80 fell on 11/27 + 11/28

Missing data of 11/6 + 11/7 not taken, graph paper was not changed until 11/7

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 Pilnutt

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) U. of Md. SREC (River Station, if different) | MONTH Dec. | 19 26

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE | PRECIPITATION | STANDARD TIME IN USE EST 8:00AM

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

WS FORM E-15 (10-77)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	RIVER STAGE: CONDITION	RIVER STAGE: GAGE READING AT ___ A.M.	RIVER STAGE: TENDENCY	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MAX.	TEMPERATURE °F: 24 HRS. ENDING AT OBSERVATION: MIN.	TEMPERATURE °F: AT OBSN.	PRECIPITATION: Draw a straight line (———) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. (A.M. NOON P.M.)	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.	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	30	41		0																
2				65	31	35		0																
3				62	12	27		.19																
4				38	14	17		0																
5				39	16	23		0																
6				40	28	25		0																
7				46	30			0																
8				60	44			0																
9				68	48			0																
10				52	34	36		.09																
11				40	27	27		0																
12				31	25	30		T	T	T														
13				42	30			0																
14				52	16			0																
15				42	16			0																
16				33	19	25		.06																
17				34	18	19		0																
18				33	12	25		0																
19				49	22	39		0																
20				40	6	10		0																
21				18				0																
22				22	-1	5		0																
23				27	5	23		0																
24				40	23			0																
25				34				0																
26				14				0																
27				21				0																
28				27	10			0																
29				28	22			0																
30				34	28			0																
31				39	22			0																
SUM			X			X		SUM .34		X														
								Greatest .19																

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

Precipitation of the 16th was snow
for Min Temps of 21, 25, 26, 27
temp was below 10°F - graph
only read to 10°F

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

CHECK BAR (For wire-weight) NORMAL CK BAR

READING | DATE

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER Allnutt