STATION (Climatological) U. of Md. SREC | January 1981 | (10-77) NATIONAL WEATHER SERVICE

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

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

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: Draw a straight line (———) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. (A.M. 1 2 3 4 5 6 7 8 9 10 11 NOON P.M. 1 2 3 4 5 6 7 8 9 10 11) | 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 | | | | 25 | 20 | | | 0 | | | | | | | | | |
| 2 | | | | 29 | 20 | | | 0 | | | | | | | | | |
| 3 | | | | 29 | | | | 0 | | | | | | | | | |
| 4 | | | | 31 | | | | 0 | | | | | | | | | |
| 5 | | | | 10 | | | | 0 | | | | | | | | | |
| 6 | | | | 19 | | | | 0 | | | | | | | | | |
| 7 | | | | | | | | 0 | | | | | | | | | |
| 8 | | | | | | | | 0 | | | | | | | | | |
| 9 | | | | | | | | 0 | | | | | | | | | |
| 10 | | | | | | | | 0 | | | | | | | | | |
| 11 | | | | | | | | 0 | | | | | | | | | |
| 12 | | | | | | | | 0 | | | | | | | | | |
| 13 | | | | | | | | 0 | | | | | | | | | |
| 14 | | | | 19 | 9 | | | 0 | | | | | | | | | |
| 15 | | | | 28 | 15 | | | 0 | | | | | | | | | |
| 16 | | | | 26 | 20 | | | 0 | | | | | | | | | |
| 17 | | | | 34 | 14 | | | 0 | | | | | | | | | |
| 18 | | | | 22 | 10 | | | 0 | | | | | | | | | |
| 19 | | | | 30 | 18 | | | 0 | | | | | | | | | |
| 20 | | | | 44 | 32 | | | 0 | | | | | | | | | |
| 21 | | | | 47 | 30 | | | 0 | | | | | | | | | |
| 22 | | | | 30 | 21 | | | .16 | | | | | | | | | |
| 23 | | | | 44 | 26 | | | 0 | | | | | | | | | |
| 24 | | | | 36 | 28 | | | 0 | | | | | | | | | |
| 25 | | | | 35 | 16 | | | 0 | | | | | | | | | |
| 26 | | | | 44 | | | | 0 | | | | | | | | | |
| 27 | | | | 47 | 34 | | | 0 | | | | | | | | | |
| 28 | | | | 48 | 20 | | | 0 | | | | | | | | | |
| 29 | | | | 41 | 22 | | | 0 | | | | | | | | | |
| 30 | | | | 30 | 11 | | | 0 | | | | | | | | | |
| 31 | | | | 32 | 8 | | | 0 | | | | | | | | | |
| SUM | | | X | | | X | | .16 | | X | | | | | | | |

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 Jan. 7 thru 13 not reading - graph malfunction

Jan 3 thru 6 min was below 10°F - graph does not go below 10°F

Precip of 1/22 fell as snow early of 1/21 and morning of 1/21

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.

| | Sum | Greatest |
|---|---|---|
| | .16 | .16 |

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

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

| READING | DATE |
|---|---|
| | |
| | |
| | |

OBSERVER Allnutt

SUPERVISING OFFICE

STATION INDEX NO.

U. of Md. SAEC | February 1981

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.

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. 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) on ground (Ins.) | At Ob. Snow, ice pellets, hail, ice | 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 | | | | 32 | 10 | | | | | | | | | | | | |
| 2 | | | | 43 | 20 | | | .85 | | | | | | | | | |
| 3 | | | | 42 | 9 | | | .13 | | | | | | | | | |
| 4 | | | | 17 | 7 | | | 0 | | | | | | | | | |
| 5 | | | | 24 | 5 | | | 0 | | | | | | | | | |
| 6 | | | | [illegible] | | | | 0 | | | | | | | | | |
| 7 | | | | 38 | 20 | | | 0 | | | | | | | | | |
| 8 | | | | 38 | 20 | | | 0 | | | | | | | | | |
| 9 | | | | 34 | 10 | | | .06 | | | | | | | | | |
| 10 | | | | 31 | 14 | | | .48 | | | | | | | | | |
| 11 | | | | 52 | 26 | | | 0 | | | | | | | | | |
| 12 | | | | 55 | 41 | | | 0 | | | | | | | | | |
| 13 | | | | 18 | 7 | | | 0 | | | | | | | | | |
| 14 | | | | 29 | 12 | | | 0 | | | | | | | | | |
| 15 | | | | 42 | 16 | | | 0 | | | | | | | | | |
| 16 | | | | 46 | 25 | | | 0 | | | | | | | | | |
| 17 | | | | 56 | 35 | | | 0 | | | | | | | | | |
| 18 | | | | 56 | 36 | | | 0 | | | | | | | | | |
| 19 | | | | 66 | 48 | | | 0 | | | | | | | | | |
| 20 | | | | 56 | 47 | | | 1.45 | | | | | | | | | |
| 21 | | | | 54 | 40 | | | 0 | | | | | | | | | |
| 22 | | | | 54 | 42 | | | 0 | | | | | | | | | |
| 23 | | | | 52 | 42 | | | .50 | | | | | | | | | |
| 24 | | | | 55 | 28 | | | .30 | | | | | | | | | |
| 25 | | | | 43 | 32 | | | 0 | | | | | | | | | |
| 26 | | | | 40 | 31 | | | 0 | | | | | | | | | |
| 27 | | | | 43 | 26 | | | 0 | | | | | | | | | |
| 28 | | | | 52 | 25 | | | 0 | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | |
| SUM | | X | | | | X | | 3.22 | | X | | | | | | | |
| | | | | | | | | Greatest 1.45 | | | | | | | | | |

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 reaching for 2/23 fell fell throughout time since reading of 2/20

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

STATION (Climatological) U. of Md. SREC | March 19 81 | (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 8:00 AM

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. & 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 | | | | 51 | 38 | | | 0 | | | | | | | | | |
| 2 | | | | 42 | 32 | | | .13 | | | | | | | | | |
| 3 | | | | 39 | 25 | | | 0 | | | | | | | | | |
| 4 | | | | 34 | 16 | | | 0 | | | | | | | | | |
| 5 | | | | 38 | 28 | | | 0 | | | | | | | | | |
| 6 | | | | 31 | 29 | | | .63 | | | | | | | | | |
| 7 | | | | 35 | 22 | | | 0 | | | | | | | | | |
| 8 | | | | 34 | 24 | | | 0 | | | | | | | | | |
| 9 | | | | 37 | 30 | | | 0 | | | | | | | | | |
| 10 | | | | 47 | 25 | | | 0 | | | | | | | | | |
| 11 | | | | 48 | 25 | | | 0 | | | | | | | | | |
| 12 | | | | 54 | 29 | | | 0 | | | | | | | | | |
| 13 | | | | 62 | 41 | | | 0 | | | | | | | | | |
| 14 | | | | 58 | 30 | | | 0 | | | | | | | | | |
| 15 | | | | 64 | 31 | | | 0 | | | | | | | | | |
| 16 | | | | 60 | 33 | | | 0 | | | | | | | | | |
| 17 | | | | 43 | 19 | | | .32 | | | | | | | | | |
| 18 | | | | 42 | 12 | | | 0 | | | | | | | | | |
| 19 | | | | 40 | 16 | | | 0 | | | | | | | | | |
| 20 | | | | 42 | 22 | | | 0 | | | | | | | | | |
| 21 | | | | 41 | 34 | | | 0 | | | | | | | | | |
| 22 | | | | 50 | 22 | | | 0 | | | | | | | | | |
| 23 | | | | 55 | 36 | | | 0 | | | | | | | | | |
| 24 | | | | 54 | 23 | | | 0 | | | | | | | | | |
| 25 | | | | 55 | 22 | | | 0 | | | | | | | | | |
| 26 | | | | 64 | 19 | | | 0 | | | | | | | | | |
| 27 | | | | 62 | 42 | | | 0 | | | | | | | | | |
| 28 | | | | 66 | 26 | | | 0 | | | | | | | | | |
| 29 | | | | 80 | 27 | | | 0 | | | | | | | | | |
| 30 | | | | 72 | 52 | | | 0 | | | | | | | | | |
| 31 | | | | 77 | 55 | | | .40 | | | | | | | | | |
| SUM | | X | | | | X | | 1.54 | | X | | | | | | | |
| | | | | | | | | Greatest .63 | | | | | | | | | |

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 on 3/2 fell 2/28

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

STATION (Climatological) U. of Md SREC | (River Station, if different) | MONTH April | 19 81

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

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

STATE Md. | 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: Draw a straight line (———) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. (A.M. 1 2 3 4 5 6 7 8 9 10 11 NOON P.M. 1 2 3 4 5 6 7 8 9 10 11) | PRECIPITATION: 24-HR AMOUNTS: Rain, melted snow, etc. (Ins. & hundredths) | PRECIPITATION: 24-HR AMOUNTS: Snow, ice pellets, hail (Ins. & tenths) | WEATHER (Calendar Day): 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 | | | | 64 | 42 | | | 0 | | | | | | | | | |
| 2 | | | | 70 | 52 | | | .23 | | | | | | | | | |
| 3 | | | | 83 | 36 | | | 0 | | | | | | | | | |
| 4 | | | | 82 | 53 | | | 0 | | | | | | | | | |
| 5 | | | | 74 | 50 | | | 0 | | | | | | | | | |
| 6 | | | | 70 | 39 | | | .33 | | | | | | | | | |
| 7 | | | | 65 | 22 | | | 0 | | | | | | | | | |
| 8 | | | | 78 | 36 | | | 0 | | | | | | | | | |
| 9 | | | | 78 | 51 | | | 0 | | | | | | | | | |
| 10 | | | | 69 | 32 | | | .03 | | | | | | | | | |
| 11 | | | | 80 | 49 | | | 0 | | | | | | | | | |
| 12 | | | | 74 | 56 | | | 0 | | | | | | | | | |
| 13 | | | | 58 | 40 | | | 1.44 | | | | | | | | | |
| 14 | | | | 69 | 44 | | | .64 | | | | | | | | | |
| 15 | | | | 62 | 39 | | | 0 | | | | | | | | | |
| 16 | | | | 70 | 41 | | | 0 | | | | | | | | | |
| 17 | | | | 78 | 50 | | | 0 | | | | | | | | | |
| 18 | | | | 74 | 58 | | | 0 | | | | | | | | | |
| 19 | | | | 62 | 39 | | | 0 | | | | | | | | | |
| 20 | | | | 60 | 48 | | | .38 | | | | | | | | | |
| 21 | | | | 58 | 29 | | | 0 | | | | | | | | | |
| 22 | | | | 65 | 29 | | | 0 | | | | | | | | | |
| 23 | | | | 65 | 50 | | | 0 | | | | | | | | | |
| 24 | | | | 62 | 49 | | | .29 | | | | | | | | | |
| 25 | | | | 49 | 39 | | | 0 | | | | | | | | | |
| 26 | | | | 63 | 32 | | | 0 | | | | | | | | | |
| 27 | | | | 74 | 49 | | | .08 | | | | | | | | | |
| 28 | | | | 86 | 45 | | | 0 | | | | | | X | | | |
| 29 | | | | 75 | 54 | | | .08 | | | | | | | | | |
| 30 | | | | 61 | 50 | | | 0 | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | |
| SUM | | X | | | | X | | 3.50 | | X | | | | | | | |
| | | | | | | | | Greatest 1.44 | | | | | | | | | |

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.

OBSERVER

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) U. of Md SREC | (River Station, if different) | MONTH MAY | 19 81

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

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

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

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE
(10-77)

# 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 P.M. 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. 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 | | | | 55 | 42 | | | 0 | | | | | | | | | |
| 2 | | | | 62 | 41 | | | .94 | | | | | | | | | |
| 3 | | | | 70 | 30 | | | 0 | | | | | | | | | |
| 4 | | | | 80 | 40 | | | 0 | | | | | | | | | |
| 5 | | | | 81 | 44 | | | 0 | | | | | | | | | |
| 6 | | | | 76 | 50 | | | 0 | | | | | | | | | |
| 7 | | | | 65 | 30 | | | .09 | | | | | | | | | |
| 8 | | | | 67 | 29 | | | 0 | | | | | | | | | |
| 9 | | | | 65 | 34 | | | 0 | | | | | | | | | |
| 10 | | | | 70 | 41 | | | 0 | | | | | | | | | |
| 11 | | | | 74 | 61 | | | .30 | | | | | | | | | |
| 12 | | | | 73 | 53 | | | 1.54 | | | | | | | | | |
| 13 | | | | 72 | 38 | | | 0 | | | | | | | | | |
| 14 | | | | 81 | 51 | | | 0 | | | | | | | | | |
| 15 | | | | 79 | 52 | | | 0 | | | | | | | | | |
| 16 | | | | 59 | 54 | | | .13 | | | | | | | | | |
| 17 | | | | 70 | 40 | | | 0 | | | | | | | | | |
| 18 | | | | 60 | 48 | | | 0 | | | | | | | | | |
| 19 | | | | 51 | 47 | | | .24 | | | | | | | | | |
| 20 | | | | 72 | 42 | | | .17 | | | | | | | | | |
| 21 | | | | 78 | 36 | | | 0 | | | | | | | | | |
| 22 | | | | 81 | 41 | | | 0 | | | | | | | | | |
| 23 | | | | 82 | 46 | | | 0 | | | | | | | | | |
| 24 | | | | 82 | 47 | | | 0 | | | | | | | | | |
| 25 | | | | 86 | 51 | | | 0 | | | | | | | | | |
| 26 | | | | 80 | 56 | | | 0 | | | | | | | | | |
| 27 | | | | 81 | 59 | | | 0 | | | | | | | | | |
| 28 | | | | 79 | 64 | | | .13 | | | | | | | | | |
| 29 | | | | 77 | 63 | | | 0 | | | | | | | | | |
| 30 | | | | 80 | 55 | | | 1.08 | | | | | | | | | |
| 31 | | | | 75 | 64 | | | .13 | | | | | | | | | |
| SUM | | X | | | X | | | 4.82 | | X | | | | | | | |
| | | | | | | | | Greatest 1.54 | | | | | | | | | |

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

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.

STATION (Climatological) U. of Md. SREC | June 19 81

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

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

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: Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. (A.M. 1 2 3 4 5 6 7 8 9 10 11 NOON P.M. 1 2 3 4 5 6 7 8 9 10 11) | 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 | | | | 78 | 44 | | | | 0 | | | | | | | | |
| 2 | | | | 64 | 58 | | | | .28 | | | | | | | | |
| 3 | | | | 70 | 60 | | | | 0 | | | | | | | | |
| 4 | | | | 75 | 55 | | | | .37 | | | | | | | | |
| 5 | | | | 84 | 53 | | | | .59 | | | | | | | | |
| 6 | | | | 75 | 67 | | | | 0 | | | | | | | | |
| 7 | | | | 79 | 56 | | | | .04 | | | | | | | | |
| 8 | | | | 82 | 52 | | | | 0 | | | | | | | | |
| 9 | | | | 80 | 68 | | | | 0 | | | | | | | | |
| 10 | | | | 80 | 62 | | | | .68 | | | | | | | | |
| 11 | | | | 78 | 54 | | | | .02 | | | | | | | | |
| 12 | | | | 83 | 59 | | | | T | | | | | | | | |
| 13 | | | | 82 | 64 | | | | 0 | | | | | | | | |
| 14 | | | | 85 | 70 | | | | 0 | | | | | | | | |
| 15 | | | | 92 | 68 | | | | .30 | | | | | | | | |
| 16 | | | | 74 | 65 | | | | 0 | | | | | | | | |
| 17 | | | | 90 | 66 | | | | T | | | | | | | | |
| 18 | | | | 78 | 50 | | | | 0 | | | | | | | | |
| 19 | | | | 78 | 60 | | | | 0 | | | | | | | | |
| 20 | | | | 82 | 64 | | | | 0 | | | | | | | | |
| 21 | | | | 74 | 52 | | | | 0 | | | | | | | | |
| 22 | | | | 83 | 65 | | | | 1.35 | | | | | | | | |
| 23 | | | | 77 | 53 | | | | 0 | | | | | | | | |
| 24 | | | | 83 | 56 | | | | 0 | | | | | | | | |
| 25 | | | | 80 | 66 | | | | .10 | | | | | | | | |
| 26 | | | | 88 | 58 | | | | 0 | | | | | | | | |
| 27 | | | | 70 | 42 | | | | 0 | | | | | | | | |
| 28 | | | | 74 | 44 | | | | 0 | | | | | | | | |
| 29 | | | | 77 | 48 | | | | 0 | | | | | | | | |
| 30 | | | | 81 | 58 | | | | 0 | | | | | | | | |
| 31 | | | | | | | | | — | | | | | | | | |
| SUM | | | | | | | | SUM | 4.13 | | | | | | | | |
| | | | | | | | | Greatest | | | | | | | | | |

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

Precip recorded for 6/22 - fell evening of 6/19 + 6/21

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

(10-77) NATIONAL WEATHER SERVICE

# RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

| | | | |
|---|---|---|---|
| RIVER: U. of Md. SREC | TYPE OF RIVER GAGE: | COUNTY: July 19 87 / Washington | |
| TIME (local) OF OBSERVATION RIVER | TEMPERATURE: 82m | PRECIPITATION: 82m | STANDARD TIME IN USE: EDT |
| STATE | 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.: 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 | | | | 83 | 62 | | | 0 | | | | | | | | | |
| 2 | | | | 80 | 61 | | | .04 | | | | | | | | | |
| 3 | | | | 74 | 65 | | | T | | | | | | | | | |
| 4 | | | | 74 | 62 | | | T | | | | | | | | | |
| 5 | | | | 71 | 60 | | | 0 | | | | | | | | | |
| 6 | | | | 72 | 60 | | | 1.54 | | | | | | | | | |
| 7 | | | | 82 | 61 | | | 0 | | | | | | | | | |
| 8 | | | | 85 | 61 | | | 0 | | | | | | | | | |
| 9 | | | | 88 | 69 | | | 0 | | | | | | | | | |
| 10 | | | | 90 | 70 | | | 0 | | | | | | | | | |
| 11 | | | | 86 | 58 | | | 0 | | | | | | | | | |
| 12 | | | | 87 | 59 | | | 0 | | | | | | | | | |
| 13 | | | | 83 | 65 | | | 0 | | | | | | | | | |
| 14 | | | | 82 | 64 | | | 0 | | | | | | | | | |
| 15 | | | | 82 | 48 | | | 0 | | | | | | | | | |
| 16 | | | | 80 | 54 | | | 0 | | | | | | | | | |
| 17 | | | | 72 | 52 | | | 0 | | | | | | | | | |
| 18 | | | | 84 | 54 | | | 0 | | | | | | | | | |
| 19 | | | | 92 | 58 | | | 0 | | | | | | | | | |
| 20 | | | | 88 | 68 | | | 0 | | | | | | X | | | |
| 21 | | | | 88 | 66 | | | .63 | | | | | | | | | |
| 22 | | | | 83 | 62 | | | 0 | | | | | | | | | |
| 23 | | | | 77 | 49 | | | 0 | | | | | | | | | |
| 24 | | | | 78 | 53 | | | 0 | | | | | | | | | |
| 25 | | | | 69 | 60 | | | 1.09 | | | | | | | | | |
| 26 | | | | 67 | 63 | | | 0 | | | | | | | | | |
| 27 | | | | 81 | 66 | | | .94 | | | | | | | | | |
| 28 | | | | 82 | 62 | | | 0 | | | | | | | | | |
| 29 | | | | 76 | 64 | | | 1.63 | | | | | | X | X | | |
| 30 | | | | 73 | 44 | | | 0 | | | | | | | | | |
| 31 | | | | 82 | 53 | | | 0 | | | | | | | | | |
| SUM | | | | | | | | SUM 5.87 | | | | | | | | | |
| | | | | | | | | Greatest 1.63 | | | | | | | | | |

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

Precip recorded for 7/6 - fell evening of 7/2 + 7/4

Precip recorded for 7/27 - fell 7/25 + 7/26

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 Abbott

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological): U. of Md. SREC | (River Station, if different) | MONTH: August | 19 71

RIVER | TYPE OF RIVER GAGE | COUNTY: Washington

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

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: 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 80 | 52 | | | 0 | | | | | | | | | |
| 2 | | | | 79 | 52 | | | 0 | | | | | | | | | |
| 3 | | | | 82 | 62 | | | .03 | | | | | | | | | |
| 4 | | | | 72 | 63 | | | .32 | | | | | | | | | |
| 5 | | | | 83 | 65 | | | T | | | | | | | | | |
| 6 | | | | 83 | 60 | | | 0 | | | | | | | | | |
| 7 | | | | *88 | 66 | | | .53 | | | | | | | | | |
| 8 | | | | 76 | 61 | | | 0 | | | | | | | | | |
| 9 | | | | 72 | 59 | | | .09 | | | | | | | | | |
| 10 | | | | 83 | 56 | | | 0 | | | | | | | | | |
| 11 | | | | 83 | 60 | | | 0 | | | | | | | | | |
| 12 | | | | 77 | 64 | | | T | | | | | | | | | |
| 13 | | | | 80 | 56 | | | T | | | | | | | | | |
| 14 | | | | 80 | 58 | | | 0 | | | | | | | | | |
| 15 | | | | 84 | 62 | | | 0 | | | | | | | | | |
| 16 | | | | 83 | 62 | | | .01 | | | | | | | | | |
| 17 | | | | 79 | 64 | | | 0 | | | | | | | | | |
| 18 | | | | 72 | 36 | | | 0 | | | | | | | | | |
| 19 | | | | 36 | 42 | | | 0 | | | | | | | | | |
| 20 | | | | *80 | 44 | | | 0 | | | | | | | | | |
| 21 | | | | 76 | 41 | | | 0 | | | | | | | | | |
| 22 | | | | 80 | 41 | | | 0 | | | | | | | | | |
| 23 | | | | 78 | 42 | | | 0 | | | | | | | | | |
| 24 | | | | 80 | 43 | | | 0 | | | | | | | | | |
| 25 | | | | 83 | 45 | | | 0 | | | | | | | | | |
| 26 | | | | 76 | 46 | | | 0 | | | | | | | | | |
| 27 | | | | *86 | 52 | | | 0 | | | | | | | | | |
| 28 | | | | *87 | 56 | | | 0 | | | | | | | | | |
| 29 | | | | *87 | 57 | | | 0 | | | | | | | | | |
| 30 | | | | *80 | 63 | | | 0 | | | | | | | | | |
| 31 | | | | *77 | 62 | | | .63 | | | | | | | | | |
| SUM | | | | | | | | 1.61 | | | | | | | | | |
| | | | | | | | | Greatest: .63 | | | | | | | | | |

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

| DATE | TIME OF OBSERVATION | PRECIPITATION SINCE 7 A.M. | RIVER: STAGE | RIVER: TENDENCY | CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION |
|---|---|---|---|---|---|
| | | | | | |

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

CHECK BAR (For wire-weight) NORMAL CK BAR

| READING | DATE |
|---|---|
| | |
| | |
| | |

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

SUPERVISING OFFICE

STATION INDEX NO.

OBSERVER: Allnutt

STATION (Climatological) U. of Md. SREC (River Station, if different) MONTH Sept 19 81

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

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

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: 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) | WEATHER (Calendar Day): 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 | | | | 78 | 62 | | | .65 | | | | | | | | | |
| 2 | | | | 76 | 65 | | | .04 | | | | | | | | | |
| 3 | | | | 73 | 64 | | | 0 | | | | | | | | | |
| 4 | | | | 69 | 60 | | | 0 | | | | | | | | | |
| 5 | | | | 63 | 60 | | | 0 | | | | | | | | | |
| 6 | | | | 68 | 60 | | | 0 | | | | | | | | | |
| 7 | | | | 75 | 62 | | | 0 | | | | | | | | | |
| 8 | | | | 76 | 61 | | | 0 | | | | | | | | | |
| 9 | | | | 69 | 45 | | | .54 | | | | | | | | | |
| 10 | | | | 71 | 40 | | | 0 | | | | | | | | | |
| 11 | | | | 76 | 46 | | | 0 | | | | | | | | | |
| 12 | | | | 83 | 54 | | | 0 | | | | | | | | | |
| 13 | | | | 84 | 54 | | | 0 | | | | | | | | | |
| 14 | | | | 86 | 67 | | | 0 | | | | | | | | | |
| 15 | | | | 85 | 61 | | | 0 | | | | | | | | | |
| 16 | | | | 68 | 53 | | | .77 | | | | | | | | | |
| 17 | | | | 62 | 53 | | | 0 | | | | | | | | | |
| 18 | | | | 68 | 41 | | | 0 | | | | | | | | | |
| 19 | | | | 62 | 42 | | | 0 | | | | | | | | | |
| 20 | | | | 59 | 42 | | | 0 | | | | | | | | | |
| 21 | | | | 65 | 44 | | | 0 | | | | | | | | | |
| 22 | | | | 70 | 46 | | | 0 | | | | | | | | | |
| 23 | | | | 76 | 41 | | | 0 | | | | | | | | | |
| 24 | | | | 58 | 40 | | | 0 | | | | | | | | | |
| 25 | | | | 64 | 34 | | | 0 | | | | | | | | | |
| 26 | | | | 72 | 47 | | | 0 | | | | | | | | | |
| 27 | | | | 77 | 49 | | | 0 | | | | | | | | | |
| 28 | | | | 82 | 54 | | | 0 | | | | | | | | | |
| 29 | | | | 64 | 30 | | | 0 | | | | | | | | | |
| 30 | | | | 66 | 40 | | | 0 | | | | | | | | | |
| 31 | | | | — | — | | | — | | | | | | | | | |
| SUM | | | X | | | X | | 2.00 | | X | | | | | | | |
| | | | | | | | | Greatest .77 | | | | | | | | | |

| 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 for 9/9 fell 9/8 & 9/9
9/29/81 - first frost - spotty

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 |
|---|---|
| | |
| | |
| | |

Fog | Ice Pel. | Glaze | Thunder | Hail | Damag winds

OBSERVER Allnutt

SUPERVISING OFFICE

STATION INDEX NO.

U. of Md. SREC | Oct 19 81

RIVER | TYPE OF RIVER GAGE | COUNTY: Washington

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

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

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 | | | | 64 | 46 | | 0 | | | | | | | | | |
| 2 | | | | | | | .63 | | | X | | | X | | | |
| 3 | | | | 52 | 40 | | 0 | | | | | | | | | |
| 4 | | | | 55 | 29 | | 0 | | | | | | | | | |
| 5 | | | | 62 | 30 | | T | | | | | | | | | |
| 6 | | | | 74 | 47 | | 0 | | | | | | | | | |
| 7 | | | | 68 | 49 | | .35 | | | | | | | | | |
| 8 | | | | 53 | 45 | | 0 | | | | | | | | | |
| 9 | | | | 55 | 30 | | 0 | | | | | | | | | |
| 10 | | | | 58 | 28 | | 0 | | | | | | | | | |
| 11 | | | | 52 | 32 | | 0 | | | | | | | | | |
| 12 | | | | 52 | 38 | | 0 | | | | | | | | | |
| 13 | | | | 56 | 27 | | 0 | | | | | | | | | |
| 14 | | | | 58 | 23 | | 0 | | | X | | | | | | |
| 15 | | | | 54 | 22 | | 0 | | | | | | | | | |
| 16 | | | | 60 | 26 | | 0 | | | | | | | | | |
| 17 | | | | 65 | 24 | | 0 | | | | | | | | | |
| 18 | | | | 58 | 31 | | 0 | | | | | | | | | |
| 19 | | | | 56 | 40 | | .18 | | | | | | | | | |
| 20 | | | | 47 | 27 | | 0 | | | | | | | | | |
| 21 | | | | 57 | 30 | | 0 | | | | | | | | | |
| 22 | | | | 70 | 32 | | 0 | | | | | | | | | |
| 23 | | | | 68 | 41 | | .14 | | | | | | | | | |
| 24 | | | | 52 | 30 | | .24 | | | | | | | | | |
| 25 | | | | 45 | 25 | | 0 | | | | | | | | | |
| 26 | | | | 40 | 34 | | .34 | | | | | | | | | |
| 27 | | | | 62 | 42 | | 1.78 | | | | | | | | | |
| 28 | | | | 62 | 50 | | 1.00 | | | | | | X | | | |
| 29 | | | | 60 | 30 | | 0 | | | | | | | | | |
| 30 | | | | 50 | 32 | | 0 | | | | | | | | | |
| 31 | | | | 48 | 32 | | 0 | | | | | | | | | |
| SUM | | | X | | | X | 4.66 | | X | | | | | | | |
| Greatest | | | | | | | 1.78 | | | | | | | | | |

PRECIPITATION: *Draw a straight line (———) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved.* A.M. 1 2 3 4 5 6 7 8 9 10 11 NOON P.M. 1 2 3 4 5 6 7 8 9 10 11

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

| DATE | TIME OF OBSERVATION | PRECIPITATION SINCE 7 A.M. | RIVER: STAGE | RIVER: TENDENCY | CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION |
|---|---|---|---|---|---|

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

10/9 - heavy frost

10/13 - frost

10/14 - heavy frost (killing)

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

STATION (Climatological) U. of Md SREC (River Station, if different) MONTH Nov 19 81

(10-77) NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

# RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

RIVER | TYPE OF RIVER GAGE | COUNTY: Washington

TIME (local) OF OBSERVATION RIVER | TEMPERATURE: 8 a m | PRECIPITATION: 8 a m | STANDARD TIME IN USE

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: 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 | | | | 50 | 36 | | 0 | | | | | | | | | |
| 2 | | | | 58 | 40 | | 0 | | | | | | | | | |
| 3 | | | | 68 | 40 | | 0 | | | | | | | | | |
| 4 | | | | 62 | 28 | | 0 | | | | | | | | | |
| 5 | | | | 66 | 34 | | 0 | | | | | | | | | |
| 6 | | | | 62 | 38 | | .59 | | | | | | | | | |
| 7 | | | | 54 | 38 | | 0 | | | | | | | | | |
| 8 | | | | 47 | 30 | | 0 | | | | | | | | | |
| 9 | | | | 59 | 30 | | 0 | | | | | | | | | |
| 10 | | | | 54 | 34 | | 0 | | | | | | | | | |
| 11 | | | | 40 | 23 | | 0 | | | | | | | | | |
| 12 | | | | 50 | 22 | | 0 | | | | | | | | | |
| 13 | | | | 44 | 14 | | 0 | | | | | | | | | |
| 14 | | | | 47 | 22 | | 0 | | | | | | | | | |
| 15 | | | | 51 | 28 | | 0 | | | | | | | | | |
| 16 | | | | 59 | 40 | | 0 | | | | | | | | | |
| 17 | | | | 58 | 28 | | 0 | | | | | | | | | |
| 18 | | | | 52 | 34 | | 0 | | | | | | | | | |
| 19 | | | | 48 | 27 | | 0 | | | | | | | | | |
| 20 | | | | 53 | 36 | | .17 | | | | | | | | | |
| 21 | | | | 52 | 34 | | .01 | | | | | | | | | |
| 22 | | | | 36 | 31 | | 0 | | | | | | | | | |
| 23 | | | | 35 | 22 | | 0 | | | | | | | | | |
| 24 | | | | 38 | 19 | | T | | T | | | | | | | |
| 25 | | | | 28 | 18 | | .17 | | | | | | | | | |
| 26 | | | | 36 | 15 | | 0 | | | | | | | | | |
| 27 | | | | 40 | 15 | | 0 | | | | | | | | | |
| 28 | | | | 56 | 32 | | 0 | | | | | | | | | |
| 29 | | | | 38 | 33 | | 0 | | | | | | | | | |
| 30 | | | | 40 | 16 | | 0 | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | |
| SUM | | | X | | | X | .93 | | X | | | | | | | |
| Greatest | | | | | | | .59 | | | | | | | | | |

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
Precip. for 11/23/81, Pellet snow

OBSERVER Allnutt

SUPERVISING OFFICE

STATION INDEX NO.

STATION (Climatological) U. of Md. SREC | (River Station, if different) | Dec 19 81

(10-77) NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE

# RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

RIVER | TYPE OF RIVER GAGE | COUNTY Washington

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

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.: 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 | | | | 40 | 18 | | | .04 | | | | | | | | | |
| 2 | | | | 32 | 30 | | | .55 | | | | | | | | | |
| 3 | | | | 47 | 32 | | | 0 | | | | | | | | | |
| 4 | | | | 44 | 29 | | | 0 | | | | | | | | | |
| 5 | | | | 42 | 30 | | | 0 | | | | | | | | | |
| 6 | | | | 39 | 30 | | | 0 | | | | | | | | | |
| 7 | | | | 38 | 20 | | | 0 | | | | | | | | | |
| 8 | | | | 41 | 24 | | | .05 | | | | | | | | | |
| 9 | | | | 44 | 27 | | | 0 | | | | | | | | | |
| 10 | | | | 30 | 23 | | | 0 | | | | | | | | | |
| 11 | | | | 30 | 24 | | | 0 | | | | | | | | | |
| 12 | | | | 32 | 16 | | | 0 | | | | | | | | | |
| 13 | | | | 34 | 10 | | | 0 | | | | | | | | | |
| 14 | | | | 34 | 18 | | | 0 | | | | | | | | | |
| 15 | | | | 29 | 22 | | | .72 | | | | | | | | | |
| 16 | | | | 29 | 28 | | | .24 | | | | | | | | | |
| 17 | | | | 29 | 14 | | | 0 | | | | | | | | | |
| 18 | | | | 30 | 20 | | | 0 | | | | | | | | | |
| 19 | | | | 30 | 5 | | | 0 | | | | | | | | | |
| 20 | | | | 22 | 2 | | | 0 | | | | | | | | | |
| 21 | | | | 23 | -5 | | | 0 | | | | | | | | | |
| 22 | | | | 29 | -5 | | | .10 | | | | | | | | | |
| 23 | | | | 38 | 30 | | | 0 | | | | | | | | | |
| 24 | | | | 50 | 30 | | | 0 | | | | | | | | | |
| 25 | | | | 42 | 30 | | | 0 | | | | | | | | | |
| 26 | | | | 38 | 19 | | | 0 | | | | | | | | | |
| 27 | | | | 31 | 22 | | | 0 | | | | | | | | | |
| 28 | | | | 34 | 20 | | | 0 | | | | | | | | | |
| 29 | | | | 40 | 26 | | | 0 | | | | | | | | | |
| 30 | | | | 34 | 19 | | | 0 | | | | | | | | | |
| 31 | | | | 34 | 20 | | | 0 | | | | | | | | | |
| SUM | | X | | | | X | | SUM 1.70 | X | | | | | | | | |
| | | | | | | | | Greatest .72 | | | | | | | | | |

SPECIAL OBSERVATIONS OF PRECIPITATION & RIVER STAGES

| DATE | TIME OF OBSERVATION | PRECIPITATION SINCE 7 A.M. | RIVER: STAGE | RIVER: TENDENCY | CREST STAGE, DATE AND TIME, DEPTH OF SNOW OR ICE, STATE OF WEATHER AT TIME OF OBSERVATION |
|---|---|---|---|---|---|
| | | | | | |

IF MORE SPACE IS NEEDED, USE ADDITIONAL FORM

REMARKS

precip for 12/15 fell as snow melted about 12 noon then rain

precip for 12/16 fell as snow

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 |
|---|---|
| | |
| | |
| | |
| | |

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

OBSERVER Allnutt

SUPERVISING OFFICE

STATION INDEX NO.