

STATION (Climate) UNIVERSITY OF MARYLAND - WMREC (River Station, if different) MONTH Jan 2007

STATE MARYLAND COUNTY WASHINGTON RIVER Jones (12-93)

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 FL

FORM B-91  
(12-93)

U.S. DEPARTMENT 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<br>(Special observations, etc.) |          |     |             |       |               |      |                |  |  |
|------|-------------------------------|------|---|--------------------------------------|---|--|--|------|--|------|--|-------------|-----------------|---|----------|-----|-------------|-------|---------------|------|----------------|--|--|
|      | 24 HRS. ENDING AT OBSERVATION |      | 24-HR AMOUNTS                                 |                                      | At Obs  | 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) | Snow, ice pellets, hail, ice on ground (ins.) | A.M.                                       |  | NOON |  | P.M. |  |             |                 |   |          | Fog | Ice Pellets | Glaze | Thunder       | Hail | Damaging Winds |  |  |
| 1    | 47                            | 41   | .46   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 2    | 47                            | 26   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 3    | 55                            | 22   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 4    | 53                            | 27   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 5    | 61                            | 43   | .16   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 6    | 66                            | 52   | .10   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 7    | 52                            | 34   | .47   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 8    | 50                            | 35   | .24   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 9    | 44                            | 25   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       | Snow Flurries |      |                |  |  |
| 10   | 35                            | 19   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 11   | 40                            | 17   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 12   | 51                            | 36   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 13   | 57                            | 49   | .05   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 14   | 63                            | 51   | .05   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 15   | 61                            | 55   | .03   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 16   | 54                            | 25   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       | Snow Flurries |      |                |  |  |
| 17   | 31                            | 16   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 18   | 33                            | 18   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 19   | 40                            | 29   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 20   | 33                            | 21   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 21   | 25                            | 16   | .04   | .7                                   | .7  |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 22   | 31                            | 25   | T   | T                                    | .5  |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 23   | 39                            | 27   | .0  | T                                    |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 24   | 39                            | 36   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 25   | 35                            | 18   | T   | T                                    |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 26   | 29                            | 7    | T   |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 27   | 51                            | 17   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 28   | 44                            | 27   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 29   | 28                            | 17   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 30   | 39                            | 14   | .05   | .6                                   | .6  |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| 31   | 31                            | 15   | .0  |                                      |   |  |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |
| SUM  |                               |      | 1.65  |                                      |   | CHECK BAP (For wire-weight) NORMAL CK. BAP |  |      |  |      |  |             |                 |   |          |     |             |       |               |      |                |  |  |

CONDITION OF RIVER AT GAGE

READING DATE

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.

Observer: David Wilson Jr.

Supervising Office: \_\_\_\_\_

Station Index No: \_\_\_\_\_

|  |                   |                   |
|--|-------------------|-------------------|
| STATION (Climate) UNIVERSITY OF MARYLAND-WMREC (River Station, if different) |                   | MONTH Feb. 2007   |
| STATE MARYLAND   | COUNTY WASHINGTON | RIVER             |
| TIME (local) OF OBSERVATION RIVER  | TEMP.             | PRECIPITATION     |
| TYPE OF RIVER GAGE   |                   | NORMAL POOL STAGE |

FORM B-91  
(12-93)

U.S. DEPARTMENT 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<br>(Special observations, etc.) |                 |          |           |        |
|------|-------------------------------|------|----------|---|-------------------------------------|---|---|------|------|--|-------------|-------|-------------|------|------------|---|-----------------|----------|-----------|--------|
|      | 24 HRS. ENDING AT OBSERVATION |      | AT OBSN. | 24-HR AMOUNTS                                 |                                     | At Ob.<br>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. |      |      | Mark 'X' for all types occurring each day: |             |       |             |      |            |   | GAGE READING AT | 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 | Dam. Winds |   |                 |          | CONDITION | — A.M. |
| 1    | 35                            | 18   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 2    | 38                            | 26   |          | .06   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 3    | 32                            | 14   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 4    | 29                            | 10   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 5    | 16                            | 5    |          | 0   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 6    | 20                            | 2    |          | .01   | .3                                  |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 7    | 24                            | 10   |          | .06   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 8    | 24                            | 7    |          | 0   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 9    | 29                            | 13   |          | 6   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 10   | 31                            | 15   |          | 0   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 11   | 36                            | 7    |          | 0   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 12   | 43                            | 20   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 13   | 33                            | 22   |          | .40   | 3.2                                 |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 14   | 29                            | 18   |          | 1.29  | 5.0                                 | 5.0   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 15   | 22                            | 13   |          | .0  |                                     | 5   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 16   | 26                            | 8    |          | .0  |                                     | 5   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 17   | 35                            | 5    |          | .0  | T                                   | 4   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 18   | 30                            | 19   |          | .0  |                                     | 4   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 19   | 33                            | 11   |          | .0  |                                     | 4   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 20   | 45                            | 26   |          | .04   |                                     | 3   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 21   | 47                            | 29   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 22   | 51                            | 28   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 23   | 35                            | 25   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 24   | 70                            | 17   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 25   | 33                            | 28   |          | .78   | 6.0                                 |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 26   | 44                            | 29   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 27   | 45                            | 27   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 28   | 44                            | 23   |          | .0  |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 29   |                               |      |          |   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 30   |                               |      |          |   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |
| 31   |                               |      |          |   |                                     |   |   |      |      |  |             |       |             |      |            |   |                 |          |           |        |

|                                 |                         |      |      |                                     |  |                                 |                           |                         |
|---------------------------------|-------------------------|------|------|-------------------------------------|--|---------------------------------|---------------------------|-------------------------|
| SUM                             | SUM                     | 2.64 | 19.5 | <input checked="" type="checkbox"/> | CHECK BAR (For wire-weight) NORMAL CK. BAR | Observer: <i>David Wyand Jr</i> | Supervising Office: _____ | Station Index No. _____ |
| CONDITION OF RIVER AT GAGE      |                         |      |      | READING                             | DATE                                       | OBSERVER                        |                           |                         |
| 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.          |      |      |                                     |  |                                 |                           |                         |





STATION (Climate) **UNIVERSITY OF MARYLAND-WMREC** (River Station, if different)  
 STATE **MARYLAND** COUNTY **WASHINGTON** MONTH **May** **2007**  
 TIME (local) OF OBSERVATION RIVER STANDARD TIME IN USE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

| DATE | TEMPERATURE F.                |      | AT OBSN. | PRECIPITATION                                |                                      |   | WEATHER (Calendar Day)  |  |  |  |  |  | RIVER STAGE |                         | REMARKS<br>(Special observations, etc.) |          |  |
|------|-------------------------------|------|----------|--|--------------------------------------|---|---|--|--|--|--|--|-------------|-------------------------|---|----------|--|
|      | 24 HRS. ENDING AT OBSERVATION |      |          | 24-HR AMOUNTS                                |                                      | At Ob.  | Mark 'X' for all types occurring each day.  |  |  |  |  |  | CONDITION   | GAGE READING AT<br>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.) | Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved. |  |  |  |  |  |             |                         |   |          |  |
|      |                               |      |          |  |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
|      |                               |      |          |  |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 1    | 79                            | 49   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 2    | 77                            | 46   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 3    | 67                            | 46   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 4    | 70                            | 39   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 5    | 66                            | 45   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 6    | 62                            | 39   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 7    | 68                            | 37   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 8    | 75                            | 36   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 9    | 80                            | 50   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 10   | 82                            | 68   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 11   | 81                            | 59   |          | .38  |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 12   | 79                            | 56   |          | .77  |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 13   | 67                            | 45   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 14   | 69                            | 37   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 15   | 84                            | 48   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 16   | 79                            | 37   |          | .32  |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 17   | 67                            | 50   |          | .01  |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 18   | 56                            | 46   |          | .11  |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 19   | 71                            | 39   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 20   | 75                            | 53   |          | .02  |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 21   | 70                            | 46   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 22   | 76                            | 44   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 23   | 77                            | 64   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 24   | 80                            | 56   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 25   | 86                            | 55   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 26   | 88                            | 58   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 27   | 87                            | 58   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 28   | 83                            | 60   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 29   | 82                            | 55   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 30   | 87                            | 54   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| 31   | 88                            | 61   |          | .0   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |
| SUN  |                               |      | SUN      | 1.61   |                                      |   |   |  |  |  |  |  |             |                         |   |          |  |

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.

CHECK BAR (For wire-weight) NORMAL CK. BAR  
 OBSERVER *David W. ...*  
 SUPERVISING OFFICE STATION INDEX NO.

STATION (Climate) UNIVERSITY OF MARYLAND-WMREC (River Station, if different)  
 STATE MARYLAND COUNTY WASHINGTON MONTH June 2007  
 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. |      | AT OBSN. | PRECIPITATION  |   |   | WEATHER (Calendar Day) |      |  |             |       |         | RIVER STAGE |                | REMARKS<br>(Special observations, etc.) |           |                         |          |   |  |
|------|----------------|------|----------|--|---|---|------------------------|------|--|-------------|-------|---------|-------------|----------------|---|-----------|-------------------------|----------|---|--|
|      | MAX.           | MIN. |          | 24-HR AMOUNTS<br>Rain, melted snow, etc. (ins. and hundredths) | At Ob.<br>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. |                        |      | Mark 'X' for all types occurring each day. |             |       |         |             |                |   | CONDITION | GAGE READING AT<br>A.M. | TENDENCY |   |  |
|      |                |      |          |  |   | A.M.  | NOON                   | P.M. | Fog  | Ice Pellets | Glaze | Thunder | Hail        | Damaging Winds |   |           |                         |          | Time of observation if different from above |  |
| 1    | 88             | 67   |          | .10  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 2    | 86             | 64   |          | .01  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 3    | 72             | 64   |          | .31  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 4    | 84             | 63   |          | .08  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 5    | 77             | 60   |          | .01  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 6    | 74             | 53   |          | .04  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 7    | 85             | 49   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 8    | 83             | 69   |          | .30  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 9    | 83             | 58   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 10   | 82             | 52   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 11   | 83             | 57   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 12   | 83             | 53   |          | .21  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 13   | 83             | 53   |          | .31  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 14   | 65             | 58   |          | .13  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 15   | 70             | 51   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 16   | 80             | 51   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 17   | 88             | 57   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 18   | 91             | 66   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 19   | 91             | 66   |          | .05  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 20   | 81             | 60   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 21   | 85             | 49   |          | .23  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 22   | 78             | 54   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 23   | 78             | 47   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 24   | 82             | 51   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 25   | 86             | 17   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 26   | 92             | 65   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 27   | 94             | 69   |          | .07  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 28   | 87             | 69   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 29   | 74             | 67   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 30   | 83             | 58   |          | .0   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| 31   |                |      |          |  |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |
| SUM  |                |      | SUM      | 1.85   |   |   |                        |      |  |             |       |         |             |                |   |           |                         |          |   |  |

CONDITION OF RIVER AT GAGE READING DATE  
 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.

CHECK BAR (For wire-weight) NORMAL CK. BAR  
 OBSERVER David Wyard Jr.  
 SUPERVISING OFFICE STATION-INDEX NO.

|  |                                  |                       |
|--|----------------------------------|-----------------------|
| STATION (Clima.)<br>UNIVERSITY OF MARYLAND-WMREC | (River Station, if different)    | MONTH<br>July 2007    |
| STATE<br>MARYLAND                                | COUNTY<br>WASHINGTON             | RIVER                 |
| TIME (Local) OF OBSERVATION RIVER                | TEMP.                            | PRECIPITATION         |
| TYPE OF RIVER GAGE                               | ELEVATION OF RIVER GAGE ZERO Ft. | FLOOD STAGE Ft.       |
|  |                                  | NORMAL POOL STAGE Ft. |

FORM B-91 (12-93) U.S. DEPARTMENT 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<br>(Special observations, etc..) |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
|------|-------------------------------|------|----------|----|---|-------------------------------------|---|------|---|------------------------|------|---|---|------|--|-------------|-----------|--|------------------|----------|-----|-------------|-------|---------|------|----------------|---|---|----|----|--|--|--|--|--|
|      | 24 HRS. ENDING AT OBSERVATION |      | AT OBSN. |    | 24-HR AMOUNTS                                 |                                     | AL OB   |      | 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 READINGS AT | TENDENCY |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
|      | MAX.                          | MIN. | AT       | AT | Rain, melted snow, etc. (Ins. and hundredths) | Snow, ice pellets (Ins. and tenths) | Snow, ice pellets, hail, ice on ground (Ins.) | A.M. |   |                        | NOON |   |   | P.M. |  |             |           |  |                  |          | Fog | Ice Pellets | Glaze | Thunder | Hail | Damaging Winds | Time of observation if different from above |   |    |    |  |  |  |  |  |
|      |                               |      |          |    |   |                                     |   | 1    | 2   | 3                      | 4    | 5 | 6 | 7    | 8  | 9           | 10        |  | 11               | 1        | 2   | 3           | 4     | 5       | 6    | 7              | 8   | 9 | 10 | 11 |  |  |  |  |  |
| 1    | 79                            | 53   |          |    | 0   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 2    | 76                            | 49   |          |    | 0   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 3    | 79                            | 53   |          |    | 0   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 4    | 83                            | 65   |          |    | .03   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      | X              |   |   |    |    |  |  |  |  |  |
| 5    | 81                            | 65   |          |    | .25   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      | X              |   |   |    |    |  |  |  |  |  |
| 6    | 87                            | 62   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 7    | 89                            | 58   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 8    | 92                            | 58   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 9    | 96                            | 61   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 10   | 92                            | 66   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 11   | 84                            | 67   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 12   | 83                            | 55   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 13   | 83                            | 55   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 14   | 86                            | 53   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 15   | 92                            | 69   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 16   | 88                            | 65   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 17   | 90                            | 58   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 18   | 87                            | 70   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 19   | 88                            | 66   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 20   | 80                            | 59   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 21   | 89                            | 49   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 22   | 84                            | 56   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 23   | 83                            | 59   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 24   | 85                            | 54   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 25   | 85                            | 58   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 26   | 91                            | 69   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 27   | 90                            | 68   |          |    | .28   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      | X              |   |   |    |    |  |  |  |  |  |
| 28   | 91                            | 64   |          |    | .01   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 29   | 85                            | 68   |          |    | .26   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 30   | 86                            | 66   |          |    | .0  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| 31   | 90                            | 69   |          |    | .6  |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |
| SUM  |                               |      |          |    | .83   |                                     |   |      |   |                        |      |   |   |      |  |             |           |  |                  |          |     |             |       |         |      |                |   |   |    |    |  |  |  |  |  |

|                                 |  |          |                   |
|---------------------------------|--|----------|-------------------|
| CONDITION OF RIVER AT GAGE      | CHECK BAR (For wire-weight) NORMAL CK. BAR | OBSERVER | STATION INDEX NO. |
| A. Obstructed by rough ice.     | READING                                    | DATE     |                   |
| 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: David Wyand jr

|  |                               |               |                      |
|--|-------------------------------|---------------|----------------------|
| STATION (Climat. <input type="checkbox"/> (River Station, if different)) | UNIVERSITY OF MARYLAND--WMREC | MONTH         | Aug 2007             |
| STATE  | MARYLAND                      | COUNTY        | WASHINGTON           |
| 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    |

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

| DATE | TEMPERATURE F.                |      | AT OBSN. | PRECIPITATION                                 |                                      | WEATHER (Calendar Day)                        |   |  |      |  |  |      | RIVER STAGE     |           | REMARKS<br>(Special observations, etc..) |       |      |  |  |
|------|-------------------------------|------|----------|---|--------------------------------------|---|---|--|------|--|--|------|-----------------|-----------|--|-------|------|--|--|
|      | 24 HRS. ENDING AT OBSERVATION |      |          | 24-HR AMOUNTS                                 | At Ob.                               | Mark 'X' for all types occurring each day.    |   |  |      |  |  |      | GAGE READING AT | EMERGENCY |  |       |      |  |  |
|      | 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. |                 |           |  | CONDN | A.M. |  |  |
| 1    | 93                            | 64   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 2    | 85                            | 66   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 3    | 96                            | 75   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 4    | 94                            | 74   |          | .75   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 5    | 85                            | 71   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 6    | 90                            | 79   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 7    | 91                            | 69   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 8    | 97                            | 76   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 9    | 88                            | 71   |          | .66   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 10   | 88                            | 71   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 11   | 84                            | 69   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 12   | 88                            | 60   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 13   | 89                            | 69   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 14   | 84                            | 54   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 15   | 88                            | 53   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 16   | 87                            | 67   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 17   | 89                            | 69   |          | .40   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 18   | 77                            | 48   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 19   | 67                            | 56   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 20   | 66                            | 59   |          | .20   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 21   | 67                            | 61   |          | 2.28  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 22   | 69                            | 60   |          | .55   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 23   | 73                            | 64   |          | .04   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 24   | 90                            | 70   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 25   | 96                            | 71   |          | .31   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 26   | 82                            | 65   |          | .08   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 27   | 81                            | 59   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 28   | 85                            | 62   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 29   | 84                            | 68   |          | .0  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 30   | 85                            | 64   |          | .39   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| 31   | 78                            | 62   |          | .20   |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |
| SUM  |                               |      |          | 5.66  |                                      |   |   |  |      |  |  |      |                 |           |  |       |      |  |  |

|                                 |         |      |
|---------------------------------|---------|------|
| 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.                  |         |      |

|                     |             |       |         |      |            |       |                 |           |
|---------------------|-------------|-------|---------|------|------------|-------|-----------------|-----------|
| Fog                 | Ice Pellets | Glaze | Thunder | Hail | Dam. Winds | CONDN | GAGE READING AT | EMERGENCY |
|                     |             |       |         |      |            |       |                 |           |
| OBSERVER            |             |       |         |      |            |       |                 |           |
| SUPERVISOR'S OFFICE |             |       |         |      |            |       |                 |           |
| STATION INDEX NO.   |             |       |         |      |            |       |                 |           |

David Wymond Jr.



STATION (Climate) UNIVERSITY OF MARYLAND-WMREC (River Station, if different) MONTH Sept 2007

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 F1. FLOOD STAGE F1. NORMAL POOL STAGE F1.

ORM B-91  
(12-93)

U.S. DEPARTMENT 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<br><i>(Special observations, etc.)</i> |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
|------|-------------------------------|------|---|---|---|---|---|------|---|------|---|--|-------------|--|-------|---------|------|----------------|---|---|---|---|---|----|----|--|--|--|--|--|--|--|--|--|--|--|--|
|      | 24 HRS. ENDING AT OBSERVATION |      | 24-HR AMOUNTS                                 |   | At Ob.  | 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. |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
|      | MAX.                          | MIN. | Rain, melted snow, etc. (ins. and hundredths) | Snow, ice pellets, hail, ice on fenders (ins. and tenths) | Snow, ice pellets, hail, ice on ground (ins.) | A.M.  |   | NOON |   | P.M. |   | Fog  | Ice Pellets |  | Glaze | Thunder | Hail | Damaging Winds |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
|      | AT OBSN.                      |      | 1   | 2   | 3   | 4   | 5 | 6    | 7 | 8    | 9 | 10   | 11          |  | 1     | 2       | 3    | 4              | 5 | 6 | 7 | 8 | 9 | 10 | 11 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1    | 73                            | 63   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 2    | 78                            | 68   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 3    | 84                            | 66   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 4    | 85                            | 68   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 5    | 87                            | 74   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 6    | 88                            | 77   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 7    | 90                            | 78   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 8    | 91                            | 76   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 9    | 86                            | 75   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 10   | 86                            | 71   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 11   | 72                            | 64   | .28   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 12   | 75                            | 57   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 13   | 79                            | 49   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 14   | 72                            | 65   | .10   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 15   | 67                            | 52   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 16   | 64                            | 38   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 17   | 67                            | 38   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 18   | 72                            | 43   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 19   | 65                            | 46   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 20   | 81                            | 50   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 21   | 83                            | 52   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 22   | 88                            | 68   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 23   | 81                            | 63   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 24   | 82                            | 44   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 25   | 89                            | 52   | 0   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 26   | 89                            | 62   | .55   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 27   | 85                            | 65   | .20   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 28   | 75                            | 54   | .0  |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 29   | 72                            | 47   | .0  |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 30   | 74                            | 42   | .0  |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| 31   |                               |      |   |   |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |
| SUM  |                               |      | SUM   | 1.13  |   |   |   |      |   |      |   |  |             |  |       |         |      |                |   |   |   |   |   |    |    |  |  |  |  |  |  |  |  |  |  |  |  |

Fog Ice Pellets Glaze Thunder Hail Damaging Winds

Time of observation if different from above

CONDITION

RIVER STAGE

GAGE READING AT \_\_\_\_\_ A.M.

TENDENCY

OBSERVER David Hynd

SUPERVISOR OFFICE

STATION INDEX NO.

- CONDITION OF RIVER AT GAGE
- READING DATE
- 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.

STATION (Climate) **UNIVERSITY OF MARYLAND-WMREC** (River Station, if different)  
 STATE **MARYLAND** COUNTY **WASHINGTON** MONTH **Oct 2007**  
 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

| DATE | TEMPERATURE F.                |      | PRECIPITATION                                 |                                      |   | WEATHER (Calendar Day)                     |                         |                         |     |             |       | RIVER STAGE     |           | REMARKS<br>(Special observations, etc.,) |           |                |   |
|------|-------------------------------|------|---|--------------------------------------|---|--|-------------------------|-------------------------|-----|-------------|-------|-----------------|-----------|--|-----------|----------------|---|
|      | 24 HRS. ENDING AT OBSERVATION |      | 24-HR AMOUNTS                                 |                                      | At Ob.  | Mark 'X' for all types occurring each day. |                         |                         |     |             |       | GAGE READING AT | FENUDENCY |  |           |                |   |
|      | MAX.                          | MIN. | Rain, melted snow, etc. (ins. and hundredths) | Snow, ice pellets, (ins. and tenths) | Snow, ice pellets, hail, ice on ground (ins.) | A.M.                                       |                         | NOON                    |     | P.M.        |       |                 |           |  | CONDITION |                |   |
|      | AT OBSN.                      |      |   |                                      |   | 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 | Fog | Ice Pellets | Glaze | Thunder         | Hail      |  |           | Damaging Winds | Time of observation if different from above |
| 1    | 74                            | 48   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 2    | 75                            | 57   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 3    | 83                            | 55   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 4    | 86                            | 57   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           | X  |           |                |   |
| 5    | 79                            | 61   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           | X  |           |                |   |
| 6    | 81                            | 56   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 7    | 85                            | 58   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 8    | 88                            | 59   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 9    | 89                            | 62   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 10   | 79                            | 51   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 11   | 61                            | 50   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 12   | 64                            | 43   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 13   | 64                            | 34   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                | Light Frost in Low Spots                    |
| 14   | 67                            | 34   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 15   | 71                            | 37   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 16   | 74                            | 44   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 17   | 79                            | 55   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 18   | 80                            | 57   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 19   | 75                            | 58   | .53   |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 20   | 69                            | 46   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 21   | 77                            | 44   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 22   | 78                            | 43   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 23   | 75                            | 65   | .17   |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 24   | 66                            | 51   | .56   | .86                                  |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 25   | 49                            | 49   | .39   |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 26   | 53                            | 51   | .79   |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 27   | 67                            | 51   | .47   |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 28   | 55                            | 35   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 29   | 55                            | 28   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                | Heavy Frost                                 |
| 30   | 61                            | 30   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| 31   | 65                            | 31   | .0  |                                      |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |
| SUM  |                               |      | SUM   | 3.21                                 |   |  |                         |                         |     |             |       |                 |           |  |           |                |   |

CONDITION OF RIVER AT GAGE  
 READING DATE  
 OBSERVER *David W. [Signature]*  
 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 stages.

STATION (Climate) **UNIVERSITY OF MARYLAND-WMREC** (River Station, if different)  
 STATE **MARYLAND** COUNTY **WASHINGTON** MONTH **Nov. 2007**  
 TIME (local) OF OBSERVATION RIVER STANDARD TIME IN USE

ORM B-91 (12-93) U.S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

| DATE | TEMPERATURE F.  |      | AT OBSN. | PRECIPITATION                                 |                                      |   | WEATHER (Calendar Day) |             |       |         |      |                | RIVER STAGE                                 |           | REMARKS<br>(Special observations, etc.) |                 |           |
|------|---|------|----------|---|--------------------------------------|---|------------------------|-------------|-------|---------|------|----------------|---|-----------|---|-----------------|-----------|
|      | MAX.  | MIN. |          | 24-HR AMOUNTS                                 |                                      | At Ob.<br>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 | FENNYENCY |
|      |   |      |          | 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 2 3 4 5 6 7 8 9 10 11 |      |          |   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 1    | 64  | 40   |          | 0   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 2    | 55  | 27   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 3    | 60  | 32   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 4    | 55  | 34   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 5    | 60  | 29   |          | .02   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 6    | 52  | 41   |          | .03   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 7    | 47  | 26   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 8    | 43  | 21   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 9    | 41  | 30   |          | .16   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 10   | 44  | 32   |          | .04   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 11   | 46  | 25   |          | .16   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 12   | 52  | 40   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 13   | 63  | 46   |          | .10   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 14   | 62  | 58   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 15   | 62  | 34   | .60      | .75   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 16   | 43  | 30   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 17   | 49  | 29   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 18   | 43  | 37   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 19   | 41  | 36   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 20   | 56  | 39   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 21   | 71  | 51   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 22   | 72  | 39   |          | .09   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 23   | 42  | 27   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 24   | 40  | 18   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 25   | 52  | 25   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 26   | 56  | 42   |          | .55   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 27   | 56  | 41   |          | .16   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 28   | 43  | 30   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 29   | 58  | 34   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 30   | 46  | 26   |          | .0  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| 31   |   |      |          |   |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |
| SUM  |   |      | SUM      | 2.61  |                                      |   |                        |             |       |         |      |                |   |           |   |                 |           |

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.

CHECK BAR (For wire-weight) NORMAL CK. BAR  
 OBSERVER *David Wyand Jr.*  
 SUPERVISING OFFICE STATION INDEX NO.

STATION (Climate) UNIVERSITY OF MARYLAND-WMREC (River Station, if different)  
 STATE MARYLAND COUNTY WASHINGTON  
 MONTH Dec. 2007  
 RIVER  
 TIME (local) OF OBSERVATION RIVER TEMP. PRECIPITATION STANDARD TIME IN USE  
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO F<sub>l</sub> FLOOD STAGE F<sub>l</sub> NORMAL POOL STAGE F<sub>l</sub>

| DATE | TEMPERATURE F. |      | AT OBSN. | PRECIPITATION                                 |                                      |       | WEATHER (Calendar Day)                        |      |  |      |  |      | RIVER STAGE |                 | REMARKS<br>(Special observations, etc.) |          |     |             |       |         |
|------|----------------|------|----------|---|--------------------------------------|-------|---|------|--|------|--|------|-------------|-----------------|---|----------|-----|-------------|-------|---------|
|      | MAX.           | MIN. |          | 24-HR AMOUNTS                                 |                                      | At Ob | Mark 'X' for all types occurring each day.    |      |  |      |  |      | CONDITION   | GAGE READING AT |   | TENDENCY |     |             |       |         |
|      |                |      |          | Rain, melted snow, etc. (ins. and hundredths) | Snow, ice pellets, (ins. and tenths) |       | Snow, ice pellets, rain, ice on ground (ins.) | A.M. |  | NOON |  | P.M. |             |                 |   |          | Fog | Ice Pellets | Glaze | Thunder |
| 1    | 41             | 28   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 2    | 39             | 32   |          | .67   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 3    | 46             | 34   |          | .02   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 4    | 36             | 22   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 5    | 28             | 18   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 6    | 30             | 5    |          | .92   | 4.0                                  |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 7    | 31             | 11   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 8    | 46             | 31   |          | .09   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 9    | 40             | 36   |          | .31   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 10   | 43             | 36   |          | .06   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 11   | 48             | 40   |          | .01   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 12   | 58             | 38   |          | .01   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 13   | 39             | 32   |          | .24   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 14   | 45             | 30   |          | .01   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 15   | 35             | 25   |          | .23   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 16   | 41             | 30   |          | 1.31  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 17   | 35             | 23   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 18   | 40             | 15   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 19   | 36             | 26   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 20   | 42             | 21   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 21   | 41             | 25   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 22   | 43             | 38   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 23   | 55             | 39   |          | .16   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 24   | 49             | 31   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 25   | 46             | 24   |          | .0  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 26   | 38             | 27   |          | .04   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 27   | 50             | 34   |          | .01   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 28   | 44             | 26   |          | .29   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 29   | 49             | 29   |          | .05   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 30   | 40             | 26   |          | .49   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| 31   | 48             | 27   |          | .02   |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |
| SUM  |                |      |          | 4.94  |                                      |       |   |      |  |      |  |      |             |                 |   |          |     |             |       |         |

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

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.

Time of observation if different from above

CONDITION

GAGE READING AT

TENDENCY

REMARKS (Special observations, etc.)

CONDITION OF RIVER AT GAGE

READING DATE

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 Wlyard Jr