

STATION (Climate) **Hamden, Mt. Carmel (C.A.E.S.)** MONTH **January 2008**
 STATE **Connecticut** COUNTY **New Haven** RIVER
 TIME (local) OF OBSERVATION **8:00 am** PRECIPITATION **8:00 am** STANDARD TIME IN USE **Eastern**

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

| DATE | TEMPERATURE F. | | | PRECIPITATION | | | WEATHER (Calendar Day) | | | | | | RIVER STAGE | | REMARKS (Special observations, etc.) | | | | | |
|------|-------------------------------|------|---------|---|--------------------------------------|--------|---|------|--|--|------|--|-------------|-------------------------|---|----------|-------------------------------|--|--|--|
| | 24 HRS. ENDING AT OBSERVATION | | AT OBS. | 24-HR AMOUNTS | | At Cd. | Mark 'X' for all types occurring each day. | | | | | | CONDITION | GAGE READING AT A.M. | | TENDENCY | | | | |
| | MAX. | MIN. | | Rain, melted snow, etc. (ins. and hundredths) | Snow, ice pellets, (ins. and tenths) | | Snow, ice pellets, hail, ice on ground (ins.) | A.M. | | | NOON | | | | | | P.M. | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 1 | 44 | 23 | 30 | 0 | | | | | | | | | | | | | | | | |
| 2 | 42 | 18 | 33 | .12 | | | | | | | | | | | | | | | | |
| 3 | 33 | 5 | 6 | 0 | | | | | | | | | | | | | | | | |
| 4 | 18 | 5 | 16 | 0 | | | | | | | | | | | | | | | | |
| 5 | 33 | 19 | 29 | 0 | | | | | | | | | X | | | | rain/sleet | | | |
| 6 | 37 | 32 | 40 | .02 | | | | | | | | | | | | | | | | |
| 7 | 44 | 34 | 42 | 0 | | | | | | | | | | | | | | | | |
| 8 | 54 | 35 | 40 | 0 | | | | | | | | | X | | | | fog 8am | | | |
| 9 | 60 | 41 | 55 | 0 | | | | | | | | | | | | | | | | |
| 10 | 64 | 28 | 32 | 0 | | | | | | | | | | | | | | | | |
| 11 | 52 | 35 | 42 | .53 | | | | | | | | | | X | | | T-storms 4:30am - 9am | | | |
| 12 | 54 | 32 | 38 | .32 | | | | | | | | | | | | | | | | |
| 13 | 48 | 26 | 33 | 0 | | | | | | | | | | | | | rain | | | |
| 14 | 46 | 31 | 38 | .37 | 2 | 2 | | | | | | | | | | | rain changing to snow 1am | | | |
| 15 | 40 | 26 | 31 | 0 | 0 | 1 | | | | | | | | | | | flurries | | | |
| 16 | 38 | 22 | 30 | .01 | T | 1 | | | | | | | | | | | | | | |
| 17 | 35 | 16 | 20 | 0 | 0 | 1 | | | | | | | | | | | snow | | | |
| 18 | 32 | 28 | 36 | .59 | 1 | 2 | | | | | | | | | | | rain | | | |
| 19 | 47 | 24 | 32 | T | 0 | T | | | | | | | | | | | | | | |
| 20 | 40 | 19 | 26 | 0 | 0 | T | | | | | | | | | | | | | | |
| 21 | 33 | 10 | 20 | 0 | 0 | T | | | | | | | | | | | | | | |
| 22 | 25 | 14 | 28 | 0 | 0 | T | | | | | | | | X | | | snow changing to sleet 2:15pm | | | |
| 23 | 36 | 26 | 30 | T | T | T | | | | | | | | | | | | | | |
| 24 | 39 | 14 | 16 | 0 | 0 | T | | | | | | | | | | | | | | |
| 25 | 31 | 13 | 17 | 0 | 0 | T | | | | | | | | | | | | | | |
| 26 | 32 | 15 | 23 | 0 | 0 | T | | | | | | | | | | | | | | |
| 27 | 33 | 25 | 28 | 0 | 0 | T | | | | | | | | | | | flurries | | | |
| 28 | 35 | 28 | 32 | 0 | 0 | T | | | | | | | | | | | | | | |
| 29 | 41 | 21 | 26 | 0 | 0 | T | | | | | | | | | | | | | | |
| 30 | 40 | 34 | 46 | .02 | 0 | T | | | | | | | | | | | rain, clearing 12pm | | | |
| 31 | 46 | 21 | 26 | .04 | 0 | 0 | | | | | | | | | | | | | | |
| SUM | | | SUM | 2.02 | 3.00 | X | CHECK BAR (For wire-weight) NORMAL CK. BAR | | | | | | | | | | | | | |

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

READING DATE
 OBSERVER **R. Cecarelli, R. Hannan, M. McHill**
 SUPERVISING OFFICE STATION INDEX NO. **06-5077-2**

STATION (Climate) **Hampden** (River Station if different) **nt. Carmel (C.A.E.S.)**
 STATE **Connecticut** COUNTY **New Haven** MONTH **February** YEAR **2008**
 TIME (local) OF OBSERVATION RIVER TEMP. **8:00am** PRECIPITATION **8:00am** STANDARD TIME IN USE **Eastern**

FORM P-91

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 (Special observations, etc.) |
|------|-------------------------------|----|---|--------------------------------------|---|---------|---|-------|---------|---|-----------|-----------------|----------|-------------|---|---|
| | 24 HRS. ENDING AT OBSERVATION | | AT OBSV. | 24-HR AMOUNTS | | At Obs. | Mark 'X' for all types occurring each day | | | Time of observation if different from above | CONDITION | GAGE READING AT | TENDENCY | | | |
| MAX | MIN | | Rain, melted snow, etc. (ins. and hundredths) | Snow, ice pellets, (ins. and tenths) | Snow, ice pellets, hail, ice on ground (ins.) | Fog | Ice Pellets | Glaze | Thunder | | | | | Hail | Damaging Winds | A.M. |
| | | | Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 1 | 37 | 26 | 34 | 0 | | | | | | | | | | | rain | |
| 2 | 35 | 34 | 46 | .05 | | | | | | | | | | | | |
| 3 | 47 | 25 | 34 | 0 | | | | | | | | | | | | |
| 4 | 46 | 30 | 36 | 0 | | | | | | | | | | | | |
| 5 | 37 | 33 | 46 | .04 | 0 | 0 | + | | | | X | | | | wintery mix, light precip. throughout 10am - rain w/ thunder, fog overnight | |
| 6 | 49 | 40 | 46 | .20 | 0 | 0 | | | | | X | | | | Fog 8am, rain 8am-10am | |
| 7 | 47 | 34 | 38 | .22 | 0 | 0 | | | | | X | | | | shower/ice pellets - 3:30pm | |
| 8 | 44 | 31 | 36 | .10 | T | T | | | | | | | | | snow - ending as mixed precip. | |
| 9 | 40 | 24 | 36 | T | 0 | 0 | | | | | | | | | rain | |
| 10 | 39 | 26 | 33 | .35 | 0 | 0 | | | | | | | | | snow squall 6pm | |
| 11 | 43 | 9 | 13 | T | T | 0 | | | | | | | | | snow changing to mixed precip. 10pm - to rain 12am | |
| 12 | 27 | 11 | 18 | 0 | 0 | 0 | | | | | | | | | 10pm snow amt. - 2.5" | |
| 13 | 27 | 21 | 34 | 1.56 | 2.5 | 2 | | | | | | | | | rain | |
| 14 | 48 | 25 | 30 | 2.30 | 0 | 0 | | | | | | | | | | |
| 15 | 38 | 23 | 38 | 0 | 0 | 0 | | | | | | | | | | |
| 16 | 46 | 20 | 25 | 0 | 0 | 0 | | | | | | | | | | |
| 17 | 40 | 16 | 30 | 0 | 0 | 0 | | | | | | | | | | |
| 18 | 60 | 39 | 59 | 1.71 | 0 | 0 | | | | | | | | | | |
| 19 | 57 | 30 | 38 | .13 | 0 | 0 | | | | | | | | | | |
| 20 | 50 | 19 | 28 | 0 | 0 | 0 | | | | | | | | | | |
| 21 | 34 | 17 | 22 | 0 | 0 | 0 | | | | | | | | | | |
| 22 | 32 | 21 | 26 | .27 | 3 | 3 | | | | | | | | | snow change to rain 2pm | |
| 23 | 31 | 26 | 30 | .33 | 1.5 | 4.5 | | | | | | | | | flurries | |
| 24 | 33 | 17 | 28 | 0 | 0 | 4 | | | | | | | | | | |
| 25 | 39 | 17 | 24 | 0 | 0 | 3.5 | | | | | | | | | | |
| 26 | 44 | 24 | 29 | 0 | 0 | 2 | | | | | | | | | | |
| 27 | 40 | 30 | 40 | .58 | 0 | T | | | | | | | | | | |
| 28 | 42 | 17 | 21 | 0 | T | 0 | | | | | | | | | snow flurries | |
| 29 | 30 | 9 | 16 | 0 | 0 | 0 | | | | | | | | | snow | |
| 30 | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | |

SUM 7.84 7.00
 CHECK BAR (For wire-weight) NORMAL CK. BAR
 CONDITION OF RIVER AT GAGE
 A. Obstructed by rough ice. B. Frozen, but open at gage. C. Upper surface of smooth ice. D. Ice gorge above gage.
 E. Ice gorge below gage. F. Shore ice. G. Floating ice. H. Pool stage.

OBSERVER **R. Cecarelli, R. Haman, M. McHill**
 SUPERVISING OFFICE
 STATION INDEX NO **06-5077-2**

| | | | |
|---------------------------------------|--|-------------------------|---------------------------------|
| STATION (Clim) Hamd | River Station (Lattered) Mt. Carmel (C.A.E.S) | MONTH May | 2008 |
| STATE Connecticut | COUNTY New Haven | RIVER | |
| TIME (local) OF OBSERVATION 8:00am | TEMP 8:00am | PRECIPITATION 8:00am | STANDARD TIME IN USE Eastern |
| TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO | FLOOD STAGE | NORMAL POOL STAGE |

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

| DATE | TEMPERATURE F. | | | PRECIPITATION | | | | | | | | | | | | | | | | | WEATHER (Calendar Day) | | | | | | RIVER STAGE | | REMARKS (Special observations, etc.) | | | | |
|------|------------------------------|------|----------|---|---|---|--|---------------|--|--|------|--|--|------|--|--|--|--|---------|-------------|------------------------|---------|------|----------------|-----------------|----------|-------------|------|---|--|--|---------------|-------------|
| | 24 HRS ENDING AT OBSERVATION | | AT OBSN. | 24-HR AMOUNTS | | | At Obs. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved. | PRECIPITATION | | | | | | | | | | | WEATHER | | | | | | GAGE READING AT | TENDENCY | | | | | | | |
| | MAX. | MIN. | | Rain, melted snow, etc. (ins. and hundredths) | Snow, ice pellets (ins. and hundredths) | Snow, ice pellets, hail, ice on ground (ins.) | | A M | | | NOON | | | P M. | | | | | Fog | Ice Pellets | Glaze | Thunder | Hail | Damaging Winds | | | CONDITION | A M. | | | | | |
| 1 | 56 | 28 | 44 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 59 | 46 | 53 | .10 | W | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 52 | 46 | 52 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 54 | 44 | 51 | .17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 68 | 40 | 56 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 68 | 39 | 56 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 78 | 54 | 64 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 74 | 54 | 53 | .12 | W | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 75 | 48 | 54 | .15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 72 | 45 | 60 | .70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 67 | 40 | 60 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 64 | 49 | 52 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 55 | 46 | 59 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 70 | 40 | 58 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 70 | 50 | 54 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 68 | 52 | 59 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 66 | 45 | 59 | .71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 73 | 49 | 65 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 68 | 42 | 57 | .05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 60 | 35 | 50 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 59 | 41 | 56 | .30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 68 | 47 | 52 | .17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 62 | 42 | 60 | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 71 | 49 | 63 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 70 | 47 | 64 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 77 | 46 | 66 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 75 | 59 | 66 | .10 | W | | | | | | | | | | | | | | | | | X | | | | | | | | | | T-storm 3-4pm | |
| 28 | 76 | 50 | 56 | .49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 70 | 40 | 61 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 78 | 45 | 68 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 79 | 60 | 70 | 0 | | | | | | | | | | | | | | | | | | | X | | | | | | | | | | T-storm 8pm |
| Σ | | | SUM | 3.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | |
|---------------------------------|-----------------------------|----------------|---------|------|
| CONDITION OF RIVER AT GAGE | CHECK BAR (For wire-weight) | NORMAL CK. BAR | 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 R. Cecarelli, R. Hannan, M. McHill | SUPERVISING OFFICE | STATION INDEX NO 06-5077-2 |
|--|--------------------|-------------------------------|

STATION (City) **Hamden, Mt. Carmel** (River Station, if different) **(C.A.E.S.)** MONTH **July** 2008
 STATE **Connecticut** COUNTY **New Haven** RIVER _____
 TIME (local) OF OBSERVATION RIVER TEMP **8:00 am** PRECIPITATION **8:00 am** STANDARD TIME IN USE **Eastern**
 TYPE OF RIVER GAGE _____ ELEVATION OF RIVER GAGE ZERO _____ FLOOD STAGE _____ NORMAL POOL STAGE _____

U.S. FORM B-91 (89)

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 (Special observations, etc.) | | | | | |
|------|-------------------------------|------|---------|---|--------------------------------------|---|---|------|---|-----|-------------|-------|-------------|----------------------------|---|----------|---------|------|----------------|---------------------------------|
| | 24 HRS. ENDING AT OBSERVATION | | AT OBSN | 24-HR AMOUNTS | | | Mark 'X' for all types occurring each day | | | | | | CONDITION | GAGE READING AT ____ AM | | TENDENCY | | | | |
| | MAX. | MIN. | | Rain, melted snow, etc. (ins. and hundredths) | Snow, ice pellets, (ins. and tenths) | At Obs Snow, ice pellets, hail, ice on ground (ins.) | 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 | |
| | | | | | | A.M. | NOON | P.M. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| 1 | 85 | 64 | 82 | 0 | | | | | | | | | | | | | | | | |
| 2 | 84 | 63 | 72 | 0 | | | | | | | | | | | | | | | | |
| 3 | 84 | 59 | 78 | 0 | | | | | | | | | | | | | | | | |
| 4 | 88 | 67 | 75 | .30 | | | | | | | | | | | | | | | | |
| 5 | 75 | 67 | 74 | 1.00 | | | | | | | | | | | | | | | | |
| 6 | 74 | 66 | 77 | T | | | | | | | | | | | | | | | | |
| 7 | 79 | 69 | 78 | 0 | | | | | | | | | | | | | | | | |
| 8 | 83 | 68 | 80 | 0 | | | | | | | | | | | | | | | | Fog - sunrise/8am. |
| 9 | 87 | 69 | 82 | 0 | | | | | | | | | | | | | | | | |
| 10 | 86 | 70 | 78 | 0 | | | | | | | | | | | | | | | | |
| 11 | 84 | 57 | 76 | 0 | | | | | | | | | | | | | | | | |
| 12 | 84 | 64 | 81 | 0 | | | | | | | | | | | | | | | | |
| 13 | 83 | 67 | 84 | 0 | | | | | | | | | | | | | | | | |
| 14 | 82 | 69 | 79 | .45 | | | | | | | | | | | | | | | | |
| 15 | 80 | 59 | 76 | .03 | | | | | | | | | | | | | | | | |
| 16 | 86 | 63 | 78 | 0 | | | | | | | | | | | | | | | | |
| 17 | 87 | 63 | 70 | 0 | | | | | | | | | | | | | | | | |
| 18 | 90 | 65 | 82 | 0 | | | | | | | | | | | | | | | | |
| 19 | 92 | 70 | 80 | 0 | | | | | | | | | | | | | | | | |
| 20 | 92 | 69 | 78 | 0 | | | | | | | | | | | | | | | | |
| 21 | 90 | 75 | 80 | .01 | | | | | | | | | | | | | | | | |
| 22 | 85 | 69 | 84 | 0 | | | | | | | | | | | | | | | | |
| 23 | 84 | 69 | 76 | .07 | | | | | | | | | | | | | | | | |
| 24 | 77 | 68 | 76 | 1.55 | | | | | | | | | | | | | | | | T-storm 6-8am, T-storm 11am-1pm |
| 25 | 77 | 57 | 74 | .31 | | | | | | | | | | | | | | | | T-storm 1pm |
| 26 | 85 | 61 | 80 | 0 | | | | | | | | | | | | | | | | |
| 27 | 86 | 64 | 74 | .17 | | | | | | | | | | | | | | | | |
| 28 | 78 | 65 | 74 | .10 | | | | | | | | | | | | | | | | T-storms 6, 10am, 4pm |
| 29 | 83 | 64 | 80 | 0 | | | | | | | | | | | | | | | | |
| 30 | 86 | 63 | 76 | 0 | | | | | | | | | | | | | | | | |
| 31 | 84 | 69 | 78 | .08 | | | | | | | | | | | | | | | | Fog - 8am, T-storm 5pm |
| SUM | | | 4.07 | | | | | | | | | | | | | | | | | |

CONDITION OF RIVER AT GAGE _____
 CHECK BAR (For wire-weight) NORMAL CK. BAR
 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 **R. Cecorelli, R. Hennen, M. McHill**
 SUPERVISING OFFICE _____ STATION INDEX NO. **06-5077-2**

| | | |
|--|-------------------------------------|---------------------------------|
| STATION (Name) Hond Mt. Carmel (River Station, if different) <i>(C.A.E.S.)</i> | MONTH September | YEAR 2008 |
| STATE Connecticut | COUNTY New Haven | RIVER |
| TIME (local) OF OBSERVATION | TEMP 8:00am | PRECIPITATION 8:00am |
| TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO Fl. | FLOOD STAGE Fl. |
| | | NORMAL POOL STAGE Fl. |
| | | STANDARD TIME IN USE Eastern |

FORM B-91
3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

| DATE | TEMPERATURE F. | | | PRECIPITATION | | | WEATHER (Calendar Day) | | | | | | RIVER STAGE | | REMARKS <i>(Special observations, etc.)</i> | | | | | | | | | | | | | | |
|------|-------------------------------|-----|---------|--|--------------------------------------|-------|---|---|------|--|------|--|-------------|-------------|--|-------|---------|------|----------------|---|-----------|-----------------------------|----------|--|--|--|--|--|--|
| | 24 HRS. ENDING AT OBSERVATION | | AT OBSN | 24-HR AMOUNTS | | At Or | A.M. | | NOON | | P.M. | | Fog | Ice Pellets | | Glaze | Thunder | Hail | Damaging Winds | Time of observation if different from above | CONDITION | GAGE READING AT | TENDENCY | | | | | | |
| | MAX | MIN | | Rain, melted snow, etc. (ins and hundredths) | Snow, ice pellets, hail, etc. (ins.) | | 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. | | | | | | | | | | | | | | | | | | | | | |
| 1 | 82 | 53 | 70 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 83 | 58 | 70 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 84 | 59 | 71 | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 82 | 63 | 74 | .15 | | | | | | | | | X | | | X | | | | | | T-Storms 10:30pm-12am | | | | | | | |
| 5 | 86 | 67 | 78 | 0 | | | | | | | | | X | | | X | | | | | | T-Storm 12-12:30am, fog 8am | | | | | | | |
| 6 | 83 | 71 | 82 | .45 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 80 | 68 | 76 | 4.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 80 | 56 | 66 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 76 | 60 | 75 | 0 | | | | | | | | | | | | X | | | | | | T-Storm - 11am | | | | | | | |
| 10 | 74 | 52 | 62 | .52 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 73 | 51 | 60 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 70 | 55 | 68 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 68 | 62 | 73 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 77 | 67 | 76 | .20 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 82 | 71 | 82 | .03 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 82 | 56 | 64 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 72 | 52 | 62 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 73 | 51 | 63 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 70 | 44 | 54 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 65 | 43 | 66 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 69 | 44 | 78 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 78 | 56 | 66 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 68 | 48 | 56 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 68 | 47 | 54 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 69 | 46 | 54 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 66 | 54 | 64 | 1.04 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 63 | 60 | 67 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 67 | 66 | 74 | .30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 75 | 70 | 70 | .27 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 70 | 56 | 62 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUM | | | SUM | 8.96 | | | | | | | | | | | | | | | | | | | | | | | | | |

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

FOG
 Ice Pellets
 Glaze
 Thunder
 Hail
 Dam Winds

OBSERVER
R. Cecarelli, R. Hannan, M. McHill

SUPERVISING OFFICE
 STATION INDEX NO.
 06-5077-2

STATION (Climate) **Hamd Mt. Carmel (River Station, if different) (C.A.E.S.)** MONTH **November** YEAR **2008**
 STATE **Connecticut** COUNTY **New Haven**
 TIME (local) OF OBSERVATION RIVER TEMP. **8:00 am** PRECIPITATION **8:00 am** STANDARD TIME IN USE **Eastern**

FORM B-91 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 (Special observations, etc.) | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------------------------------|------|---------|---|--------------------------------------|---|---|--|--|------|--|--|------|-------------|---------------------------|---|----------|-------------|-------|---------|------|----------------|---|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|
| | 24 HRS. ENDING AT OBSERVATION | | AT OBSN | 24-HR AMOUNTS | | At Ob. | Mark 'X' for all types occurring each day | | | | | | | CONDITION | GAGE READING AT — A.M. | | TENDENCY | | | | | | | | | | | | | | | | | | | | | | |
| | MAX | MIN. | | Rain, melted snow, sleet, and hundrahts | Snow, ice pellets, (less and tenths) | Snow, ice pellets, fall, 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 | 61 | 38 | 45 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 62 | 30 | 36 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 52 | 30 | 42 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 54 | 37 | 46 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 64 | 50 | 58 | 0 | | | | | | | | | | | | | | | | | | X | | | | | | | | | | | | Fog - sunrise / 8am. Most of precip. - 4:30pm - 7:30pm | | | | | |
| 6 | 66 | 57 | 64 | .16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 61 | 57 | 64 | .33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 64 | 56 | 65 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 60 | 47 | 58 | .37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 58 | 39 | 50 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 54 | 30 | 44 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 52 | 30 | 42 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 48 | 34 | 44 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 53 | 46 | 52 | .43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 54 | 54 | 66 | .10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 65 | 44 | 50 | 1.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 65 | 30 | 41 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 47 | 29 | 34 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 40 | 24 | 29 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 34 | 19 | 26 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 36 | 19 | 30 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 36 | 20 | 27 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 30 | 17 | 30 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 34 | 21 | 29 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 46 | 37 | 52 | .91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 48 | 28 | 34 | .19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 46 | 29 | 36 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 42 | 26 | 39 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 49 | 26 | 40 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 45 | 25 | 34 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUM | | | | 3.59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

CONDITION OF RIVER AT GAGE: CHECK BAR (For wire-weight) NORMAL CK. BAR
 OBSERVER: **R. Cecarelli, R. Hannan, M. McHill**
 SUPERVISING OFFICE: _____ STATION INDEX NO: **06-5077-2**

REMARKS: **9am - wintery mix, change to rain middle of day**

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

STATION (Climate) **Hartford** (River Station, if different) **nt. Carmel (C.A.E.S.)** MONTH **December** YEAR **2008**

STATE **Connecticut** COUNTY **New Haven** RIVER

TIME (local) OF OBSERVATION RIVER TEMP. **8:00 am** PRECIPITATION **8:00 am** STANDARD TIME IN USE **Eastern**

TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO **Fl.** FLOOD STAGE **Fl.** NORMAL POOL STAGE **Fl.**

| DATE | TEMPERATURE F. | | | PRECIPITATION | | | | | | | | | | | | | WEATHER (Calendar Day) | | | | | | RIVER STAGE | | REMARKS (Special observations, etc.) | | | | | | | | | | |
|---------------------------------|-------------------------------|---------|----------|---|--------------------------------------|---|---|--|--|------------------------------------|--|--------------------|------|-------------------|--|-----|------------------------|-------|--|------|----------------|-------|-------------|------|---|-----------|---------------------------|----------|---|---|---|--------------------------|---|--|--|
| | 24 HRS. ENDING AT OBSERVATION | | AT OBSN. | 24-HR AMOUNTS | | | Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved. | | | | | | | | | | | | Mark 'X' for all types occurring each day. | | | | | | | CONDITION | GAGE READING AT — A.M. | TENDENCY | | | | | | | |
| | MAX | MIN. | | Rain, melted snow, etc. (ins. and hundredths) | Snow, ice pellets, (ins. and tenths) | At Obs. Snow, ice pellets, hail, ice on ground (ins.) | A.M. | | | NOON | | | P.M. | | | Fog | Ice Pellets | Glaze | Thunder | Hail | Damaging Winds | | | | | | | | | | | | | | |
| 1 | 37 | 34 | 44 | .62 | | | + | | | | | | | | | | | | | | X | | | | | | | | | | | Fog - sunrise / 8am | | | |
| 2 | 56 | 36 | 41 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 48 | 24 | 28 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 42 | 29 | 44 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 48 | 26 | 34 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 44 | 17 | 30 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 38 | 28 | 36 | -.11 | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | snow | | | |
| 8 | 35 | 19 | 19 | 0 | 0 | T | | | | | | | | | | | | | | | | | | | | | | | | | | snow | | | |
| 9 | 30 | 14 | 26 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | snow flurry, rain 4:30pm | | | |
| 10 | 48 | 47 | 60 | .11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 57 | 34 | 38 | -.53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 48 | 34 | 40 | 4.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 43 | 23 | 30 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 34 | 17 | 30 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 43 | 39 | 52 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 58 | 33 | 40 | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 56 | 29 | 36 | -.17 | T | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 34 | 26 | 30 | T | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 39 | 24 | 30 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 30 | 15 | 20 | .79 | 7 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 25 | 19 | 28 | .20 | 1 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 27 | 12 | 17 | .38 | 3 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 27 | 2 | 10 | 0 | 0 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 27 | 25 | 36 | .19 | 0 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 39 | 36 | 47 | .40 | 0 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 52 | 21 | 30 | 0 | 0 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 36 | 32 | 42 | .03 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 44 | 42 | 49 | T | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 57 | 27 | 40 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 55 | 26 | 42 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 41 | 18 | 32 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUM | | | SUM | 7.62 | 13 | X | CHECK BAR (For wire-weight) NORMAL CK. BAR | | | | | | | | | | | | | Fog | Ice Pellets | Glaze | Thunder | Hail | Dam. Winds | X | X | X | X | X | X | X | X | | |
| CONDITION OF RIVER AT GAGE | | READING | | | | DATE | | | | OBSERVER | | SUPERVISING OFFICE | | STATION INDEX NO. | | | | | | | | | | | | | | | | | | | | | |
| A. Obstructed by rough ice. | | | | | | | | | | R. Cecarelli, R. Hannan, M. McHill | | | | 06-5077-2 | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |