FORM E-15
(9-91)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological) Hamden Mt. Carmel (C.A.E.S.) (River Station, if different)		MONTH January	YEAR 2007
STATE Connecticut	COUNTY New Haven	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP. 8:00am	PRECIPITATION 8:00am	STANDARD TIME IN USE Eastern
TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO Ft.	FLOOD STAGE Ft.	NORMAL POOL STAGE Ft.

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (inc. and hundredths)	Snow, ice pellets, hail (inc. and tenths)	At Ob. Snow, ice pellets, hail, snow on ground (inc.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	43	30	50	1.00													
2	54	40	42	.49													
3	53	25	26	0													
4	48	32	34	0													
5	55	38	46	0													
6	56	53	62	1.34													
7	70	41	44	0													
8	64	42	48	.11													
9	53	31	33	.29													
10	47	22	28	0													snow flurries - brief
11	35	18	22	0													
12	35	31	42	0													
13	50	34	46	.15													
14	53	37	40	.10													light rain
15	48	36	39	.10			X										fog 4:30pm, light rain
16	38	27	40	.07													
17	51	12	14	0													
18	27	13	16	0													snow/rain mix
19	36	33	34	.21	T	T											snow, clearing 10:30am
20	41	21	30	T	0	0											
21	36	14	18	0	0	0											
22	27	22	24	0	0	0											snow
23	27	23	25	T	T	T											
24	34	19	24	0	0	0											
25	41	21	26	0	0	0											
26	35	3	1	0	0	0											
27	21	9	16	0	0	0											
28	30	27	34	T	T	T											snow
29	42	19	20	0	0	0											
30	34	14	18	0	0	0											snow flurries
31	32	19	22	T	T	T											
SUM			SUM	3.86	T		Fog	Ice Pel.	Glaze	Thund.	Hail	Dam. Winds	SUM				
				Greatest													

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

Mark 'X' for all types occurring each day.

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER R. Ceccarelli, R. Hannan M. McHill

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

STATION (Climatological): Ham[illegible], Mt. Carmel (C.A.E.S) (River Station, if different)
MONTH: February 2007
FORM B-91 (-93)
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATE: Connecticut
COUNTY: New Haven
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP: 8:00am
PRECIPITATION: 8:00am
STANDARD TIME IN USE: Eastern
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. 24 HRS. ENDING AT OBSERVATION MAX	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (inc.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.)
1	33	17	22	0													
2	36	26	30	T	T	T											Snow a.m. 7pm - snow/rain mix, turning to rain
3	36	23	25	.20	T	T											
4	35	16	18	0	0	0											
5	24	7	5	0	0	0											
6	20	8	14	0	0	0											
7	25	11	12	0	0	0											
8	25	13	14	0	0	0											
9	27	15	19	0	0	0											
10	31	12	23	0	0	0											
11	34	9	23	0	0	0											
12	31	18	28	0	0	0											
13	39	16	18	0	0	0		X									begins as snow quickly changing to sleet/freezing rain
14	33	16	18	.30	T	T		X									sleet / freezing rain
15	24	8	15	.41	1.5	1.5											Ice pellets on ground
16	23	13	16	0	0	1.5											
17	29	11	13	0	0	1.5											
18	36	20	23	0	0	1											
19	33	8	—	0	0	.5											windy!
20	26	18	26	0	0	T											
21	49	35	40	T	0	T											rain
22	48	23	32	0	0	T											rain, change to snow 10pm
23	41	25	30	.39	.5	.5											
24	35	15	18	0	0	0											
25	36	20	25	0	0	0											snow
26	40	29	32	.24	3	3											snow, flurries - p.m.
27	35	31	34	.08	.5	2.75											flurries
28	37	29	34	T	T	1.75											
29																	
30																	
31																	
SUM			SUM	1.62	5.5												

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

Mark 'X' for all types occurring each day.

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER: R. Cecarelli, R. Hannan, M. Mottill

SUPERVISING OFFICE:

STATION INDEX NO.: 06-5077-2

STATION (Climatic) Hamden, Mt. Carmel (River Station, if different) (C.A.E.S.) | MONTH March | 2007

STATE Connecticut | COUNTY New Haven | RIVER

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

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

WBAN FORM B-91
3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.)
1	45	24	30	0	0	T											
2	41	33	36	1.07	0	0											rain
3	44	29	36	2.00	0	0											
4	55	27	—	0	0	0											
5	39	27	30	0	0	0											flurries, snow squall 3pm, High winds
6	40	7	8	0	0	0											High winds
7	18	7	9	.01	T	T											
8	21	8	18	T	T	0											snow
9	31	6	12	0	0	0											
10	31	19	34	0	0	0											
11	51	39	50	.33	0	0											
12	51	25	30	0	0	0											
13	55	29	32	0	0	0											
14	54	34	38	0	0	0	X										fog - a.m.
15	61	39	46	.04	0	0	X										rain - changing to snow between 1:30-4:30 am
16	54	23	31	.34	T	T		X									snow - change to freezing rain 4pm
17	40	23	29	1.51	6	6											rain
18	35	19	28	0	0	6											
19	39	20	25	0	0	6											snow 6pm, change to rain 10pm
20	43	33	40	.13	T	4.5											
21	47	21	26	0	0	4											
22	36	33	36	0	0	2	X										rain
23	55	42	47	.08	0	0											
24	56	33	47	0	0	0											mixed precip.
25	53	35	—	.21	0	0											
26	48	30	36	0	0	0											
27	50	39	36	.11	0	0	X										rain
28	70	43	54	0	0	0											
29	60	34	38	0	0	0											
30	53	34	41	0	0	0											
31	64	34	38	0	0	0											
SUM			SUM	5.83	6.00												

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

Mark 'X' for all types occurring each day.

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER R. Cecarelli, R. Hannon, M. McHill

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

STATION (Climatological) Hamden, Mt. Carmel (C.A.E.S) (River Station, if different)

MONTH April 2007

STATE Connecticut

COUNTY New Haven

RIVER

TIME (local) OF OBSERVATION RIVER

TEMP. 8:00am

PRECIPITATION 8:00 am

STANDARD TIME IN USE Eastern

TYPE OF RIVER GAGE

ELEVATION OF RIVER GAGE ZERO Ft.

FLOOD STAGE Ft.

NORMAL POOL STAGE Ft.

FORM B-91 (3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	55	28	32	0													
2	52	39	42	.31													
3	48	41	44	0													
4	58	36	38	.02													
5	47	35	38	.86													
6	47	27	32	0													
7	38	25	33	0													
8	42	26	33	0													
9	42	23	34	0													
10	50	28	36	0													
11	49	25	35	0													shower 2:30 a.m.
12	50	36	41	.01													
13	46	32	38	1.22													
14	50	39	44	0													
15	55	38	42	.12													
16	48	43	48	4.00													
17	59	42	42	.18													
18	47	42	44	.08													
19	48	44	47	0													
20	63	38	46	0													
21	70	32	60	0													
22	78	45	60	0													
23	75	45	55	0													
24	76	55	72	0													
25	74	46	55	0													
26	65	41	46	.20													
27	60	45	50	1.70					X								T-Storm 5:30 am
28	53	52	58	0													
29	66	53	57	.45													
30	64	44	54	0													
31																	
SUM			SUM	9.15													

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

Mark 'X' for all types occurring each day

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

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

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

FORM B-91
(3-83)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological): Hamden, Mt. Carmel (C.A.E.S) (River Station, if different)
MONTH: May 2007
STATE: Connecticut
COUNTY: New Haven
RIVER:
TIME (local) OF OBSERVATION: 8:00 am
TEMP.: 8:00 am
PRECIPITATION: 8:00 am
STANDARD TIME IN USE: Eastern
TYPE OF RIVER GAGE:
ELEVATION OF RIVER GAGE ZERO: Ft.
FLOOD STAGE: Ft.
NORMAL POOL STAGE: Ft.

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.)
1	78	39	58	0													
2	68	47	52	.08													
3	65	37	54	0													
4	68	38	56	0													
5	68	38	60	0													
6	70	48	52	0													
7	60	36	48	0													
8	62	32	54	0													
9	69	45	59	0			X										
10	79	54	68	0			X										Fog 8am
11	77	54	64	T			X										Heavy fog 8am
12	71	62	65	.06													fog 8am
13	71	53	58	T													
14	68	38	55	0													
15	70	44	64	0													
16	83	59	74	0						X							T-storm 4:30pm
17	82	51	60	.90													
18	64	44	48	.06													
19	54	44	54	.22													
20	56	48	58	0													
21	76	51	60	T													
22	68	46	56	0													
23	71	46	62	0													
24	71	50	65	0													
25	87	59	76	0													
26	91	69	79	0													
27	85	58	70	0													
28	79	68	75	0													
29	84	51	68	0													
30	79	52	70	0													
31	83	58	76	0						X							T-Storms beginning 7:45pm
SUM			SUM	1.32													

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

A.M. NOON P.M.

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER: R. Ceccarelli, R. Hannan, M. McHill

SUPERVISING OFFICE:

STATION INDEX NO: 06-5077-2

STATION (Climatological) Hamden, Mt. Carmel (C.A.E.S) (River Station, if different)

MONTH June 2007

STATE Connecticut

COUNTY New Haven

RIVER

TIME (local) OF OBSERVATION RIVER

TEMP. 8:00am

PRECIPITATION 8:00am

STANDARD TIME IN USE Eastern

TYPE OF RIVER GAGE

ELEVATION OF RIVER GAGE ZERO Ft.

FLOOD STAGE Ft.

NORMAL POOL STAGE Ft.

FORM B-91 (J3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets. (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M	TENDENCY	REMARKS (Special observations, etc.)
1	82	58	68	.23						X							T-Storm 3am, T-Storm 5pm
2	88	64	76	.14													
3	88	63	74	0													
4	76	58	64	1.86													
5	67	59	68	.70													
6	81	52	56	0													
7	76	42	60	0													
8	72	55	70	0													
9	80	61	72	T													
10	68	57	63	.42													
11	70	57	67	T						X							T-Storm 8pm
12	83	61	74	.30													
13	80	56	65	.11													
14	70	54	60	.02													
15	64	54	60	0													
16	73	51	68	0						X							T-Storms 4pm-8pm
17	79	57	72	.32													
18	86	65	76	0													
19	82	59	74	0													
20	80	67	74	0													
21	78	54	72	.06													
22	81	57	70	.12													
23	73	55	66	0													
24	74	52	70	0													
25	79	56	78	0													
26	85	63	78	0													
27	92	67	82	0						X							T-Storm 3pm (no precip.), T-Storm 10:30pm
28	92	70	80	.03													
29	89	65	70	T													
30	79	55	72	0													
31																	
SUM			SUM	4.31													

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

Mark "X" for all types occurring each day.

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER R. Ceccarelli, R. Hannan, M. McHill

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

STATION (Climat 19) Hamden Mt. Carmel (River Station, if different) (C.A.E.S)

MONTH July 2007

FORM B-91 (93)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

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: Ft.

FLOOD STAGE: Ft.

NORMAL POOL STAGE: Ft.

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob Snow, ice pellets, hail, ice on ground (ins.)	Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved (A.M. NOON P.M.)	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	82	55	68	0														
2	74	56	66	0														
3	76	54	70	0														
4	80	55	70	0														
5	73	62	73	.95														
6	81	65	77	.02							X							T-Storm 4pm
7	84	58	70	.02														
8	84	60	78	0														
9	91	70	78	0														
10	88	68	82	0														
11	90	72	80	0														
12	80	63	72	.11														
13	81	57	72	0														
14	83	61	76	0														
15	84	64	82	0														
16	87	62	72	.13														
17	84	58	72	0														
18	88	66	76	.11							X							T-Storm 7:30am
19	80	65	76	.60														
20	80	69	78	2.02														
21	81	59	75	0														
22	83	61	74	0														
23	82	60	70	T														
24	74	61	68	.42														
25	81	61	72	0														
26	82	61	76	0														
27	85	70	80	0														
28	84	70	80	0							X							T-Storms 5pm-8pm
29	83	68	77	1.00														
30	82	66	78	T														
31	85	66	76	0														
SUM			SUM	5.38			CHECK BAR (For wire-weight) NORMAL CK. BAR	Fog	Ice Pel	Glaze	Thund.	Hail	Dam. Winds					

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. Harman, M. McHill

SUPERVISING OFFICE:

STATION INDEX NO.: 06-5077-2

FORM B-91

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatic): Hamden mt. Carmel (River Station, if different): C.A.E.S
MONTH: August 2007
STATE: Connecticut
COUNTY: New Haven
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.: 8:00am
PRECIPITATION: 8:00am
STANDARD TIME IN USE: Eastern
TYPE OF RIVER GAGE:
ELEVATION OF RIVER GAGE ZERO: Ft.
FLOOD STAGE: Ft.
NORMAL POOL STAGE: Ft.

DATE	TEMPERATURE F. 24 HRS ENDING AT OBSERVATION MAX.	MIN	AT OBSN	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	88	64	80	0													
2	89	65	80	0													
3	93	68	82	0													
4	90	67	84	0													
5	90	62	76	0													
6	83	69	76	.01													
7	85	68	80	.05													
8	89	73	80	.92													most of precip. 6-8am
9	92	68	76	T													
10	85	53	68	.16													
11	71	51	67	.42													
12	82	60	82	0													
13	86	65	75	T													
14	85	57	70	0													
15	80	55	70	0													
16	85	66	74	0													
17	84	69	75	0													
18	79	54	66	.20						X							T-Storm 12am
19	73	50	64	0													
20	73	57	64	0													
21	71	58	64	.12													
22	65	55	63	.76													
23	68	62	68	0													
24	75	66	74	0													
25	84	68	78	0			X										A.M fog
26	86	70	83	0													
27	81	64	75	0													
28	85	61	70	0													
29	82	60	68	0													
30	83	60	71	0													
31	83	62	72	0													
SUM			SUM	2.64													

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

Mark 'X' for all types occurring each day

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER: R. Ceccarelli, R. Hannan, M. McHill

SUPERVISING OFFICE:

STATION INDEX NO: 06-5077-2

FORM B-91

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological)	Hamden Mt Carmel (C.A.E.S) (River Station, if different)
MONTH	September 2007
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 Ft.	
FLOOD STAGE Ft.	
NORMAL POOL STAGE Ft.	

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT __ A.M.	TENDENCY	REMARKS (Special observations, etc.)
1	83	56	64	0													
2	78	51	58	0													
3	77	54	63	0													
4	83	60	78	0													
5	83	55	62	0													
6	80	57	66	0													
7	78	68	76	0													
8	86	67	84	0													
9	87	67	83	0													
10	85	70	72	0													
11	80	64	70	.08						X							T-Storm 9am
12	72	55	62	1.88													
13	75	48	60	0													
14	75	50	62	0													
15	73	56	68	.08													Clearing 12:30pm
16	67	44	56	.07													
17	65	44	51	0													
18	69	45	51	0													
19	69	46	54	0													
20	75	50	61	0													
21	80	57	68	0													Fog - a.m.
22	81	60	67	0			X										
23	75	54	58	0			X										Fog - a.m.
24	79	49	60	0													
25	79	52	62	0													
26	87	64	72	0													
27	87	64	70	0													
28	81	63	72	.40													
29	75	54	—	T													
30	75	50	—	0													
31																	
SUM			SUM	2.51													
							Fog	Ice Pel.	Glaze	Thund	Hail	Dam. Winds					

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

A.M. NOON P.M.

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

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

SUPERVISING OFFICE

STATION INDEX NO.: 06-5077-2

FORM B-91

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climatological)	Hamden Mt. Carmel (River Station, if different) C.A.E.S
MONTH	October 1 2007
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	Ft.
FLOOD STAGE	Ft.
NORMAL POOL STAGE	Ft.

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.)
1	71	49	60	0													
2	66	47	57	0													
3	71	61	68	0													
4	77	66	74	0													
5	82	66	72	0													
6	80	64	72	0													
7	84	62	76	0													
8	77	61	66	0													
9	86	58	64	.04													
10	80	56	62	.25													
11	61	57	62	.09													
12	62	49	60	.50													rain 8pm (somewhat heavy)
13	60	35	48	.15													
14	62	41	56	0													
15	63	43	50	0													
16	62	44	50	0													
17	68	42	49	0													
18	70	56	64	0			X										dense fog - 8am
19	74	66	74	T													
20	70	58	62	1.85													
21	72	48	52	0													
22	74	47	56	0													
23	76	61	72	.02													
24	75	55	64	.04													
25	70	48	54	.25													
26	58	41	46	T													
27	57	52	59	.25													
28	67	44	53	.60													
29	61	31	36	0													
30	52	31	36	0													
31	64	36	40	0													
SUM			SUM	4.04													

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

Mark 'X' for all types occurring each day.

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

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

SUPERVISING OFFICE

STATION INDEX NO: 06-5077-2

FORM B-91

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climate): Hamden, Mt. Carmel (C.A.E.S) (River Station, if different)
MONTH: November 2007
STATE: Connecticut
COUNTY: New Haven
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP.: 8:00am
PRECIPITATION: 8:00am
STANDARD TIME IN USE: Eastern
TYPE OF RIVER GAGE:
ELEVATION OF RIVER GAGE ZERO: Ft.
FLOOD STAGE: Ft.
NORMAL POOL STAGE: Ft.

DATE	TEMPERATURE F. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved. (A.M. NOON P.M.)	WEATHER (Calendar Day) Mark 'X' for all types occurring each day. Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	63	54	62	0														
2	67	33	40	0														
3	54	42	49	0														Hurricane Noel
4	49	31	40	.22														
5	57	34	44	0														
6	57	45	54	.39														
7	54	31	44	.21														
8	50	27	38	0														
9	45	33	38	0														snow flurry
10	43	36	41	0														
11	45	25	38	0														
12	46	24	36	0														
13	43	41	50	.30														
14	59	30	36	0				X										Fog 8am
15	56	42	65	T														
16	61	37	46	.26														
17	48	24	27	0														
18	44	31	35	0														
19	44	36	36	0														
20	47	29	35	.05				X	X									ice pellets 7am-9am changing to rain fog 9pm
21	40	31	40	.17														
22	45	44	60	0														
23	62	31	39	.03														
24	57	19	30	0														
25	36	24	40	0														
26	47	31	45	.57														
27	61	43	50	.28														
28	61	29	37	0														
29	44	34	46	0														
30	49	28	34	T														
31																		
SUM			SUM	2.48														
								Fog	Ice Pel.	Glaze	Thund.	Hail	Dam Winds					

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

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

SUPERVISING OFFICE:

STATION INDEX NO.: 06-5077-2

STATION (Climat)	(River Station, if different)	MONTH	
Hamd, Mt. Carmel, (C.A.E.S)		December	2007

STATE	COUNTY	RIVER
Connecticut	New Haven	

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

TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO Ft.	FLOOD STAGE Ft.	NORMAL POOL STAGE Ft.

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. 24 HRS. ENDING AT OBSERVATION MAX	MIN	AT OBSN	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob Snow, ice pellets, hail, ice on ground (ins.)	WEATHER (Calendar Day) Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	RIVER STAGE CONDITION	GAGE READING AT ___ A.M.	TENDENCY	REMARKS (Special observations, etc.)
1	45	24	34	0													
2	37	18	24	0													Snow flurry 8am, freezing rain 6pm
3	36	24	36	.67													rain
4	45	26	30	T													
5	37	15	21	0													
6	32	19	22	0													
7	32	15	22	0													snow
8	35	27	33	.10	1	1											
9	43	23	34	0	0	0											rain
10	36	31	36	.47	0	0											rain
11	35	23	28	T													rain
12	40	34	53	.04													
13	50	23	32	0				X									snow 9:30am, ice pellets 10am, freezing rain 1pm-5:30pm
14	37	23	36	.86	4.5	4.5											snow 5:30-6:30pm
15	44	22	—	0	0	4											
16	36	20	—	.64	1.5	4.5		X									sleet/ice pellets 12am-11am, rain 2pm
17	31	20	28	.10	.5	4.5											
18	34	10	14	0	0	4.5											
19	35	22	26	0	0	4.5											rain
20	39	31	36	.07	0	4.5											
21	42	31	36	0	0	4.5											
22	37	29	34	0	0	2											snow flurries
23	35	34	38	.10	0	T											rain, High winds 5pm
24	54	36	36	.71	0	T											
25	48	27	30	0	0	T											
26	40	21	28	0	0	T											rain
27	37	33	38	.49	0	T											rain
28	35	32	37	.04	0	0											
29	47	34	50	.55	0	0											rain
30	51	25	29	0	0	0											snow/rain mix
31	40	33	38	.33	0	0											rain
SUM			SUM	5.17	7.50		Fog	Ice Pel.	Glaze	Thund.	Hail	Dam Winds					

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

Mark "X" for all types occurring each day

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

READING	DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER: R. Cecarelli, R. Hannen, M. McHill

SUPERVISING OFFICE

STATION INDEX NO: 06-5077-2