STATION (Climatologic) Hamden Mt. Carmel (River Station, if different) (C.A.E.S)
MONTH January 2009
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.

RM 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, hall, 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	32	7	14	.18	3	3											
2	23	8	18	0	0	1											
3	33	21	36	0	0	1											
4	36	22	34	0	0	1											
5	39	25	36	T	0	1											freezing rain
6	39	25	30	0	0	T											snow 7:30pm-9:30pm, change to freezing rain
7	32	28	36	.56	0	1											
8	34	31	38	.65	0	T											flurries, snow squall - 11:30am
9	36	17	22	T	0	T											
10	32	12	22	0	0	T											snow
11	27	19	26	.38	2	2											
12	29	22	26	0	0	2											
13	32	14	20	0	0	2											
14	35	14	19	0	0	2											
15	35	8	15	.05	1.5	4											snow, ending in flurries 12p-2pm
16	18	-5	2	T	T	3											
17	17	-6	-2	0	0	3											
18	18	12	19	.06	1.5	3											snow
19	23	17	28	.20	3	6											snow
20	33	18	22	T	T	6											
21	30	11	14	0	0	5.5											
22	26	9	20	0	0	5.5											
23	34	14	21	0	0	5											
24	42	22	41	0	0	4											
25	40	2	5	0	0	4											
26	25	6	13	0	0	4											
27	27	17	21	0	0	4											
28	29	22	24	.38	3	5		X									snow, change to ice pellets - 10am
29	33	21	22	.41	2	7											rain 10:45am - 8:30pm
30	38	13	16	0	0	6											flurries - 2pm
31	34	18	19	T	T	6											snow
SUM			SUM	2.87	16		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.

CONDITION OF RIVER AT GAGE

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

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

READING	DATE

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 (Climatic)	Hamden Mt. Carmel (C.A.E.S)
(River Station, if different)	
MONTH	February 2009
STATE	Connecticut
COUNTY	New Haven
RIVER	
TIME (local) OF OBSERVATION	
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.	

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	31	17	20	0	0	6											
2	47	24	37	0	0	6											
3	50	31	31	0	0	5											snow
4	42	13	16	.11	2	7											
5	28	2	8	0	0	6											
6	21	10	13	0	0	4											
7	27	11	20	0	0	4											
8	43	33	50	0	0	3											
9	55	26	30	0	0	2											
10	43	26	28	0	0	1											
11	43	33	37	0	0	0											rain
12	59	38	49	.07													
13	51	32	34	0													
14	43	19	29	0													
15	42	26	32	0													
16	42	23	30	0													
17	40	22	25	0													
18	40	19	25	0			X										2pm - rain/snow, 8pm - change to rain
19	39	34	34	.71	1	1											rain, snow 8:30pm - 11:30pm Fog 12am
20	50	19	20	.15	1.5	2											
21	39	23	28	0	0	1											
22	40	26	35	0	0	1											rain
23	43	24	27	.20	0	0											
24	36	18	20	0	0	0											
25	35	17	20	0													
26	37	25	29	0													
27	48	32	41	0													rain
28	57	31	31	.34													
29																	
30																	
31																	
SUM			SUM	1.58	4.5												
							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. Ceccarelli, R. Hannan, M. McHill

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

STATION (Climatological) Hamden Mt. Carmel (River Station, if different) C.A.E.S. | MONTH March 2009 | FORM B-91 (9-69)

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 (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	51	25	26	T	0	0											mixed precip. change to snow 9:30am
2	36	19	20	.58	7	7											Snow w/drifting Norcester
3	30	10	10	.02	2	6											
4	23	5	19	0	0	5.5											
5	33	9	19	0	0	5											
6	40	28	39	0	0	3											
7	47	31	54	0	0	1											
8	66	42	56	0	0	0											rain 6pm throughout night
9	62	42	42	.60													rain 10am change to mixed precip. 1pm
10	50	29	30	.22													rain – mixed precip 11pm snow 1:30pm – 3pm
11	46	36	40	.07													rain
12	51	29	28	.08													
13	51	22	22	0													
14	36	23	28	0													
15	49	34	38	0													
16	53	30	36	0													
17	52	31	34	0													
18	51	28	32	0			X										Fog – 8am
19	56	37	45	0													rain
20	49	33	34	.11													
21	44	23	28	0													
22	45	25	30	0													
23	54	25	28	0													
24	37	24	28	0													
25	49	28	34	0													
26	53	29	36	0													rain
27	46	39	41	.29													
28	64	44	46	0													
29	60	46	47	.10					X								T-storm 9:45pm
30	49	41	45	.43													
31	54	33	41	.03													
SUM			SUM	2.53	9.0		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.)

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) Hamden, Mt. Carmel (C.A.E.S) (River Station, if different)
MONTH April 2009
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 (9)

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, etc 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	59	31	36	0													
2	51	40	44	.17			X										Heavy fog - 8am
3	62	51	54	.05						X							Thunder - 3pm and 9:30pm
4	57	46	47	.87													shower
5	56	40	45	T													
6	63	38	44	0													
7	58	42	41	.62													
8	47	34	36	0													snow shower 12:15p, mixed precip @ 2pm
9	47	29	38	T													
10	61	31	42	0													
11	59	42	46	.10													
12	54	33	35	.83													
13	46	28	36	0													
14	56	39	42	0													light rain
15	52	42	44	.01													
16	61	36	40	0													
17	61	32	41	0													
18	71	40	54	0													
19	78	46	51	0													
20	67	38	42	0													T-Storm 2:30p - 5:30p
21	51	43	41	1.45			X			X							heavy rain 12am - 2am w/ thunder (1am)
22	54	44	47	.59													
23	55	40	42	.28													
24	57	34	48	0													
25	68	44	53	0													
26	78	56	75	0													
27	90	53	60	0													
28	80	51	64	0													
29	88	50	52	T													
30	79	38	48	0													
31																	
SUM			SUM	4.97													

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

STATION (Climatological): Ham 2, Mt. Carmel (River Station, if different: C.H.E.S)
MONTH: May 2009
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.

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

(...S FORM B-91 (...89))

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	63	50	56	.08													
2	69	52	54	.20													
3	67	46	52	0													
4	62	51	52	.27													
5	59	51	54	.09													
6	55	47	50	.51													
7	64	51	58	.53			X										Fog 8am
8	70	48	58	.20													
9	72	56	58	.17													
10	70	56	57	T													
11	69	39	52	0													
12	63	45	54	0													
13	65	38	54	.07													
14	68	49	54	0													heavy rain 8:10pm
15	63	56	58	.52			X										fog sunrise, 8am, 10am
16	75	51	64	0			X										fog sunrise
17	67	48	48	.24						X							T-storm 12:45am
18	61	46	48	0													
19	55	37	51	0													
20	66	43	58	0													
21	79	50	62	0													
22	85	48	67	0													
23	85	59	60	0													
24	76	53	57	.26						X							Thunder 6:30a - 8:30a (No precip.)
25	80	59	62	.50													T-storms 5:30p-7pm w/precip.
26	78	49	54	0													
27	74	47	50	.05													light rain 3pm
28	59	55	58	.03			X										fog 8am, drizzle throughout day
29	58	51	52	.27													drizzle 5:30am, rain 7:30-9:30am
30	70	56	62	.10													
31	77	48	55	0													
SUM			SUM	4.09													
							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 occuring 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

WS FORM B-91
(7-89)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Hydrological) Hal m, Mt. Carmel (C.A.E.S) (River Station, if different)		MONTH June	2009
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	77	40	52	0													
2	70	54	60	T													
3	78	55	62	0													
4	74	54	56	.31													
5	70	54	60	T													
6	62	53	60	.52													
7	75	55	68	0													
8	79	61	62	0													
9	74	56	58	.38						X							T-Storms 8:45am-11am
10	67	55	57	.67													
11	67	59	60	.04													
12	65	60	66	.74						X							T-Storm 3am
13	76	62	66	T													
14	75	57	60	.51													
15	69	52	58	T													
16	68	54	62	T													
17	68	47	55	0													
18	68	57	60	.11													
19	64	62	66	2.14													
20	79	61	69	0													
21	75	63	65	1.80													
22	73	64	66	T													
23	72	64	68	.02													
24	77	63	68	0													
25	72	62	66	.28													
26	76	64	68	0						X							T-Storms 5:30pm-7:30pm
27	79	59	74	.20			X										Fog-Sunrise
28	82	61	68	0													
29	78	63	70	0													
30	81	59	72	0													
31																	
SUM			SUM	7.72													

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

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

MONTH July 2009

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.

FORM B-91 (3-39)

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	64	68	0						X							
2	76	63	66	.12													T-Storm 1pm
3	79	61	72	.05													heavy rain
4	79	61	72	.10						X							T-Storms unobserved but likely
5	79	53	69	0													
6	80	56	70	0													
7	83	59	64	.01													
8	79	57	63	1.38						X	X						T-Storm w/hail 1:45pm, 6pm - T-Storm
9	77	57	60	0													T-Storm w/hail + high winds 12:45pm
10	71	52	62	0													
11	75	53	71	0													
12	76	64	73	.10													
13	81	56	68	0													
14	78	52	66	0													
15	79	53	68	0													
16	82	63	72	0						X							
17	81	63	70	.82													T-Storms 10:30pm - 12am
18	83	68	75	.25													
19	82	59	74	0													
20	81	59	67	0													
21	80	63	64	.05													
22	75	63	66	1.31													
23	79	65	70	0													
24	78	61	64	1.86						X							
25	78	59	70	.10													T-Storms 11pm - 12am
26	83	70	74	0						X							
27	84	68	73	.17													T-Storms 11pm - 12am
28	84	69	72	0			X										fog 8am
29	85	73	78	0						X							T-Storm 3pm, T-Storm 9:30pm
30	82	70	76	.22													
31	85	64	72	T						X							T-Storms 2:15pm - 4:30pm
SUM			SUM	6.54													

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

A.M. NOON P.M

Mark 'X' for all types occurring each day.

CONDITION OF RIVER AT GAGE

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

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

READING	DATE

Fog	Ice Pel.	Glaze	Thund	Hail	Dam Winds

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

SUPERVISING OFFICE

STATION INDEX NO 06 5077-2

STATION (Climatic)	(River Station, if different)	MONTH	
Hamden, Mt. Carmel	(C.A.E.S)	August	2009

STATE	COUNTY	RIVER
Connecticut	New Haven	

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

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

ORM 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)	A1 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	81	61	72	1.66													
2	83	64	74	0													
3	77	64	72	.25													
4	83	67	70	0													
5	84	73	78	0													
6	86	61	67	0													
7	79	58	68	0													
8	79	55	66	0													
9	77	61	72	0													
10	73	72	78	.02													
11	88	71	78	.04													
12	88	68	72	T													
13	81	67	68	.05													
14	72	59	68	T													
15	84	64	78	0													
16	87	65	79	0													
17	90	68	75	0			X										Fog - sunrise / 8am
18	90	67	76	0													
19	91	73	75	0													
20	89	70	74	0													
21	88	73	80	0													
22	88	71	77	.67						X							T-storm 5am
23	83	69	75	0													
24	85	66	72	0													
25	84	64	72	0													
26	84	63	70	0													
27	86	60	64	0													
28	78	61	62	0													
29	70	57	59	.60													
30	62	58	64	.22													
31	78	53	58	0													
SUM			SUM	3.51													

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

STATION (Climat. id) Hamden, Mt. Carmel (C.A.E.S) (River Station, if different) | MONTH September | 2009

FORM B-91 (9-69)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATE	COUNTY	RIVER
Connecticut	New Haven	

TIME (local) OF OBSERVATION RIVER	TEMP	PRECIPITATION	STANDARD TIME IN USE
	8:00am	8:00am	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	71	49	56	0														
2	74	49	55	0														
3	76	51	54	0														
4	79	52	60	0														
5	83	62	71	0														
6	84	56	64	0														
7	74	52	62	0														
8	73	56	59	0														
9	77	61	64	0														
10	74	50	53	0														
11	69	53	54	T														
12	62	60	62	1.22														
13	67	63	67	T														
14	80	54	62	0														
15	78	54	61	0														
16	78	59	60	0														
17	70	50	52	.16														
18	63	45	52	T														
19	74	46	54	0														
20	70	42	54	0														
21	72	45	52	0														
22	74	54	60	0														
23	74	62	66	0														
24	78	67	70	.02														
25	81	53	55	0														
26	67	43	47	0														
27	63	51	57	.38														
28	66	53	57	1.00														
29	72	48	51	.40														
30	68	48	52	0														
31																		
SUM			SUM	3.18				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 Ceccarelli, R. Hannan, M. McHill

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

FORM B-91 (8-89)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (City or town): Hamden, Mt. Carmel (River Station, if different): C.A.E.S
MONTH: October 2009

STATE: Connecticut
COUNTY: New Haven
RIVER:

TIME (local) OF OBSERVATION RIVER: 8:00 am
TEMP.: 8:00 am
PRECIPITATION:
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	61	38	45	0													
2	55	37	42	0													
3	59	55	57	.50						X							T-Storm - p.m.
4	65	60	62	.40													
5	73	49	51	.12													
6	66	44	46	0													
7	66	54	64	.55													
8	69	51	52	.01													
9	64	48	52	0													
10	65	53	64	.15													
11	66	35	45	0													
12	63	33	42	0													
13	53	42	47	T													
14	63	35	38	0													
15	54	33	38	0													rain change to snow 3:30pm then back to mixed precip.
16	43	33	36	.40	T	0		X									mixed precip.
17	46	36	42	.10	T	0											
18	49	37	41	.10													rain
19	46	35	36	.50													
20	56	30	32	0													
21	67	41	44	0													
22	63	46	48	0			X										fog - sunrise, dense fog - 8am
23	73	44	46	0													
24	66	43	45	.21													heavy rain - 9pm
25	66	48	51	2.00													
26	66	36	36	0													
27	61	37	42	0													
28	48	47	49	.73													
29	53	45	46	1.11													
30	58	43	45	0													
31	57	51	56	0													
SUM			SUM	6.88	0												

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. Hannan, M. McHill

SUPERVISING OFFICE:

STATION INDEX NO.: 06 5077-2

Connecticut — COUNTY: New Haven — RIVER: GAES — NAVIGATION — 2009

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: Ft. — FLOOD STAGE: Ft. — NORMAL POOL STAGE: Ft.

(7-89)

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.)	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	71	48	50	.28														
2	67	38	40	0														
3	54	34	42	0														
4	58	31	39	0														
5	53	34	38	.05														
6	50	36	40	.10						X								
7	48	26	40	0														T-Storm 7:30pm
8	50	40	53	0														
9	70	33	36	0														
10	66	47	50	0														
11	65	49	50	0														
12	57	43	44	0														
13	51	42	44	0														
14	51	48	51	.58														
15	54	53	55	1.00														
16	67	46	50	0														
17	60	37	39	0														
18	54	32	36	0														
19	51	37	40	0														
20	54	50	60	1.10														
21	65	34	45	0														
22	58	39	46	0														
23	53	40	43	0														
24	47	44	46	.06														
25	50	46	48	.01														
26	49	46	47	T														light mist / drizzle
27	54	42	45	0														
28	49	42	46	.31														
29	55	33	37	.10														
30	55	40	50	0														
31																		
SUM			SUM	3.59														

CONDITION OF RIVER AT GAGE

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

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

READING	DATE

Fog | Ice Pel. | Glaze | Thund | Hail | Dam. Winds

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 1t. Carmel (C.A.E.S) (River Station, if different)
MONTH	December 2009
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	54	31	32	.32													
2	44	28	30	0													
3	51	46	62	1.82													
4	66	35	36	0													
5	58	32	39	0													rainchange to snow 5pm endingas snow
6	44	28	33	.52	T	T											
7	37	24	27	0	0	T											
8	39	29	31	0	0	T											
9	43	29	36	1.01	3.5	3.5	X										
10	37	33	38	.35	0	2											snow change to rain 7am, fog 12am
11	41	20	21	0	0	1											
12	33	19	27	0	0	T											
13	33	19	26	0	0	T											rain
14	43	29	32	.98	0	0											
15	45	34	41	0	0	0											
16	49	27	28	0	0	0											
17	44	18	22	0	0	0											
18	30	11	15	0	0	0											
19	30	19	21	0	0	0											Snow
20	25	18	23	.57	7	7											snow
21	26	22	26	T	T	6											
22	33	16	23	0	0	5											
23	32	4	11	0	0	4.5											
24	28	18	28	0	0	4											
25	39	22	27	0	0	3											
26	35	33	37	T	0	T											rain
27	41	37	51	1.20	0	T											
28	55	27	32	0	0	0											rain
29	38	14	22	T	0	0											
30	33	11	15	0	0	0											
31	30	24	28	0	0	0											Snow
SUM			SUM	6.77	10.5												
						CHECK BAR (For wire-weight) NORMAL CK. BAR											
						READING											
						DATE											

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

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. Cecareili, R. Hannan, M. McHill

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2