

STATION (Climate) **Hamden + Carmel (C.A.E.S)** (River Station, if different)
 STATE **Connecticut** COUNTY **New Haven** MONTH **April** YEAR **2005**
 TIME (local) OF OBSERVATION RIVER TEMP **8:00 am** PRECIPITATION **8:00 am** STANDARD TIME IN USE **Eastern**

WFO FORM B-91
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL WATER RESEARCH SERVICE
RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

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

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.						GAGE READING AT	TENDENCY		
	MAX.	MIN.		Rain, melted snow, etc. (ins and hundredths)	At Obs	Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.										
					A M	NOON	P M	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	CONDITION	
1	53	38	40	.06												
2	52	39	41	1.00												
3	54	40	41	1.17												
4	44	38	42	T												
5	52	32	46	0												
6	66	38	50	0												
7	68	43	47	0												
8	67	47	49	.42												
9	61	41	50	0												
10	62	31	45	0												
11	70	43	48	0												
12	60	32	36	0												
13	55	37	42	0												
14	55	33	50	0												
15	65	36	40	0												
16	58	33	44	0												
17	60	31	46	0												
18	73	50	62	0												
19	76	37	50	0												
20	76	45	58	0												
21	85	49	50	0												
22	64	39	44	0												
23	59	45	52	T							X					Thunder 12pm
24	57	47	53	3.1												Clearing 1am
25	57	38	46	.10												snow squall - 10am
26	53	35	52	.01	T											
27	66	49	55	.10												
28	56	47	54	.43												
29	65	33	46	0												
30	63	46	48	T												
31																

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

CHECK BAR (For wire weight) NORMAL CK. BAR
 OBSERVER **Richard Cecarelli / Rollin Hannan**
 SUPERVISING OFFICE _____ STATION INDEX NO **06-5077-2**

FORM B-91

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climate) Hamden Mt. Carmel (C.A.E.S.) MONTH May YEAR 2005
 STATE Connecticut COUNTY New Haven RIVER _____
 TIME (local) OF OBSERVATION _____ PRECIPITATION _____ STANDARD TIME IN USE Eastern
 TYPE OF RIVER GAGE _____ ELEVATION OF RIVER GAGE ZERO _____ FLOOD STAGE _____ NORMAL POOL STAGE _____

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						GAGE READING AT	TENDENCY						
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	A.M.		NOON		P.M.					CONDITION				
1	55	49	58	.44																
2	64	35	49	T																
3	61	36	46	.20																
4	57	33	50	0																
5	59	35	48	0																
6	61	38	42	0																
7	56	43	47	.12																
8	54	43	52	.07																
9	58	46	58	0																
10	68	42	50	0																
11	67	44	54	0																
12	69	49	66	0																
13	66	34	44	0																
14	61	48	55	0																
15	68	53	58	0																
16	72	51	56	.02																
17	66	50	54	.03																
18	69	44	54	0																
19	69	46	56	0																
20	68	46	52	0																
21	59	41	50	0																
22	69	49	51	T																
23	58	46	52	.08																
24	63	44	50	.17																
25	57	45	48	.21																
26	51	48	54	.12																
27	57	51	60	.05																
28	76	46	62	.12																
29	77	53	60	.10																
30	76	51	60	0																
31	77	52	64	0																
SUM			SUM	1.73																

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

Fog Ice Pellets Glaze Thunder Hail Damaging Winds

CONDITION

GAGE READING AT

TENDENCY

REMARKS (Special observations, etc.,)

T-storm 5pm

T-storm 7pm

T-storm 2pm

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

READING DATE

OBSERVER Richard Cecarelli / Rollin Hanman

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

- 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 (Climatol) **Hamden Mt. Carmel (C.A.E.S.)** MONTH **June 2005**
 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 F.L. FLOOD STAGE F.L. NORMAL POOL STAGE F.L.

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. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	A.M.			NOON			P.M.			Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	CONDITION	GAGE READING AT — A.M.	TENDENCY					
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)		1	2	3	4	5	6	7	8	9											10	11	1	2	
1	74	54	60	T																										
2	68	52	56	0																										
3	70	54	62	0																										
4	70	59	64	.05																										
5	83	59	70	0																										
6	88	62	78	0																										
7	80	63	70	.01																										
8	89	59	80	0																										
9	90	59	76	0																										
10	90	64	72	0																								morning fog		
11	79	68	74	0																										
12	85	66	77	T																										
13	89	68	80	0																										
14	91	70	86	0																										
15	90	59	64	0																										
16	68	55	58	.03																								drizzle-1am, fog 8am, drizzle-8am		
17	62	54	64	.18																								T-storm 7:30pm		
18	75	54	70	0																										
19	76	58	68	0																										
20	70	49	66	0																										
21	75	51	68	0																										
22	83	56	74	0																										
23	77	50	64	.07																										
24	78	52	70	0																										
25	84	60	74	0																										
26	92	65	76	0																										
27	96	72	80	0																										
28	86	70	76	.75																								T-storm 4am-6am, fog-8am		
29	78	69	75	.11																								T-storm 3:20pm, fog-8am, rain extremely heavy		
30	84	68	74	3.10																										
31				4.30																										
SUM			SUM	4.30																										

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 **Richard Cecarelli / Rollin Hannan** SUPERVISING OFFICE STATION INDEX NO. **06-5077-2**

STATION (Climate) **Hamden (Mt. Carmel (C.I.F.S.))** (River Station, if different)
 STATE **Connecticut** COUNTY **New Haven**
 MONTH **Sept.** YEAR **2005**
 RIVER
 TEMP. **8:00am** PRECIPITATION **8:00am** STANDARD TIME IN USE **EST**
 TIME (local) OF OBSERVATION RIVER FLOOD STAGE NORMAL POOL STAGE
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO F.L. F.L. F.L.

FORM B-91
 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 (Special observations, etc.)	
	24 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS			Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY		
	MAX.	MIN.		Rain, melted snow, etc. (ins. and fractions)	Snow, ice pellets, (ins. and tenths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	A.M.			NOON						P.M.
1	82	62	68	.03												
2	85	56	62	0												
3	87	64	68	0												
4	81	61	66	0												
5	82	55	60	0												
6	82	56	60	0												
7	81	51	58	0												
8	81	54	60	0												
9	84	61	64	0												
10	80	54	60	0												
11	79	49	52	0												
12	77	56	62	0												
13	92	62	70	0												
14	89	66	69	0												
15	87	71	74	.26												8:30am - T storm
16	79	70	72	.89												Fog - 8am
17	77	66	66	.10												6pm - T storm
18	82	59	62	.95												
19	79	55	62	0												
20	84	62	68	0												Fog - 8am
21	79	59	63	T												
22	81	53	56	0												
23	84	63	69	0												
24	83	51	54	0												
25	72	44	54	0												
26	68	62	68	0												
27	74	59	64	.37												
28	73	46	50	0												
29	72	58	66	0												clear skies 4pm, strong winds
30	73	40	42	.20												10am - 3pm
31																

SUM **2.80** CHECK BAR (For wire-weight) NORMAL CK. BAR
 CONDITION OF RIVER AT GAGE READING DATE
 A. Obstructed by rough ice. E. Ice gorge below gage
 B. Frozen, but open at gage. F. Shore ice.
 C. Upper surface of smooth ice. G. Floating ice.
 D. Ice gorge above gage. H. Pool stage.
 OBSERVER **Richard Caccarelli / Rollin Hannan**
 SUPERVISING OFFICE STATION INDEX NO
06-5077-2

STATION (Name) **Hamden, Mt. Carmel (River Station, if different)**
 STATE **Connecticut** COUNTY **New Haven**
 MONTH **October** YEAR **2005**
 TIME (local) OF OBSERVATION RIVER **Eastern**

FORM B-91 (1-89)
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL WEATHER SERVICE
RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

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

DATE	TEMPERATURE F.			PRECIPITATION		WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)		
	24 HRS. ENDING AT OBSERVATION		AT OBS.	24-HR AMOUNTS		Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY			
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	At Ob. Snow, ice pellets, hail, ice on ground (ins.)	A.M.			NOON						P.M.	
1	64	41	44	0												
2	71	45	50	0												
3	78	51	54	0												
4	74	57	60	0												Fog - sunrise / 8:00am
5	75	53	57	0												Fog - 8am
6	78	59	64	.01												Fog - sunrise / 8am
7	73	67	70	.02												Rain - heavy overnight
8	74	69	73	.40												Heavy rain - overnight
9	73	50	50	5.00												
10	57	53	54	.07												
11	58	55	56	1.03												
12	59	50	50	.48												T-storm - 12am-2am w/ heavy rain
13	57	52	54	2.27												
14	58	55	56	1.46												
15	60	58	58	2.10												
16	70	45	46	.10												
17	64	50	48	0												
18	64	40	46	.05												
19	69	41	40	0												
20	66	42	44	0												
21	59	41	40	0												
22	57	37	39	T												
23	46	40	41	.70												T-storm 12am
24	53	35	36	0												
25	50	40	46	1.21												
26	48	36	34	.37												
27	52	31	36	0												
28	46	29	30	0												
29	47	32	34	0												
30	46	35	43	0												
31	68	33	48	0												
SUM			SUM	15.27												

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

CHECK BAR (For wire-weight) NORMAL CK. BAR
 OBSERVER **Richard Cecarelli / Rollin Hannan**
 SUPERVISING OFFICE _____ STATION INDEX NO. **06-5077-2**

STATION (City or Hamlet)	STATE	RIVER
Hamlet, Mt. Carmel (C.A.E.S.)	Connecticut	New Haven
(River Station, if different)	COUNTY	MONTH
	New Haven	November 2005
TEMP.	PRECIPITATION	STANDARD TIME IN USE
8:00am	8:00am	Eastern
TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO	FLOOD STAGE
	Ft.	Ft.
		NORMAL POOL STAGE
		Ft.

FORM B-91
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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. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.	A.M.			NOON			P.M.			Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	CONDITION	GAGE READING AT A.M.	TENDENCY																			
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, (ins. and tenths)		1	2	3	4	5	6	7	8	9												10	11	1	2	3	4	5	6	7	8	9	10	11					
1	65	38	45	0																																								
2	66	42	47	0																																								
3	59	32	38	0																																								
4	64	40	48	0																																								
5	66	43	49	0																																								
6	69	48	54	T																							Evening Fog																	
7	64	43	50	.05																							Fog-sunrise, shower 7am, shower 11pm																	
8	62	38	47	0																																								
9	61	35	40	0																							T-storm 11pm																	
10	52	41	46	.49																																								
11	55	31	34	0																																								
12	45	25	30	0																																								
13	55	33	40	0																																								
14	62	49	54	.02																							shower 4am																	
15	66	41	44	0																							shower																	
16	60	45	60	.04																																								
17	67	38	40	.80																																								
18	63	25	29	0																																								
19	40	20	28	0																																								
20	45	27	36	0																																								
21	56	30	36	0																																								
22	52	39	44	.97																																								
23	48	27	28	.85																																								
24	39	23	24	.28	2	2																					snow																	
25	45	19	20	0	0	T																																						
26	37	16	24	0	0	0																																						
27	37	29	32	0	0	0																																						
28	45	37	36	0																																								
29	60	35	60	T																																								
30	62	49	58	1.63																							Fog-8am, rain, clearing 2pm																	
31																																												
SUM			SUM	5.13	2		CHECK BAR (For wire-weight) NORMAL CK. BAR																																					

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.		

WEATHER (Calendar Day)	Fog	Ice Pellets	Glaze	Thunder	Hail	Dam Winds
Observer	Richard Cecarelli / Rollin Hannah					
SUPERVISING OFFICE						
STATION INDEX NO.	06-5077-2					

