

STATION (Climate) **Mount Carmel** (River Station if different)

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

MONTH **February** YEAR **2004**

FORM B-91 (7-89)

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

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 **FI** FLOOD STAGE **FI** NORMAL POOL STAGE **FI**

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			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	GAGL READING AT	TENDENCY				
	MAX	MIN		Rain, melted snow, etc. (ins. and tenths)	Snow, ice pellets, etc. (ins. and tenths)	Snow, ice pellets, etc. (ins. and tenths)	A.M.	NOON	P.M.	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds					Time of observation if different from above		
1	28	15	16	0		7																
2	32	17	18	0		6																
3	39	13	21	0		5.5														Rain 4pm-9pm		
4	37	23	33	.94		4.5																
5	44	14	20	0		3																
6	36	24	26	.20	2	3														snow 5am-10am, rain 10am-9pm		
7	36	33	34	1.32		3																
8	42	15	15	0		3																
9	28	15	16	0		3																
10	40	21	30	0		3																
11	48	27	30	T	T	2														snow flurries 7am-8am		
12	37	16	18	0		2																
13	41	27	31	0		2																
14	41	25	30	0		1																
15	41	18	18	0		1																
16	24	6	6	0		1																
17	32	12	12	0		.5																
18	32	15	24	0		.5																
19	40	26	28	0		.5																
20	41	21	24	0		.5																
21	38	20	32	T		T														rain after midnight, rain 6pm-7pm		
22	46	33	34	T		T																
23	42	26	30	0		T																
24	45	25	28	0		0														snow flurries 3pm-4pm		
25	40	21	21	T	T	T																
26	40	25	26	0		0																
27	45	24	24	0		0																
28	49	31	36	0		0																
29	56	29	36	0		0																
30																						
31																						
SUM				2.46	2	CHECK BAR (For wire-weight) NORMAL CK. BAR																
CONDITION OF RIVER AT GAGE				READING		DATE		OBSERVER						SUPERVISING OFFICE		STATION INDEX NO.						
A. Obstructed by rough ice.				E. Ice gorge below gage		Richard Cecarelli / Rollin Hannan																
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.																		

06-5077-2

STATION (Climatological) **Mount Carmel** (River Station, if different)

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

TIME (local) OF OBSERVATION **8:00am** RIVER **Eastern**

TEMP. **8:00am** PRECIPITATION **8:00am** STANDARD TIME IN USE

TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO F1 FLOOD STAGE F1 NORMAL FLOOD STAGE F1

MONTH **May** YEAR **2004** 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

DATE	TEMPERATURE F.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)						
	24 HRS ENDING AT OBSERVATION		AT OBSH	24-HR AMOUNTS		At Ob.	Mark X for all types occurring each day						GAGE READING AT	TENDENCY							
	MAX	MIN		Rain, melted snow etc. (ins and hundredths)	Snow, ice pellets, (ins and tenths)		A M		NOON		P M					Fog	Ice Pellets	Glaze	Thunder	Hail	Damgng Winds
1	75	48	60	0																	
2	76	59	61	0																	
3	66	60	62	.19																	Fog-Sunrise / 8am
4	61	39	47	.73																	
5	61	34	50	0																	
6	63	45	54	T																	
7	69	48	60	0																	
8	87	50	52	0																	
9	60	47	52	.16																	
10	60	45	62	T																	
11	70	53	68	.05																	
12	86	61	70	0																	
13	87	64	70	0																	
14	81	50	54	0																	
15	66	57	66	0																	
16	83	59	68	.17																	
17	78	54	62	0																	
18	69	54	64	.05																	
19	73	60	68	.05																	
20	73	47	57	0																	
21	71	54	64	.15																	T-storm 3am
22	86	64	67	0																	
23	72	54	60	T																	T-storms 5-6:30pm, T-storm 12am
24	88	58	58	.28																	T-storm 6am
25	66	54	64	.05																	
26	74	47	50	T																	rain 12am, T-storm 12:30am
27	57	49	49	.39																	
28	73	55	58	.05																	
29	73	50		.23																	
30	65	39		0																	
31	73	49	58	0																	
SUM			SUM	2.55																	

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) Mount Carmel (River Station, if different)
 STATE Connecticut COUNTY New Haven MONTH June YEAR 2004
 TIME (local) OF OBSERVATION RIVER RIVER STANDARD TIME IN USE
8:00am 8:00am Eastern

FORM B-91 (7-89) U.S. DEPARTMENT OF COMMERCE
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
 NATIONAL WEATHER SERVICE
RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

DATE	TEMPERATURE F.		AT OBSN.	PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)	
	MAX.	MIN.		24-HR AMOUNTS		At Ob.	Fog	Ice Pellets	Glaze	Thunder	Hail	Dancing Winds	CONDITON	GAGE READING AT A.M.		TENDENCY
				Rain, melted snow, etc. (ins and hundredths)	Snow ice pellets (ins. and tenths)											
1	67	48	52	.65												Rain 12am-5am
2	64	49	60	.02												showers
3	77	53	57	.03												shower
4	75	44	58	T												shower
5	71	51	52	0												showers
6	69	52	54	.02												
7	60	50	60	.03												
8	80	54	71	0												
9	88	61	76	0						X						T-storm
10	93	68	76	.05												
11	84	52	60	0												
12	73	49	60	0												
13	76	51	64	0												
14	76	58	68	0												
15	72	65	74	.11												
16	88	65	74	0												
17	86	66	73	0												
18	84	67	70	.08												
19	84	64	70	.03												
20	83	50	63	0												
21	73	46	68	0												
22	79	58	70	0												
23	76	63	70	.07												
24	83	55	67	0												
25	81	63	70	0												
26	77	63	68	0												Shower
27	78	51	64	.08												
28	78	52	68	0												
29	78	51	68	.19												
30	79	55	70	0												
31																

SUM 1.36 CHECK BAR (For core-weight) NORMAL CK. BAR
 CONDITION OF RIVER AT GAGE: READING DATE
 OBSERVER: Richard Cecarelli / Rollin Hannan
 SUPERVISING OFFICE: _____ STATION INDEX NO. 06-5077-2

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

STATION (City) **Moor Carmel** (River Station, if different)
 STATE **Connecticut** COUNTY **New Haven** MONTH **July** YEAR **2004**
 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 F1 FLOOD STAGE F1 NORMAL POOL STAGE F1

FORM B-91
(59)

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 Obs. Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved	Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY			
	MAX	MIN.		Plain, wet snow etc. (ins and hundredths)	Snow, ice pellets, (ins and tenths)		Snow, ice pellets, hail, ice on ground (ins.)	AM		NOON		PM				COND.	A.M.
1	82	55	71	0													
2	84	65	75	0													
3	86	59	70	.70													
4	82	57	74	0													
5	84	66	72	1.00													
6	78	63	72	.05													
7	80	60	70	0													
8	83	66	72	.02													
9	85	64	70	0													
10	79	56	66	0													
11	83	61	72	0													
12	82	64	70	0													
13	71	55	66	.60													
14	65	60	65	.05													
15	76	63	70	.12													
16	80	58	70	0													
17	80	62	72	0													
18	85	64	68	0													
19	80	65	68	.34													
20	81	63	72	T													
21	86	63	70	0													
22	86	63	72	0													
23	84	70	76	0													T-Storm 3:45 pm
24	81	67	70	.75													
25	73	63	66	0													
26	73	58	66	0													
27	82	57	69	0													
28	72	59	62	1.22													
29	71	59	72	.03													
30	84	59	70	0													
31	81	72	78	0													
			SUM	4.88													

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 (Climatological) **Mount Carmel** (River Station, if different)
 STATE **Connecticut** COUNTY **New Haven** MONTH **November 2004**
 RIVER
 TIME (local) OF OBSERVATION RIVER TEMP **8:00 am** PRECIPITATION **9:00 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 GBSN	24 HR AMOUNTS			Mark 'X' for all types occurring each day						GAGE READING AT	TENDENCY				
	MAX	MIN		Rain, melted snow etc. (in tenths and hundredths)	Snow on belts, tops and surfaces	At Ob	Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.			Fog	Ice Pellets	Graze				Thunder	Hail	Damaging Winds
						A M	NOON	P M										
1	72	50	56	0														
2	62	37	44	0														
3	55	46	50	T														
4	57	28	32	0														
5	48	31	48	.77														
6	55	34	42	0														
7	57	34	40	0														
8	65	42	44	0														
9	50	27	33	0														
10	41	18	26	0														
11	40	30	45	0														
12	55	37	37	T														
13	44	29	32	.77	1	1												snow early a.m.
14	43	25	30	0		0												
15	48	38	42	0														
16	60	28	35	0														
17	56	26	32	0														
18	54	30	35	0														
19	61	34	51	0														
20	62	41	44	0														
21	51	43	47	.25														
22	48	46	48	T														
23	53	34	40	0														
24	57	35	46	T														rain heavy 1pm-4pm
25	57	41	60	1.00														
26	63	29	32	.06														
27	42	27	32	0														
28	51	44	54	T														
29	56	35	40	1.00														
30	50	32	36	0														
31																		
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 sludge.

CHECK BAR (For wire weight) NORMAL CK. BAR
 READING DATE

WEATHER (Calendar Day) summary:
 Fog: [] Ice Pellets: [] Graze: [] Thunder: [] Hail: [] Damaging Winds: []
 Time of observation if different from above: []
 CONDITION: []
 GAGE READING AT: [] TENDENCY: []

OBSERVER: **Richard Cecarelli / Rollin Hannan**
 STATION INDEX NO: []

STATION (Climate) **Mound (Armel)** (River Station if different)

MONTH **December** 2004

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 F1 FLOOD STAGE F1 NORMAL POOL STAGE F1

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						GAGE READING AT	TENDENCY		
	MAX	MIN		Rain melted snow etc. (ins and hundredths)	Snow ice pellets (ins and tenths)		Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds				AM
1	52	32	52	.43												rain ends 1:30pm turns clear
2	56	29	34	1.02												
3	47	25	29	0												
4	47	20	30	0												
5	39	32	46	0												
6	54	27	28	0												
7	39	27	33	.10	T	T										snow 1pm-3pm freezing rain 3pm change to rain ending 2am. Rain 10am-8:30pm
8	49	29	48	.75		0										
9	59	29	32	0												
10	47	31	40	.40												
11	43	41	42	.70												
12	47	34	39	0												
13	44	33	41	T												light rain/sleet
14	47	24	33	1.02												
15	38	15	20	0												
16	30	9	16	0												
17	41	16	32	0												
18	44	16	20	0												
19	40	26	30	0												
20	39	5	5	.30	4	4										rain 5pm, change to snow 10pm snow, turning clear
21	19	-2	4	0		2.5										
22	29	6	18	0		T										
23	48	19	52	.10		T										
24	58	28	30	1.00		0										
25	33	17	22	0												
26	31	18	22	0												8am-flurries, snow 7pm
27	28	15	21	.12	1	1										snow
28	24	5	5	0		1										snow flurries
29	32	5	32	T	T	1										
30	43	31	35	0		0										
31	42	26	33	0												

SUM 4.94 5

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 **Richard Cearelli / Rollin Hannan**

SUPERVISING OFFICE

STATION INDEX NO. **06-5077-2**