

STATION (Climatological) **MT. Carmel, Hamden (CATS)** (River Station, if different)  
 STATE **Connecticut** COUNTY **New Haven** MONTH **January** YEAR **2017**  
 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.

WS FORM B-91 (12/00)  
 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 Cb.	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.				A.M.	NOON	PM.	Fog	Ice Pellets	Glaze	Thunder	Hail				Drizzle or Rain	Windy
1	40	32	47	0														
2	46	25	34	0														
3	40	32	36	.32													rain	
4	40	38	42	.59													rain	
5	50	25	28	0													rain	
6	44	25	30	.03	1	1											snow	
7	31	18	24	.02	T	0											snow	
8	27	6	11	.36	5.5	5.5												
9	22	-1	6	0	0	4.5												
10	20	6	12	0	0	3.5												
11	34	32	46	.22	0	0											rain	
12	52	37	46	.37													rain	
13	55	35	43	.03														
14	54	22	32	0													snow	
15	35	17	37	.04	1	1												
16	39	15	33	0	0	0												
17	40	30	38	0													rain	
18	39	34	40	.30													rain, fog 8am	
19	37	31	33	.01														
20	47	35	40	0														
21	43	37	44	0														
22	49	35	44	0														
23	53	37	42	0														
24	50	33	35	1.20													rain, sleet 6pm	
25	38	33	39	.18													rain	
26	45	35	37	0													rain	
27	53	37	39	T													rain	
28	46	28	38	0														
29	40	27	38	0														
30	42	26	26	0														
31	36	16	21	0													snow	
SUM			SUM	3.67	7.50		CHECK BAR (For wire-weight) NORMAL CK. BAR											

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. Flooding ice.  
 D. Ice gorge above gage. H. Pool stage.

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



STATION (Or list station) Mt. Carmel, Hamden (CAES) (River Station Different)  
 STATE Connecticut COUNTY New Haven  
 MONTH March YEAR 2017  
 RIVER  
 TIME (local) OF OBSERVATION RIVER TEMP. 8:00 am PRECIPITATION 8:00 am STANDARD TIME IN USE Eastern

W. J. RM B-91  
(12/00)

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 OBSN.	24-HR AMOUNTS		Al Ob.	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, hail, ice on tethers) (tenths)		A.M.	NOON	P.M.	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds									
1	57	48	52	.03											X								Fog sunrise/8am, T-Storm 10:30am	
2	53	40	50	.12												X								
3	58	24	31	0																				
4	41	14	25	0																				
5	35	9	24	0																				
6	33	15	26	0																				
7	45	28	39	.02																				rain
8	46	43	47	.09																				
9	59	41	52	T																				
10	57	30	31	.09	2	2																		snow
11	52	11	20	.08	1.5	1																		
12	33	10	22	0	0	T																		* Daylight savings
13	28	11	20	0	0	T																		
14	32	24	31	.33	3	3									X									snow, sleet/rain 11am-7pm, blizzard conditions
15	32	14	26	1.32	6	9																		
16	29	17	23	0	0	8																		
17	37	17	26	0	0	7																		
18	45	21	39	0	0	7																		
19	45	31	41	0	0	6																		
20	42	26	34	0	0	5																		
21	52	36	40	0	0	4																		
22	53	26	32	0	0	2																		snow flurries
23	52	12	22	0	0	0																		
24	40	23	35	0																				
25	45	35	52	0																				
26	50	33	41	0																				rain shower
27	40	34	36	.04																				rain
28	41	38	44	.51																				rain
29	44	40	46	.41																				
30	54	29	40	0																				
31	53	35	40	.10											X									sleet 3am, change to rain 6am

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. Mc Hill  
 SUPERVISING OFFICE  
 STATION INDEX NO. 06-5077-2





STATION (Climatol.) **MT. Carmel, Hamden, (CAES)** (River Station, if different)  
 STATE **Connecticut** COUNTY **New Haven** MONTH **June** 20 **2017**  
 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 **Fl.** FLOOD STAGE **Fl.** NORMAL POOL STAGE **Fl.**

U.S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL WEATHER SERVICE  
 W. FORM B-91 (12/00)  
**RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS**

DATE	TEMPERATURE F.			24-HR AMOUNTS		PRECIPITATION		WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)						
	24 HRS. ENDING AT OBSERVATION		AT OBS.	Rain, melted snow, etc. (inc. and hydrocasts)	Snow, ice pellets, hail (inc. and terms)	At Ob.	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.					A.M. NOON P.M.			Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds		Time of observation if different from above	CONDITION	— A.M.			
1	69	56	66	.47			+														T-Storms 12am-2:30am	
2	78	50	62	0																		
3	76	44	62	0																		
4	73	48	73	0																		
5	72	54	60	.48			~~~~															fog 8am
6	62	50	52	.06																		
7	61	49	58	.07																		
8	72	47	64	0																		
9	71	43	62	0																		
10	79	52	80	0																		
11	84	60	83	0																		
12	90	62	83	0																		
13	92	67	84	0																		
14	95	70	75	0																		
15	87	53	68	0																		
16	80	59	64	0																		
17	67	61	69	.10																		
18	73	66	74	.15																		
19	80	74	74	0																		T-Storms 6:30pm
20	83	68	74	.86			~~~~															
21	83	59	74	0																		
22	83	60	74	0																		
23	83	67	79	0																		
24	83	70	81	T																		
25	85	60	83	.43																		
26	83	54	69	T																		
27	79	57	64	.08																		Isolated T-Storms 6:30pm
28	76	50	65	.15																		
29	78	58	67	0																		
30	79	63	75	0																		T-Storms 6:30pm
31																						
SUM				2.85																		

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

STATION (Climate), **Mt. Carmel Hamden (CAES)** (River Station, if different)  
 STATE **Connecticut** COUNTY **New Haven** MONTH **July** 20**2017**  
 TIME (local) OF OBSERVATION **8:00am** RIVER **Eastern**  
 TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO **Ft.** FLOOD STAGE **Ft.** NORMAL POOL STAGE **Ft.**

FORM B-91 (12/00) 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.						CONDITION	GAGE READING AT A.M.		TENDENCY		
	MAX.	MIN.		Rain, melted snow, etc. (inc. and hundredths)	Snow, ice pellets, hail, (inc. and hundredths)		A.M.			NOON							P.M.	
1	83	66	79	1.20														
2	81	68	83	0														
3	87	63	81	0														
4	87	61	70	0														
5	86	62	73	0														
6	82	59	70	0														
7	78	63	66	.20														
8	72	63	77	.93														
9	84	67	78	0														
10	81	63	78	0														
11	84	68	74	.64													heavy rain 1am	
12	84	68	76	0														
13	89	69	76	T													T-storm 3pm	
14	90	59	60	1.22														
15	71	63	73	.10														
16	82	62	81	0														
17	85	64	80	0														
18	83	69	80	0														
19	85	69	80	0														
20	91	64	82	0														
21	92	68	80	0														
22	89	69	80	0														
23	87	69	78	0														
24	81	59	59	.47														
25	63	57	60	.29														
26	68	55	66	T														
27	77	57	68	0														
28	75	64	76	0														
29	83	63	70	0														
30	80	54	77	0														
31	82	55	69	0														
SUM			SUM	5.05														

CONDITION OF RIVER AT GAGE  
 A. Obstructed by rough ice. E. Ice gorge below gage  
 B. Frozen, but open at gage. F. Shores 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  
 READING DATE  
 OBSERVER **R. Cecarelli, R. Hannan, M. Mc Hill**  
 SUPERVISING OFFICE STATION INDEX NO. **06-5077-2**





STATION (Climate...  
 MONTH September 20 2017  
 STATE Connecticut  
 COUNTY New Haven  
 RIVER  
 TIME (local) OF OBSERVATION 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.

FORM B-91 (12/00)

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.							GAGE READING AT	TENDENCY											
	MAX.	MIN.		RAIN, melted snow, etc. (ins. and hundredths)	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.									
						Mark 'X' for all types occurring each day.																			
1	80	49	58	T																					
2	73	46	56	0																					
3	68	52	58	.37																					
4	62	53	67	.35																					
5	79	66	74	0																					
6	81	65	71	.16										X			T-storm 9:30 am								
7	77	58	64	.65																					
8	72	49	64	.05																					
9	71	51	61	0																					
10	71	51	61	0																					
11	73	48	58	0																					
12	78	53	59	0																					
13	80	52	65	0																					
14	81	65	70	0																					
15	79	64	72	T										X			fog-sunrise, 8am								
16	81	64	73	0																					
17	82	63	75	0																					
18	82	62	65	0																					
19	76	66	70	0																					
20	73	68	72	.11																					
21	76	70	72	0																					
22	74	63	70	0																					
23	78	65	79	0																					
24	87	60	80	0																					
25	91	64	73	0																					
26	89	62	68	0										X			fog 3am								
27	83	64	70	0																					
28	86	67	69	0																					
29	81	44	54	0																					
30	71	47	58	.07																					
31																									
SUM			SUM	1.76		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: K. Cacarella, R. Hannan, M. McMill  
 SUPERVISING OFFICE:  
 STATION INDEX NO.: 06-5077-2

STATION (Climate...)  
**MT. Carmel, Hamden (CAES)**  
 STATE **Connecticut** COUNTY **New Haven**  
 MONTH **October** 20 **2017**  
 RIVER  
 TIME (local) OF OBSERVATION RIVER **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.**

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.						GAGE READING AT	TENDENCY		
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, (ins. and tenths)		Snow, ice pellets, hail, ice on ground (ins.)	A.M.		NOON		P.M.				CONDITION
1	64	42	57	0												
2	68	47	52	0												
3	68	44	52	0												
4	68	44	53	0												
5	74	56	65	0												
6	81	55	72	.01												
7	79	61	70	0												fog sunrise / 8 am
8	77	69	75	0												
9	73	70	76	.50												
10	73	61	68	.41												
11	79	56	62	0												
12	74	42	53	.12												
13	68	40	48	0												
14	65	54	62	T												
15	72	61	70	.01												
16	72	51	58	.03												
17	69	34	42	0												
18	58	38	44	0												
19	71	44	50	0												
20	69	46	58	0												
21	72	43	58	0												
22	77	44	56	0												
23	75	47	56	0												
24	72	65	72	0												heavy rain 10pm
25	72	61	65	3.42												
26	69	51	52	.18												
27	61	40	42	.01												
28	62	40	49	0												
29	66	58	65	T												
30	64	47	52	3.72												
31	67	39	41	.04												
SUM			SUM	8.47												

- 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.

CONDITION OF RIVER AT GAGE: READING \_\_\_\_\_ DATE \_\_\_\_\_  
 SUPERVISING OFFICE: **R. Cecarelli, R. Hannan, M. Mc Hill**  
 STATION INDEX NO.: **06-5077-2**

STATION (Climate) *MT. Carmel, Hamden (CAES)* (Fill for Station, if different)  
 STATE *Connecticut* COUNTY *New Haven* MONTH *November* 20 *2017*  
 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  
(12/00)

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 <i>(Special observations, etc.)</i>														
	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.														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, sleet (ins. and tenths)	Snow, ice pellets, hail, ice on ground (ins.)	A.M.				NOON				P.M.						Fog	Ice Pellets	Glaze	Thunder	Hail					Damaging Winds										
1	56	34	42	0																																				
2	52	42	50	.01																																				
3	69	59	63	0																																				
4	72	36	44	0																																				
5	69	42	49	0																																				
6	50	49	63	.11																																				
7	65	37	46	.05																																				
8	62	35	40	.57																																				
9	46	29	34	0																																				
10	51	27	40	.03																																				
11	52	19	31	0																																				
12	37	24	34	0																																				
13	45	30	38	0																																				
14	40	33	40	.06																																				
15	39	29	36	.01																																				
16	47	38	51	.01																																				
17	54	38	39	.18																																				
18	48	20	33	0																																				
19	51	42	59	.47																																				
20	59	28	40	T																																				
21	44	28	42	0																																				
22	56	40	46	.23																																				
23	51	28	37	.26																																				
24	42	23	32	0																																				
25	47	29	48	0																																				
26	54	38	49	0																																				
27	50	29	40	0																																				
28	49	25	34	0																																				
29	44	38	50	0																																				
30	61	27	31	0																																				
31																																								
30% <b>SUM</b>			1.99																																					

**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.

**CHECK BAR (For wire-velocity) NORMAL CK. BAR**  
 Fog Ice Pel. Glaze Thunder Hail Dam. Winds  
 OBSERVER *R. Cecorelli, R. Hannan, M. McHill*  
 SUPERVISING OFFICE STATION INDEX NO.  
**06-5077-2**

