

STATION (Ch) Mt. C mel, Hamden (CAES) MONTH January 20 2019

STATE Connecticut RIVER COUNTY New Haven

TIME (local) OF OBSERVATION 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.

3 FORM B-91 (1/00)

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.	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, (ins. and tenths)	SNOW, ice pellets, hail, ice on ground (ins./)		A.M.			NOON			P.M.			Fog	Ice Pellets					Glaze	Thunder
1	54	38	54	1.06																			rain	
2	58	27	29	0						H														mixed precip.
3	43	29	35	.04																				
4	45	26	32	0																				
5	44	34	43	.38																				rain
6	41	29	35	.39																				rain showers
7	45	18	22	T																				
8	39	26	30	.03	T													X						fog 10am, snow 4am change to rain
9	42	38	43	.25															X					T-storms 12:30am
10	44	29	31	0																				snow flurries
11	40	19	24	0																				
12	29	15	24	0																				
13	30	19	24	0																				
14	28	18	26	0																				
15	31	15	24	0																				
16	35	17	27	0																				
17	39	20	21	0																				
18	33	23	25	.01	T	T																		snow, flurries 10am
19	40	25	35	0																				
20	36	29	34	.45	1.5	1.5																		rain 2:15am, snow/rain sunrise, freezing rain 8am
21	31	-2	-1	.80	0	1.5																		
22	11	6	7	0	0	1.5																		
23	24	15	25	0	0	1.5																		rain
24	46	34	50	.68	0	0																		rain
25	57	22	34	1.58																				
26	39	18	25	0																				
27	32	18	26	0																				
28	46	20	21	0																				
29	37	18	24	0																				rain
30	40	23	23	.46																				rain 2am, heavy snow 5pm
31	36	-1	3	.01	T	T																		

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. Shoro ice. G. Floating ice. H. Pool stage.

OBSERVER R. Cecarrelli, R. Hannon, M. McHill SUPERVISING OFFICE STATION INDEX NO 06-5077-2

STATION *Mt. Carmel, Hamden* (Aboriginal) (River Station different) *CAES* MONTH *April* 20 *2019*
 STATE *Connecticut* COUNTY *New Haven* RIVER *River*
 TIME (local) OF OBSERVATION *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.*

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		Draw a straight line (—) through hours precipitation was observed, and a wavy line (~~~~) through hours precipitation probably occurred unobserved.						GAGE READINGS AT	TENDENCY				
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	At Gb. Snow, ice pellets, hail, sleet, and ice (ins.)	Mark 'X' for all types occurring each day.											
1	58	32	35	- .38													
2	45	22	35	0													
3	47	36	38	.10													rain
4	65	35	41	0													rain
5	56	31	35	0													
6	43	35	40	.33													mixed precip. 3:30pm - change to rain
7	66	36	42	0													rain
8	63	41	52	.22													
9	55	39	43	.02													light rain
10	45	36	47	-.18													dense fog sunrise/8am, + storm 6pm
11	56	32	40	0													
12	53	39	42	0													
13	58	52	59	1.38													rain
14	68	51	60	T													rain
15	71	44	58	.64													rain, + storm 5:30am
16	63	38	45	.16													
17	64	44	52	0													
18	62	42	51	0													shower 1pm
19	56	55	66	T													rain
20	73	56	66	.56													rain
21	65	47	59	.91													rain
22	59	46	55	T													rain
23	65	55	57	.61													
24	71	47	64	.01													
25	68	41	52	0													rain
26	63	47	52	.12													
27	56	43	53	2.22													rain, + storms 5:45pm
28	53	36	50	0													rain
29	48	34	45	T													
30	58	42	43	.20													rain
31																	

COND. OF RIVER AT GAGE: *8.04*
 CHECK BAR (For wire-weight) NORMAL CK. BAR
 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. Shoro ice. G. Floating ice. H. Pool stage.

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

STATION (Typical) Mt. Carmel Hamden (CAES) (River Station, if different)
 STATE Connecticut COUNTY New Haven MONTH May
 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 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 OBSH.	24-HR AMOUNTS			Mark 'X' for all types occurring each day.						GAGE READING AT	TENDENCY										
	MAX.	MIN.		From 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.																		
1	57	43	50	T																				
2	52	46	50	.04																Shower				
3	70	47	50	0																				
4	54	45	56	.37																	rain			
5	69	49	59	.22																	rain			
6	56	47	55	.93																	rain			
7	69	46	58	0																	rain			
8	66	47	59	.05																				
9	71	44	50	0																				
10	59	49	54	0																				
11	68	52	59	T																		shower		
12	69	40	48	.31																		rain		
13	58	40	44	.84																		rain		
14	52	39	42	.43																		rain		
15	51	43	54	.05																		rain		
16	67	47	60	.01																		shower		
17	72	46	60	0																				
18	75	49	64	T																		shower		
19	74	51	65	0																				
20	72	61	66	.23																				
21	85	54	58	.22																			t-storms 1:30am - 3:45am	
22	71	49	61	0																				
23	75	53	58	.06																				
24	67	57	68	T																				rain
25	75	49	64	0																				
26	71	56	69	.03																				rain
27	87	59	71	0																				
28	81	51	65	0																				
29	65	46	52	1.10																				t-storms 9pm
30	63	52	54	.63																				rain, t-storms 7pm
31	62	56	68	.62																				rain

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

CHECK BAR (For wire-weight) NORMAL CK. BAR
 READING DATE
 OBSERVER R. Cecarelli, R. Hannan, M. M. Hill
 SUPERVISING OFFICE STATION INDEX NO.
06-5077-2

STATION (City or River Station, if different)	MONTH
mt. Carmel, Hamden (CAES)	June 20 2019
STATE	COUNTY
Connecticut	New Haven
TIME (local) OF OBSERVATION	TEMP.
8:00am	8:00am
PRECIPITATION	STANDARD TIME IN USE
8:00am	Eastern
TYPE OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO
	Ft.
FLOOD STAGE	NORMAL POOL STAGE
Ft.	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.			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.		At Obsn.	At Obsn.	A.M.		NOON		P.M.		Fog				Ice Pellets	Glaze	Thunder	Hail	Drizzling Wind			
1	80	56	73	0																			
2	78	57	68	0																rain			
3	75	49	64	.10																			
4	71	41	60	0																			
5	70	59	65	0																			
6	76	65	74	0																			
7	84	58	67	0																			
8	79	56	76	0																			
9	80	50	70	0																			
10	74	48	62	0																	X		
11	74	61	70	1.11																			
12	76	51	67	.01																			
13	74	54	58	T																			
14	57	52	65	.39																			
15	72	51	73	0																			
16	78	62	70	T																			
17	75	64	71	.17																			
18	77	64	70	.05																			
19	68	63	70	1.90																			
20	73	63	66	.08																		X	
21	70	64	68	.12																			
22	76	58	71	.07																			
23	79	58	75	0																			
24	83	57	76	0																			
25	86	64	70	0																			X
26	71	66	78	.20																			X
27	87	62	78	0																			
28	89	60	80	0																			
29	90	66	81	0																			
30	87	66	81	0																			
31																							

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

Observer	Supervising Office	Station Index No.
R. Cecarelli, R. Hannan, M. McHill		06-5077-2

STATION (or *local*) *Mt. Mel, Hamden (CAES)* MONTH *July* YEAR *2019*
 STATE *Connecticut* COUNTY *New Haven* RIVER _____
 TIME (local) OF OBSERVATION _____ TEMP *8:00am* PRECIPITATION *8:00am* STANDARD TIME IN USE *Eastern*
 TYPE OF RIVER GAGE _____ ELEVATION OF RIVER GAGE ZERO _____ FLOOD STAGE _____ NORMAL POOL STAGE _____

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.			PRECIPITATION														WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)												
	34 HRS. ENDING AT OBSERVATION		AT OBSN.	24-HR AMOUNTS		AT O'.	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	TENDENCY									
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, sleet, etc. (tenths)		A.M.						NOON				P.M.				Fog	Ice Pellets	Glaze	Thunder	Hail					Damaging Winds	Time of observation if different from above							
	MAX.		MIN.	AT OBSN.			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8		9	10	11							COND.	GA.	TEND.
1	81	62	73		.07																																	
2	86	60	77		0																																	
3	84	66	78		0																																	
4	89	63	81		0																																	
5	89	64	77		0																																	
6	84	73	85		0																																	
7	86	67	77		.34																																	
8	84	63	66		0																																	
9	80	60	76		0																																	
10	88	59	76		0																																	
11	88	68	80		0																																	
12	84	71	75		.35																																	
13	88	64	80		0																																	
14	85	66	82		0																																	
15	90	61	76		0																																	
16	87	59	76		0																																	
17	89	70	80		0																																	
18	92	67	76		1.20																																	
19	77	66	73		1.09																																	
20	88	73	92		0																																	
21	94	74	90		0																																	
22	96	67	80		0																																	
23	86	63	68		1.52																																	
24	72	62	68		.05																																	
25	85	60	70		0																																	
26	83	61	74		0																																	
27	86	64	80		0																																	
28	81	65	80		0																																	
29	90	68	82		0																																	
30	91	69	83		0																																	
31	91	68	82		0																																	
SUM			SUM		4.62																																	

CONDITION OF RIVER AT GAGE _____
 OBSERVER: *R. Cecarelli, R. Hannan, M. McMill*
 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 (Climatological)
MT. Carmel, Hamden (CAES)
(River Station, if different)

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

MONTH: **August** 20**2019**

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

TYPE OF RIVER GAGE: _____ ELEVATION OF RIVER GAGE ZERO: _____ FLOOD STAGE: _____ NORMAL POOL STAGE: _____

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 Ob.	Fog	Ice Pellets	Glaze	Thunder	Hail	Drizzling Windy	GAGE READING AT		TENDENCY
	MAX.	MIN.		Rain, melted snow, etc. (frs. and hundredths)	Snow, ice pellets, hail, (frs. and tenths)	Snow, ice pellets, hail, ice on ground (frs.)										
1	88	64	72	.45												
2	88	63	71	0												
3	83	64	78	0												
4	85	65	79	0												
5	88	63	71	0						X					+ storm 1 am	
6	82	61	71	0					X						fog sunrise / fog 8 am	
7	76	66	77	0						X					+ storms 4:30 pm - 11 pm	
8	84	67	74	.57												
9	86	62	75	.02												
10	84	62	69	0												
11	80	55	68	0												
12	81	55	74	0												
13	85	67	74	.04												
14	75	67	74	.18												
15	82	63	72	0												
16	86	62	74	0												
17	85	68	71	0												
18	86	67	71	.41												
19	89	67	76	0												
20	91	69	78	.44						X					+ storms 5 pm	
21	89	66	76	0						X					fog sunrise / 8 am	
22	85	69	77	.06												
23	90	63	66	.26												
24	76	56	61	.07												
25	77	59	65	0												
26	73	53	59	0												
27	78	51	64	0												
28	75	58	68	0												
29	76	64	68	.52												
30	83	53	70	0												
31	85	63	67	0												
SUM			SUM	3.02												

CONDITION OF RIVER AT GAGE _____ CHECK BAR (For micro-weight) NORMAL CK. BAR _____

- 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. Hannan, M. McHill**
 SUPERVISING OFFICE _____

STATION INDEX NO. _____

06-5077-2

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Call) **101** **24, Mt. Carmel (CAES)** (River Station, if different)
 STATE **Connecticut** COUNTY **New Haven**
 MONTH **December** YEAR **2019**
 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.			PRECIPITATION			WEATHER (Calendar Day)						RIVER STAGE		REMARKS (Special observations, etc.)					
	24 HRS. ENDING AT OBSERVATION		AT OBSH	24-HR AMOUNTS		AT GAGE	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 ----- A.M.	TENDENCY			
	MAX.	MIN.		Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets, hail, (ins. and hundredths)		Snow, ice pellets, hail, ice on ground (ins.)	A.M.		NOON		P.M.		Fog				Ice Pellets	Glaze	Thunder
1	40	21	26	0																
2	32	22	32	.72	T	T														snow 2pm, change to rain - freezing rain
3	33	28	28	.24	3.5	3.5														flurries 11am, snow 8pm
4	36	22	27	0	0	3														snow
5	37	28	35	0	0	2														
6	40	24	29	T	T	T														sleet 1pm, flurries 5pm
7	44	26	29	0	0	0														
8	35	13	19	0																
9	39	19	39	.32																
10	55	39	53	1.41																rain, fog sunrise
11	56	28	28	.57	3	3														rain
12	35	18	25	T	T	2														snow, snow showers 8:30 am
13	35	21	28	0	0	2														
14	43	28	45	2.34	0	0														rain, heavy rain overnight
15	54	42	46	.20																rain
16	45	25	29	0																
17	34	27	32	.33	1	1														
18	31	25	32	.25	0	1														snow 2am, change to freezing rain, sleet 8am
19	34	12	15	T	T	T														snow squalls
20	24	14	20	0	0	T														
21	31	16	21	0	0	T														
22	32	17	26	0	0	T														
23	46	23	33	0	0	0														
24	55	29	38	0																
25	48	27	34	0																
26	43	29	32	0																
27	40	33	38	0																
28	51	31	44	T																showers
29	47	29	38	0																
30	43	35	36	.86																rain
31	38	33	35	.56																rain

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

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

WIND DIRECTION AND FORCE
 OBSERVER **R. Cecarelli, R. Hannan, M. McHill**
 SUPERVISING OFFICE STATION INDEX NO
06-5077-2