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 (Climatological) Mount Carmel	(River Station, if different)	MONTH Jan.	2000
STATE Connecticut	COUNTY New Haven	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP 8A	PRECIPITATION 8A	STANDARD TIME IN USE E
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	36	18	22	T			X		X								
2	40	22	35	T			X										
3	54	35	46	.01			X										
4	59	39	42	.03			X										
5	58	28	30	1.10													
6	36	13	14	0													
7	40	17	28	0													
8	43	20	24	0													
9	36	24	29	0													
10	46	24	36	.07													
11	54	29	42	.76													
12	51	34	36	T													
13	45	25	28	T	T	0		X									
14	33	1	5	.10	1.0	1											
15	14	0	4	0		1											
16	20	4	35	0		1											
17	39	-2	1	T	T	T						X					
18	12	-3	-1	0		T											
19	20	-1	5	0		T											
20	26	5	10	0		T											
21	22	9	10	.09	1.0	1											
22	12	-4	3	0		1											
23	13	3	5	0		1											
24	22	5	18	T	T	T											
25	38	17	20	.05	2.0	2											Jan 25: Nor'easter storm
26	29	18	20	.46	4.0	4											
27	30	7	7	T	T	4											
28	19	-2	1	0		4											
29	20	1	16	0		4											
30	33	6	16	0		3.0											
31	35	16	32	.6	2.0	4.0		X	X								
SUM			SUM	3.27	10		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. (AM 1 2 3 4 5 6 7 8 9 10 11; NOON; PM 1 2 3 4 5 6 7 8 9 10 11)

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 Edward R. Naughton

SUPERVISING OFFICE

STATION INDEX NO 06 - 5077-2

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 (Climatological): Mount Carmel
(River Station, if different):
MONTH: Feb. 2000
STATE: Connecticut
COUNTY: New Haven
RIVER:
TIME (local) OF OBSERVATION: RIVER
TEMP: 8A
PRECIPITATION: 8A
STANDARD TIME IN USE: E.
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) 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	37	18	21	0		3.5											
2	36	14	15	T	T	3.5											
3	27	10	14	0	0	3											
4	29	15	22	.08	2.0	5											
5	29	19	23	T	1.0	5											
6	31	20	22	T	1.0	4											
7	33	16	26	0	0	4											
8	42	9	10	0		3											
9	32	10	18	0		3											
10	46	21	28	0		3											
11	48	28	33	T	0	2	X										
12	43	17	20	.04	0	1											
13	32	10	15	0		T											
14	35	15	32	.90	0	T											
15	53	25	28	.17	0	T											
16	41	19	26	T	T	T											
17	47	18	18	T	T	T											
18	30	13	18	0		T		X	X								Feb. 18- started as snow
19	26	18	23	.86	6.0	6		X	X								turned sleet freezing rain
20	30	23	29	.13	T	6											at 6:30 PM
21	34	19	28	0		5											
22	42	14	18	0		5											
23	48	20	26	0		4											
24	53	27	36	0		2											
25	60	27	41	T	0	T											
26	44	32	32	.02			X										
27	37	32	34	.03	0	0	X										
28	50	34	42	.39	0	0	X										
29	49	30	32	.02		0											
30																	
31																	
Sum			Sum	2.64	10.0		Fog	Ice Pel.	Glaze	Thund.	Hail	Dam. Winds					

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: Edward R. Naughton

SUPERVISING OFFICE:

STATION INDEX NO: 06-5077-2

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 (Climatological): Mount Carmel (River Station, if different):
MONTH: March 2000
STATE: Connecticut
COUNTY: New Haven
RIVER:
TIME (local) OF OBSERVATION RIVER:
TEMP: 8A
PRECIPITATION: 8A
STANDARD TIME IN USE: E
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 XD.D. A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	51	22	31	0											28		
2	49	29	34	T				X							26		XD.D = Heating Degree Days
3	48	27	31	T											27		
4	42	26	33	0											31		
5	48	28	42	0											27		
6	48	30	37	T											26		
7	51	21	30	0											29		
8	66	33	42	T			X								15		
9	60	37	44	0			X			X					16		
10	67	42	46	T											10		
11	49	33	34	T											24		
12	36	33	34	1.96											30		
13	46	25	30	0.19											24		
14	45	19	30	0											33		
15	52	27	40	T			X								25		
16	57	36	46	0			X								18		
17	66	29	31	1.11	T	T		X							17		March 17-rain turned to snow 7AM
18	31	14	19	.08	5.0	5.0									42		
19	34	19	27	0		3.0									38		
20	43	24	32	0		T									31		
21	52	31	34	0											23		
22	44	33	36	0											26		
23	48	24	32	0			X								29		
24	61	32	48	0											18		
25	68	28	41	0											17		
26	59	41	48	.03											15		
27	64	25	42	0											20		
28	57	42	50	.49			X								15		
29	56	36	46	.01											19		
30	56	30	42	0											22		
31	55	25	40	0											25		Total = 731
SUM			SUM	3.87	5.0												

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

A.M. NOON P.M.

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: Edward R. Naughton

SUPERVISING OFFICE:

STATION INDEX NO.: 06-5077-2

WS F B-91
(7-89)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

TION (Climatological) Mount Carmel	(River Station, if different)	MONTH April	2000
E Connecticut	COUNTY New Haven	RIVER	
E (local) OF OBSERVATION RIVER	TEMP. 8A	PRECIPITATION 8A	STANDARD TIME IN USE E.
E OF RIVER GAGE	ELEVATION OF RIVER GAGE ZERO Ft.	FLOOD STAGE Ft.	NORMAL POOL STAGE Ft.

Day	Temperature F. 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 *DD ___ A.M.	Tendency	Remarks (Special observations, etc.,)
1	54	29	43	0											23		
2	61	35	45	0											17		D.D = Heating Degree Day
3	60	45	52	0											12		
4	61	45	54	.36											12		
5	61	35	39	.08											17		
6	46	24	30	0											30		
7	64	29	46	0											18		
8	63	41	53	0											13		
9	70	38	38	.46	0	0		X							11		
10	38	27	37	.06	T	0									32		
11	51	23	30	T											28		
12	43	30	40	T			X								28		
13	50	24	33	0											28		
14	52	24	32	0											27		
15	53	34	46	0			X								21		
16	60	46	56	.45						X					12		
17	74	40	44	.01											8		
18	49	32	34	.52											24		
19	50	33	38	.05			X								23		
20	53	37	43	T											20		
21	64	43	45	.97			X			X					11		
22	47	40	43	2.06			X			X					21		
23	47	38	41	.24			X								22		
24	48	41	48	.03											11		
25	64	38	40	0											14		
26	58	34	36	T				X							19		
27	41	32	36	.22	T										28		
28	54	32	44	0											22		
29	56	34	40	.02											20		
30	67	40	53	0											11		Total = 583
31																	
SUM			SUM	5.53	T												

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 Edward R. Naughton

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) Mo Carmel	(River Station, if different)	MONTH May	2000
STATE Connecticut	COUNTY New Haven	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP 8A	PRECIPITATION 8A	STANDARD TIME IN USE E.
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	60	31	44	0											19		heating degree days.
2	63	44	51	.16											11		
3	66	34	48	T											15		
4	66	40	50	0			X								12		
5	68	49	56	0						X					6		
6	86	56	65	.11											0		
7	84	51	65	0											0		
8	91	65	76	0						X					0		
9	91	57	68	.19											0		
10	91	48	50	T						X					0		
11	55	43	48	.50			X								16		
12	71	46	52	.05						X					6		
13	65	50	54	.29											7		
14	64	52	58	1.05						X					7		
15	72	38	50	0											10		
16	64	31	46	0											17		
17	69	43	54	0											9		
18	71	51	58	0											9		
19	72	49	52	.87											4		
20	52	39	45	.23											19		
21	51	45	49	.20											17		
22	54	47	51	T											14		
23	58	45	51	.08											13		
24	62	48	56	.76											10		
25	79	52	61	.09											0		
26	75	51	58	0											0		
27	74	43	62	0											6		
28	74	47	59	0											4		
29	66	51	57	0											6		
30	64	43	50	0											11		
31	66	40	50	0											12		Total = 255
SUM			SUM	4.58													

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 Edward R. Naughton

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

STATION (Climatic Unit): Mow Carmel | (River Station, if different) | MONTH: June | 2000

STATE: Connecticut | COUNTY: New Haven | RIVER:

TIME (local) OF OBSERVATION RIVER | TEMP: 8A | PRECIPITATION: 8A | STANDARD TIME IN USE: E.

TYPE OF RIVER GAGE | ELEVATION OF RIVER GAGE ZERO Ft. | FLOOD STAGE Ft. | NORMAL POOL STAGE 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. 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 *D.D. A.M.	TENDENCY	REMARKS (Special observations, etc.)
1	69	48	61	0											6		
2	85	56	68	0						X		X			0		
3	88	53	61	.52											0		
4	73	44	60	0											6		*D.D. = Heating Degree Day
5	74	53	56	T						X					1		
6	67	48	50	.20						X					7		
7	56	42	46	2.47						X					16		
8	71	41	58	T											9		
9	76	53	67	0											0		
10	89	59	77	0											0		
11	93	64	80	0						X					0		
12	93	54	54	2.52											0		
13	58	48	54	.11			X								12		
14	62	47	51	.22			X								10		
15	60	51	56	.01			X								4		
16	72	53	65	.03			X								2		
17	85	65	76	0						X					0		
18	91	56	64	.30			X								0		
19	70	57	60	.03											1		
20	73	48	64	0											4		
21	82	55	68	0											0		
22	80	65	71	.05											0		
23	85	60	72	0											0		
24	82	50	70	0											0		
25	86	60	71	0											0		
26	86	65	72	T						X					0		
27	88	66	78	T						X					0		
28	89	59	66	.29											0		
29	82	59	66	.03											0		
30	75	54	66	T											0		Total = 83
31																	
SUM			SUM	6.78													

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: Edward R Naughton

SUPERVISING OFFICE

STATION INDEX NO. 06 5077-2

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 (Climat.) Mount Carmel	(River Station, if different)	MONTH July	2000
STATE Connecticut	COUNTY New Haven	RIVER	
TIME (local) OF OBSERVATION RIVER	TEMP. 8A	PRECIPITATION 8A	STANDARD TIME IN USE E
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 D.D.* A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	80	51	69	0											0		
2	85	52	73	0											0		*D.D. = Heating Degree Day
3	87	56	70	0											0		
4	87	65	71	.15											0		
5	86	61	71	T											0		
6	84	51	62	0											0		
7	79	52	64	0											0		
8	77	50	63	T											1		
9	79	49	68	0											1		
10	83	68	72	.06											0		
11	89	57	68	0											0		
12	83	54	70	0											0		
13	85	51	70	0											0		
14	86	55	68	0											0		
15	83	58	69	0											0		7/15/00 - heavy rain all day
16	72	66	69	4.08											0		
17	82	64	73	0						X					0		
18	81	65	73	.01											0		
19	88	51	62	0						X					0		
20	68	52	60	.12											5		
21	77	50	65	0						X					1		
22	82	60	61	.07											0		
23	82	49	54	0											0		
24	82	56	64	0											0		
25	79	57	66	T											0		
26	75	59	62	.23											0		
27	67	57	62	1.93											3		
28	67	57	62	.18			X								3		
29	73	59	67	0			X								0		
30	75	58	64	0			X			X					0		Total = 14 H.D.D.
31	70	63	70	.86			X			X					0		
SUM			SUM	7.69			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 Edward R. Naughton

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

STATION (Climatologic) Mount Carmel | (River Station, if different) | MONTH August | 2000

STATE Connecticut | COUNTY New Haven | RIVER

TIME (local) OF OBSERVATION RIVER | TEMP. 8A | PRECIPITATION 8A | STANDARD TIME IN USE E.

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

WS FM B-91 (7-

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 DD* A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	70	59	64	.08			X								0		
2	73	60	72	.15			X			X					0		*D.D. = Heating Degree Days
3	85	62	72	.17			X			X					0		
4	83	60	66	.36											0		Growing Degree Days as of
5	82	56	65	0											0		8/31/00 = 2002.82
6	83	51	69	0											0		
7	79	69	75	.80			X			X					0		
8	90	64	77	T											0		
9	88	66	72	.02											0		
10	87	64	70	.89						X					0		
11	84	60	72	T											0		
12	83	60	66	0											0		
13	74	56	64	0											1		
14	70	58	64	.22											2		
15	67	59	64	.10											0		
16	80	57	66	.22						X					0		
17	83	49	63	T											3		
18	75	49	54	0						X					5		
19	67	53	62	.02											2		
20	76	50	60	0											7		
21	72	44	56	0											3		
22	76	47	58	0											0		
23	79	51	60	0						X					0		
24	74	56	64	.44											0		
25	81	55	64	T											0		
26	84	52	65	0											0		
27	85	55	66	0											0		
28	86	64	67	0											0		
29	80	58	64	0			X								0		Total = 23
30	78	53	60	.04			X								0		
31	82	56	72	T			X								0		
SUM			SUM	3.51			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 Edward R. Naughton

SUPERVISING OFFICE

STATION INDEX NO 06-5077-2

STATION (Climatologic) Mount Carmel | (River Station, if different) | MONTH Sept. | 2000

STATE Connecticut | COUNTY New Haven | RIVER

NAME (local) OF OBSERVATION RIVER | TEMP. 8A | PRECIPITATION 8A | STANDARD TIME IN USE E.

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

WS FORM B-91 (7-

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

Day	Temperature Max.	Temperature Min.	Temperature At Obsn.	Precipitation: Rain, melted snow, etc. (ins. and hundredths)	Snow, ice pellets (ins. and tenths)	Snow, ice pellets, hail, ice on ground (ins.)	Fog	Ice Pellets	Glaze	Thunder	Hail	Damaging Winds	Time of observation if different from above	Condition	Gage Reading at 8 A.M. (D.D.*)	Tendency	Remarks
1	85	66	73	0			X								0		
2	86	68	74	0											0		
3	83	67	71	.71											0		*D.D. = Heating Degree Day
4	81	67	73	T											0		
5	82	47	48	T											0		
6	67	40	48	0											11		
7	71	42	50	0											8		
8	73	44	54	0											6		
9	79	58	67	0			X								0		
10	80	60	65	T			X								0		
11	82	56	69	0											0		
12	77	59	70	0											0		
13	81	64	70	.46											0		
14	78	50	58	0											1		
15	78	55	65	1.05						X					0		
16	73	47	54	0											5		
17	67	42	53	0											10		
18	71	46	54	0											6		
19	79	53	60	0						X					0		
20	75	57	66	1.56											0		
21	84	56	68	0											0		
22	76	40	50	0											7		
23	70	41	53	0			X								9		
24	66	59	69	.11			X								2		
25	75	42	48	T											6		
26	61	44	48	.04											12		
27	52	34	38	0.51			X								22		
28	70	38	50	0											11		
29	65	30	32	0											17		
30	58	29	41	0											24		Total H.D.D. = 154
31																	
SUM				4.44													

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

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

OBSERVER Edward R. Naughton

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

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

MONTH: Oct. 2000

STATE: Connecticut

COUNTY: New Haven

RIVER:

TIME (local) OF OBSERVATION: RIVER

TEMP: 8A

PRECIPITATION: 8A

STANDARD TIME IN USE: E

TYPE OF RIVER GAGE:

ELEVATION OF RIVER GAGE ZERO: Ft.

FLOOD STAGE: Ft.

NORMAL POOL STAGE: Ft.

WS (7-8) 1 B-91

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

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 *H.D.D. A.M.	TENDENCY	REMARKS (Special observations, etc.,)
66	36	49	0											14		
71	45	53	T			X								7		*H.D.D.= Heating Degree Days
67	40	56	0											11		
79	41	46	0											5		
73	46	57	0											5		
57	51	52	.15											11		
65	36	49	.12											14		
56	26	46	0											24		
51	29	31	0											25		
65	29	34	0											18		
50	31	44	T											24		
67	30	38	0											16		
71	33	40	0											13		
76	39	49	0											7		
78	49	55	0			X								1		
77	48	52	.02											2		
54	39	43	.06											18		
62	40	48	.02											14		
54	42	48	.48											17		
64	30	36	0											18		
65	37	47	0											14		
73	38	45	0											9		
62	30	36	0											19		
60	32	39	0											19		
69	36	50	0			X								12		
69	51	52	0			X								5		
65	52	48	0			X								6		
61	45	48	0											12		
58	43	45	T											14		
58	31	34	T	T	0									20		
42	33	42	.02	T	0									27		Total = 421 H.D.D.
		SUM	0.87	T												

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

Obstructed by rough ice.
Frozen, but open at gage.
Upper surface of smooth ice.
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: Edward R. Naughton

SUPERVISING OFFICE:

STATION INDEX NO.: 06-5077-2

STATION (Climatologic) Mount Carmel (River Station, if different)

MONTH Nov. 2000

STATE Connecticut

COUNTY New Haven

RIVER

TIME (local) OF OBSERVATION RIVER

TEMP. 8A

PRECIPITATION 8A

STANDARD TIME IN USE E

TYPE OF RIVER GAGE

ELEVATION OF RIVER GAGE ZERO Ft.

FLOOD STAGE Ft.

NORMAL POOL STAGE Ft.

WF 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. 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 *4:00 A.M.	TENDENCY	REMARKS (Special observations, etc.,)
1	52	32	40	0											23		
2	58	35	45	0											18		
3	65	36	46	0											14		*H.D.D = Heating Degree Days
4	65	38	50	0											13		
5	67	37	47	0											13		
6	51	33	46	0											23		
7	60	30	40	0											20		
8	60	34	40	0											18		
9	63	36	44	0											15		
10	62	44	49	.57	0										12		
11	54	42	48	1.89	0										17		
12	55	41	47	.24	0										17		
13	51	29	38	0											25		
14	51	35	44	T											22		
15	53	29	35	.44	0										29		
16	48	28	36	0											29		
17	49	34	42	0											23		
18	53	21	36	0											28		
19	45	22	33	0											31		
20	41	16	23	0											36		
21	45	20	28	T	0										32		
22	43	20	24	0											33		
23	32	14	22	0											42		
24	36	8	16	0											43		
25	31	10	18	0											44		
26	34	18	34	0											39		
27	47	34	42	1.49	0										24		
28	52	30	38	0											24		
29	50	25	32	0											27		
30	50	27	30	.22	T	T									26		
31																	
SUM				4.85	T												Total = 753 H.D.D.

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

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

OBSERVER Edward R Naughton

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

STATION (City or Town) Mou[illegible] Carmel | (River Station, if different) | MONTH Dec. | 2000

FORM B-91 (-93)

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 8A | PRECIPITATION 8A | STANDARD TIME IN USE E.

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) 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	44	21	30	T	T	0											
2	34	17	21	0													
3	30	8	15	0													
4	35	9	18	0													
5	50	15	22	0													
6	48	15	18	0													
7	33	15	22	0													
8	34	14	16	T	T	T											
9	20	11	20	.12	1.0	1											
10	29	9	16	0		1											
11	33	16	30	T	T	T		X	X								
12	50	21	48	.07	0	0						X					
13	53	11	14	0													
14	33	13	29	.60	0	0		X	X								
15	38	19	22	.06													
16	32	23	27	0						X		X					
17	59	27	59	2.28	0					X							
18	60	22	26	0.13	0												
19	42	15	20	0													
20	40	19	27	.13	1.0	1											
21	33	8	14	0	0	1											
22	35	14	24	T	T	1											
23	31	8	11	0		1											
24	26	7	11	0		1											
25	34	13	26	0		1											
26	27	2	7	0		T											
27	27	6	11	0		T											
28	32	11	15	0		T											
29	24	7	10	0		T											
30	29	10	18	.11	2.0	2											
31	27	15	20	.63	9.0	11.0											
SUM			SUM	4.13	13.0												
						CHECK BAR (For wire-weight) NORMAL CK. BAR	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. AM NOON PM

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.

READING	DATE

OBSERVER Edward R. Naughton

SUPERVISING OFFICE

STATION INDEX NO 06-3077-2