ORM B-91
3)

U.S. DEPARTMEN COMMERCE
NATIONAL OCEANIC AND ATMOSPHERI NISTRATION
NATIONAL ER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (Climat) Mo Carmel (River Station, if different)		MONTH Jan.	19 98
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	27	5	5	T	T	T											Dec. 31: light rain 1P-3P
2	28	5	23	0		0											
3	44	23	39	0													
4	57	39	44	0													
5	60	35	35	0.23	0	0											
6	44	41	41	0.67	0		X										
7	56	41	50	0.85	0		X										
8	50	35	36	1.27	0		X										
9	44	36	37	0.31	0		X										
10	38	29	30	0.04	0												
11	48	27	29	0	0												
12	49	24	26	0	0												
13	40	26	40	0.01	0												
14	47	20	21	0.03	0												
15	30	16	16	0					X								
16	31	16	30	0.75	0				X								
17	31	23	23	T	0												
18	37	23	26	T	T												
19	30	26	26	0.02	1.0	1.0											
20	35	28	28	T	T	1.0											
21	36	26	26	T	T	1.0											
22	34	22	23	0		1.0											
23	31	23	27	0		1.0		X	X			X					Jan. 23: snow turned to
24	35	27	33	1.42	1.0	0											ice then rain 10AM
25	41	32	33	T	T	0											
26	38	21	23	0													
27	40	18	19	0													
28	36	19	29	0													
29	35	29	34	0													
30	51	27	30	0													
31	42	30	31	T	0												
Sum			SUM	5.60	2.0		Fog	Ice Pell.	Glaze	Thund.	Hail	Dam Winds					

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.

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 (City or local)	(River Station, if different)	MONTH	19 98
Mount Carmel		Feb	

STATE	COUNTY	RIVER
Connecticut	New Haven	

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

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

FORM B-91 (-93)

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. Show, 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	38	26	26	0													
2	44	20	22	0													
3	49	22	33	0													
4	48	33	34	0													
5	39	28	28	0.49				X	X			X					Feb. 5: 1" of ice accumulation
6	31	28	29	0.51	1.0	1.0											
7	44	24	25	0		T											
8	40	24	26	0		T											
9	39	20	21	0		T											
10	44	23	29	0		0											
11	50	29	36	0			X										
12	50	36	49	1.34	0		X										
13	53	35	36	0.12	0												
14	44	18	20	0													
15	32	8	11	0													
16	30	10	18	0													
17	29	18	29	0				X									
18	39	29	39	2.11	0		X			X		X					
19	42	36	36	0.13													
20	44	34	35	0.04													
21	49	34	35	0.06													
22	45	35	37	0													
23	53	32	33	0													
24	44	34	39	0.67													
25	40	35	35	0.23	T	T											
26	44	38	38	T		0											
27	52	34	35	0													
28	57	31	37	0													
29																	
30																	
31																	
SUM			SUM	5.70	1.0		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

FORM B-91
(3)

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 March	19 98
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	53	37	40	0.03	0	0											
2	56	33	39	0.22			X										
3	54	37	45	0.02													
4	51	36	49	0													
5	49	32	39	0													
6	44	29	34	0.04													
7	43	31	39	0													
8	44	33	36	0													
9	46	35	36	2.27						X		X					
10	58	46	48	1.66													
11	51	19	20	0													
12	30	9	18	0													
13	26	9	18	0													
14	34	18	34	0													
15	39	27	31	0.31	T	T											
16	40	22	27	0		0											
17	40	22	26	0													
18	44	29	30	0.24	T	T		X	X								
19	36	30	35	1.43	0	0	X										
20	38	34	34	0.26			X										
21	50	32	32	0					X								
22	33	27	27	0.14	1.0	1.0											
23	34	24	28	0.02	T	1.0											
24	45	26	34	0		0											
25	47	25	31	0													
26	47	31	40	T	0												
27	58	39	45	T													
28	83	45	56	0													
29	78	45	51	0													
30	80	43	49	0													
31	79	49	55	0													
SUM			SUM	6.64	1.0												
							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.

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

S FORM B-91
(-89)

U.S. DEPART OF COMMERCE
NATIONAL OCEANIC AND ATMOSPH ADMINISTRATION
NATIONAL WEATHER SERVICE

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (C Mour Carmel (River Station, if different)
MONTH April 19 98
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	81	50	57	0						X							
2	59	40	42	1.11			X										
3	54	33	46	0.03													
4	56	32	39	0													
5	46	34	39	0													
6	48	36	42	0.01													
7	57	39	45	0													
8	66	33	40	0													
9	59	40	41	T													
10	51	35	37	1.68													
11	52	28	37	0													
12	60	28	29	0													
13	61	29	38	0													
14	68	37	46	0													
15	63	44	44	0													
16	63	44	49	T													
17	57	49	57	0			X										
18	61	41	44	0.04													
19	66	44	51	0													
20	57	46	48	1.39													
21	56	38	44	0													
22	67	36	47	0													
23	69	46	51	0													
24	53	42	47	0.53													
25	71	46	55	0													
26	63	38	45	0													
27	48	36	41	0.49													
28	53	37	44	0													
29	61	34	49	0													
30	73	48	54	0													
31																	
SUM			SUM	5.28	0												
							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 06-50772

STATION Mount Carmel (River Station, if different) | MONTH November 19 98

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.

S FORM B-91 (2-93)

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NATIONAL OCEANIC AND ATMOSPH ADMINIST
NATIONAL WEATHER S

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, on all ground (ins.)	Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved (A.M. NOON P.M.)	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	56	39	46	0														
2	57	43	47	0														
3	56	34	36	0														
4	47	24	30	0														
5	47	23	31	0														
6	49	27	33	0														
7	52	30	32	0														
8	50	29	33	0														
9	47	33	36	0														
10	49	34	37	0														
11	61	47	49	0.19														
12	53	39	43	0														
13	51	35	40	0														
14	55	37	41	0														
15	61	49	54	0														
16	49	39	49	0														
17	52	41	43	.02				X										
18	45	36	37	1.03														
19	49	28	30	0														
20	51	39	52	T														
21	61	36	36	.66														
22	51	28	32	T														
23	51	33	40	0														
24	56	41	50	0														
25	56	25	29	0														
26	52	34	49	1.12														
27	55	40	44	T														
28	50	30	36	T														
29	59	36	41	0														
30	59	41	47	0														
31																		
Sum				2.42														

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 P. Naughton

SUPERVISING OFFICE

STATION INDEX NO. 06-5077-2

FORM B-91
(3)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

STATION (City): Mount Carmel (River Station, if different)
MONTH: Dec. 19 98
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. (inches and hundredths)	Snow, ice pellets (inches and tenths)	At Ob Snow, ice pellets, hail on ground (ins.)	Draw a straight line (——) through hours precipitation was observed, and a waved line (~~~) through hours precipitation probably occurred unobserved (AM / NOON / PM)	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	59	41	58	T														
2	59	28	44	0														
3	65	42	47	0														
4	65	41	50	0														
5	74	38	44	0														
6	54	44	50	.04				X										
7	66	45	51	0														
8	76	41	44	0														
9	45	32	35	.18														
10	53	23	24	0														
11	50	26	31	0														
12	46	21	28	0														
13	46	26	27	0														
14	42	27	31	0														
15	42	19	20	0														
16	51	20	36	0														
17	46	27	34	T														
18	44	27	28	.21														
19	35	21	27	T	T													
20	46	27	43	0														
21	46	40	40	0														
22	56	37	56	.11														
23	59	11	11	.01														
24	40	12	20	.10	2.5	2.5												
25	29	9	10	0		2.0												
26	33	10	13	T	T	2.0												
27	31	12	12	0		2.0												
28	36	12	33	0		1.0												
29	43	30	31	T	0	T												
30	35	29	32	.69	0	0												
31	36	6	10	.01	0	0												
SUM			SUM	1.35	2.5		CHECK BAR (For wire-weight) NORMAL CK. BAR	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.

READING	DATE

OBSERVER: Edward R. Naughton

SUPERVISING OFFICE:

STATION INDEX NO.: 06-5077-2