STATION (Climatological)	(River Station, if different)	MONTH	20
Mohonk Lake		December	08

STATE	COUNTY	RIVER
New York	Ulster	

TIME (local) OF OBSERVATION	RIVER	TEMP.	PRECIPITATION	STANDARD TIME IN USE
		5:00 pm	5:00 pm	EST

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. 24 HRS. ENDING AT OBSERVATION MAX.	MIN.	AT OBSN.	PRECIPITATION 24-HR AMOUNTS Rain, melted snow, etc. (Ins. and hundredths)	Snow, ice pellets, hail, (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	45	28	43	.76		0	X										RAIN & FOG → MISTING
2	43	31	36														
3	39	25	36														
4	37	29	37	.02			X										T RAIN DURING NIGHT ; HAZE
5	37	25	28	.01													
6	28	21	27														LAKE ICE 10%
7	30	21	22	.01	.1	T											LAKE ICE < 1% OCCASIONAL FLURRIES
8	24	11	21			T											LAKE ICE 10%
9	36	17	35	.01	.1	T											LAKE ICE ≈ 80%
10	54	36	42	.80		0	X										LAKE ICE 0% ; RAIN
11	42	26	29	.53			X		X								FREEZING RAIN ; GLAZE ≈ ½" THICK ; RIME
12	34	26	30	2.89	.2	T	X		X								FULL MOON GLAZE 5/8" THICK CAUSED SIGNIFICANT TREE DAMAGE ; NEW PALTZ PLANTS FLOODED IN PM
13	30	17	23			T											LAKE ICE < 1%
14	34	19	33			T											
15	54	29	54	T		0	X										LAKE ICE 0% ; SPRINKLES → RAIN ; HAZE ; HIGH WINDS
16	54	25	27	.04													PM HAZE ; LIGHT SNOW
17	36	20	35	.38	1.0	1	X		X								LAKE ICE 1% ; SLEET → FREEZING RAIN ; MISTING ; RIME
18	36	28	34			1											LAKE ICE 2% ; HAZE
19	34	20	23	.64	5.5	6	X										LAKE ICE ≈ 20% ; SNOW ; HAZE - AM
20	24	11	15	.47	3.5	9	X										LAKE ICE 40% ; LIGHT SNOW → SNOW SHOWERS ; RIME ; LAKE "STARTING"
21	27	13	27	.45	4.5	12	X										Winter Solstice T:04 AM LAKE ICE 30% ; RIME
22	27	4	17	T	T	12											WINDY - SUSTAINED 10 MPH W/ GUSTS TO 20 MPH ; LAKE ICE 10% OVER
23	24	12	21			11											
24	35	20	35	.73	.4	10	X		X								SLEET → FREEZING RAIN → RAIN ; GLAZE 0.2" THICK
25	48	32	33	.23		7											HIGH WINDS OF FRONTAL PASSAGE
26	33	22	30			7											LAKE DRAIN OPEN
27	37	28	36	T		6	X										MISTING - AM ; HAZE ; LAKE DRAIN OPEN
28	56	34	54	T		2											Set Min. 54 LIGHT SHOWERS ; SNOW ON GROUND - PATCHY ; LAKE DRAIN OPEN
29	54	31	37			1											Set Min. 37 LAKE ICE W/ OPEN AREA ; LAKE DRAIN OPEN
30	37	26	32	T	T	1											Set Min. 31 LAKE ICE 99.9% COVER ; SNOW/HAIL W/ HIGH WINDS
31	32	17	18	.24	2.6	4											Set Min. 18 LAKE ICE 100% ; SNOW → FLURRIES
SUM	1161	704	SUM	8.21	17.9												
							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.

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: Paul C. Hutter

SUPERVISING OFFICE

STATION INDEX NO. 30-5426-05