STATION (Climatological)	(River Station, if different)	MONTH	
Mohonk Lake		Jan	2013

STATE	COUNTY	RIVER
NY	Ulster	

TIME (local) OF OBSERVATION RIVER	TEMPERATURE	PRECIPITATION	STANDARD TIME IN USE
	17:00	17:00	

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

WS FORM B-91
(03-09)

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

RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS

Draw a straight line (-------) through hours precipitation was observed, and a wavy line (~~~~~) through hours precipitation probably occurred unobserved

DATE	TEMPERATURE 24 HRS ENDING AT OBSERVATION MAX	MIN	AT OBSN	PRECIPITATION 24 HR AMOUNTS Rain, melted snow, etc. (in and hundredths)	Snow, ice pellets, hail (ins.and tenths)	AT OB Snow, ice pellets, hail ice on ground (in)	A.M. 1	2	3	4	5	6	7	8	9	10	11	NOON 1	2	3	4	5	6	7	8	9	10	11	P.M.	WEATHER (Observation Day) Mark 'X' for all types occurring each day: Fog	Ice pellets	Glaze	Thunder	Hail	Damaging winds	Time of occurrence if different from above	RIVER STAGE Condition	Gage reading at ___ AM	Tendency	REMARKS (SPECIAL OBSERVATIONS, ETC.)
1	32	26	27	0.00	0.0	9																																		Lake Ice 85%
2	27	12	26	T	T	9																–																		Lake Ice 95%
3	26	-2	21	0.00	0.0	9																																		Rime AM; Lake Ice Over; Sun Pillar at Sunset 4:1
4	34	18	32	T	T	8									~																									Haze; Lake Ice 100%
5	36	27	32	0.00	0.0	7																																		
6	38	24	37	T	T	7				~												–																		Haze; T Snow Overnight
7	37	31	33	0.00	0.0	7																																		Haze; Lake Ice 100%
8	39	26	37	0.00	0.0	7																																		Hoar Frost in Valley-AM; Haze; Iridescent Cloud
9	39	30	38	0.00	0.0	7																																		Hoar Frost In Valley-AM; Haze
10	42	32	41	0.00	0.0	7																																		
11	41	29	32	0.03	0.0	6															–	–	–	~	~	~	~	~	~	~	X		X								Lake Ice 5" Thick Off Boat Wharf: 4" Clear Water
12	42	32	41	0.27	0.0	4	~	~	~	~	~	~	~	~	~	~	~	1	2	3	4	5	6	7	8	9	10	11		X										Lake Ice 100%, Mostly Covered By Puddles
13	45	35	41	0.01	0.0	2										~	~	~	~	~	~	–	–	–	–	–	–	–	~	X										Lake Ice 100%-Very Dark Ice; Thick Fog; Misting
14	51	40	41	0.05	0.0	T	~	~	~	~	~	~	~	~																X										Snow On Ground Patchy; Lake Drain Open; AM Valle
15	41	26	33	0.00	0.0	0																																		Haze
16	33	24	31	0.42	3.8	3				~	~	~	~	~	–	–	–	–	–	–	–	–			~					X		X								Snow to Freezing Mist to Snow Squall
17	36	30	33	T	T	2																																		Haze
18	33	13	23	0.00	0.0	2																																		AM Haze
19	41	18	40	0.00	0.0	2																																		Haze
20	45	31	32	0.00	0.0	1																																		Haze
21	32	18	24	T	T	1																–	–	–	~															Snow On Ground Patchy
22	24	10	14	T	0.1	1	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11												
23	14	1	13	0.00	0.0	1																																		Haze
24	18	-1	13	0.00	0.0	1																																		AM Haze, Rime, and Hoar Frost in Valley
25	19	7	18	0.00	0.0	1																		–	–	–	~													Partial Solar Halo 11:30AM-12:30PM
26	24	7	19	0.01	0.1	1																																		Full Moon
27	33	11	25	0.00	0.0	1																																		
28	27	19	27	0.15	1.2	2									–	–	–	–	–	–	–	–	–	~	~	~	~	~	~	~	X	X	X								Set Min. 27; Haze; Misting
29	45	26	39	0.01	0.0	1	~	~	~	~	~	~	~	~								–	–	~	~	~	~	~	~	~	X									Set Min. 39; Misting; Haze; Lake Ice 10 1/4" - 8
30	52	34	52	0.12	0.0	T	~	~	~	~	~	~	~	~	~	~	~	~	~	~	–			–	–	–	–	~	~	~	X					X					Set Min. 52; Misting; Snow On Ground Patchy
31	55	31	32	1.65	T	T																										X								Set Min. 32; Lake Ice 100% With Some Openings On
	35.5	21.5	SUM	2.72	5.2																									Fog	Ice pel	Glaze	Thund	Hail	Dam winds					

CHECK BAR (for wire weight) NORMAL CHECK BAR

READING	DATE

CONDITION OF RIVER AT GAGE

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

OBSERVER

SUPERVISING OFFICE
ALY Albany

STATION INDEX NO.
30-5426-05