STATION (Climatological)	(River Station, if different)	MONTH	
Mohonk Lake		Dec	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	38	25	36	0.00	0.0	0																																		Haze
2	40	31	37	0.01	0.0	0						~	~	~	–	–	–	–																						Haze
3	40	32	40	0.00	0.0	0																								X										Hoar Frost in Valley AM; Thick Haze
4	42	29	40	0.00	0.0	0																								X										Hoar Frost in Valley AM; Rime; Haze
5	49	37	49	0.09	0.0	0					~	~	~	~	–	–	–	–	–	–	–	–	~	~	~	~	~	~	~	X										Thick Fog
6	52	36	38	0.41	0.0	0	~	~	~	~	~	~	~	~	–	–	–	–	–	–	–	–	~	~	~	~	~	~	~	X										Thick Fog
7	38	26	28	0.52	0.5	1	~	~	~																															
8	28	20	26	0.00	0.0	1																																		Lake Ice approx. 1%; Haze
9	33	22	33	0.22	0.4	1	~	~	~	~	~	~	~	~	–	–	–	–	–	–	–	~	~	~	~	~	~	~	~	X	X	X								Lake Ice: 1%; Misting; Freezing Rain
10	34	25	28	0.06	2.5	3	~	~	~	~	~	~	~	~	–	–	–	–	–	–	–	–	–																	Lake Ice: 0%
11	28	16	25	0.00	0.0	2																																		Lake Ice: 12%
12	25	12	19	0.00	0.0	2																																		Lake Ice: 20%
13	27	14	26	T	T	2														–	–	–	–	~	~	~	~	~	~	~										Lake Ice: 55%; Haze; Snow Flurries
14	26	8	12	0.24	2.4	4	~	~	~	~	~	~	~	~	–	–	–	–	–	–	–	–	–	~	~	~	~	~	~	X										Lake Ice: 99%, Open Leeds in middle, Steaming
15	31	9	29	1.10	6.3	10	~	~	~	~	~	~	~	~	~	~	~	~													X									Lake Ice: 100%; Haze
16	29	16	21	T	0.1	9	~	~																																Lake Ice: 100%
17	21	7	19	0.38	4.2	13							~	~	–	–	–	–	–	–	–	–	–	~						X										Lake Ice: 100%
18	30	13	28	0.04	0.5	13																	–	–																Lake Ice: 100%; Haze; Rime; Snow
19	38	20	37	0.00	0.0	12																																		Lake Ice: 100%
20	45	34	41	0.00	0.0	8																																		Lake Ice: 100%; Haze
21	54	36	48	T	0.0	5								~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~											Lake Ice: 100%; Haze
22	60	46	59	0.03	0.0	0	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~											Lake Ice: 100%
23	59	40	42	0.55	0.0	0	~	~	~	~	~	~	~	~	~	–	–	–	–	–	–	–	–	–	~					X										Lake Ice: 30%; Thick Fog
24	42	23	29	T	T	T														–	–	–	~	~	~	~														Lake Ice: 20%; Haze; Iridescent Cloud @ 4:00 PM
25	29	10	20	0.05	0.9	1																																		Lake Ice: 60%; Solar Pillar @ 4:30 PM observed f
26	28	14	28	0.01	0.4	1										–	–	–	–	–	–																			Lake Ice: 85%; Snow Flurries
27	31	23	30	0.00	0.0	1																																		Lake Ice: 85%; Haze
28	44	26	41	0.00	0.0	0																																		Set Min. 40; Lake Ice: 80%
29	43	33	36	0.70	T	0											~	~	~	~	~	~	~	–	~	~	~	~	~	~	X									Set Min. 35; Lake Ice: 80%; Snow on Ground Patch
30	37	23	23	0.18	0.0	0																																		Set Min. 23; Lake Ice: 80%
31	24	10	22	T	0.2	T										–	–	–	–	–	–	–																		Set Min. 22; Lake Ice: 100% (Ice Over)
	36.9	23.1	SUM	4.59	18.4																									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