

Operating Report

Date: 4/21/2009

Directors:

John Anderson David Bollweg Harold Friestad William Gage, Jr. Harold Hartshorne
 Clara Jacobs Larry Larkin Jeffrey Miller Karl Otzen Ted Peters Thomas Whowell Daniel Winkler

Week Ending	12/2	12/9	12/16	12/23	12/30
Lake Level	23	23	23	24	26
Precipitation	0.32	0.77	0.74	1.25	1.85

Real time lake level: <http://waterdata.usgs.gov/nwis/uv?423525088260400>

Lake Facts: Wisconsin's 4th deepest lake. Maximum depth of 135 ft.

Length: 7.7 miles; Minimum width 0.5 miles; Maximum width 2 miles

GENERAL INFORMATION: Company organized Apr. 24, 1894

Official gauge located in forebay on east end of spillway.

Spillway is 864.299 feet above sea level.

Spillway crest is 22 inches above datum.

Area of lake is 8.6 square miles or 5,231 acres

Total area of lake and drainage is 36 sq. miles or 13,121 acres

One inch of lake level equals 150 million gallons

It takes 24 hours to lower the lake one inch.

Retention time is 15 years.

113 YEAR LEVEL RECORD 1894-2007

READING IN INCHES ABOVE DATUM												
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Maximum	32				1908							
	31				•	1996						
	30		1950	1950		•	1938	2007				
	29		•	1954			•	•				
	28			•								
	27											
	26	1974	1974						1986	1954	1998	1974
	25	•	•						•	•	2001	2006
	24										•	•
	23				•	•						
Historic Average	22		Spillway	•			•			Crest		
	21			•				•				
	20								•			
	19		•							•		
	18	•									•	•
	17											
	16											
	15											
	14											
	13											
Minimum	12											
	11					1899						
	10				1899	•						
	9				•		1899		1934			
	8		1907				•		•			
	7		•	1896								
	6	1902	1902	•				1899				
	5	•	•					•		1895		
	4									•	1895	1901
	3										•	•
Datum	2											
	1											
	0											

MONTHLY AVERAGE LAKE LEVEL -- Figures in inches above datum

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
2000	20.5	21.8	22.75	25	26.8	29	26.25	23.6	23.5	23.2	23.25	22.5
2001	20.4	20.25	19.75	21	25	28.25	24.8	23.5	25.25	24.8	24.75	23.75
2002	18.8	19.75	23.5	26.2	25.5	26.75	22.8	21.5	21.75	22	20.5	20.2
2003	18	18.75	21	23.8	25.75	25	24.2	21.25	17.6	15.25	18.25	19.8
2004	21	22.25	24	24.75	27.25	27.6	24.5	21.8	20.5	17.25	17.8	19.5
2005	20.5	22.5	19.8	22.5	24.2	24.5	22.25	19.8	17	15.5	14.6	15
2006	18	20.75	24.5	26.25	25.6	24.75	24	22	23.75	22.8	23	25
2007	23	19.5	22.5	25.75	25.4	26.75	23	30*	25.25	23.8	22	22.75
2008	24.6	24.25	25.25	27.2	26.5	28.25	27.4	24.25	24.6	24	23	23.8

Underscored readings indicate the gates were closed during the entire month

*indicates a reading of 36" above datum occurred during the month

Remarks: 12/4 - open gates 4" to lower lake to winter level

Recorder: Jeffrey S. Miller