

MEMO

TO: Town of Delavan Lake Committee
FROM: Delavan Lake Sanitary District
RE: DLSD Lake Management Activities for December
DATE: January 3, 2023

LAKE MONITORING RECORDS

December Precipitation – 1.67 inches
Number of Run-off events – 0
Precipitation Year-to-date – 33.33 inches
Ice On Date – January 10, 2022
Ice Off Date – March 23, 2022

November Secchi Disc Readings: Maximum – 15.0 feet
Average – 12.3 feet

LAKE LEVEL

DNR Summer Lake Elevation Expectations – 927.86 feet
Average Lake Elevation – 927.72 feet

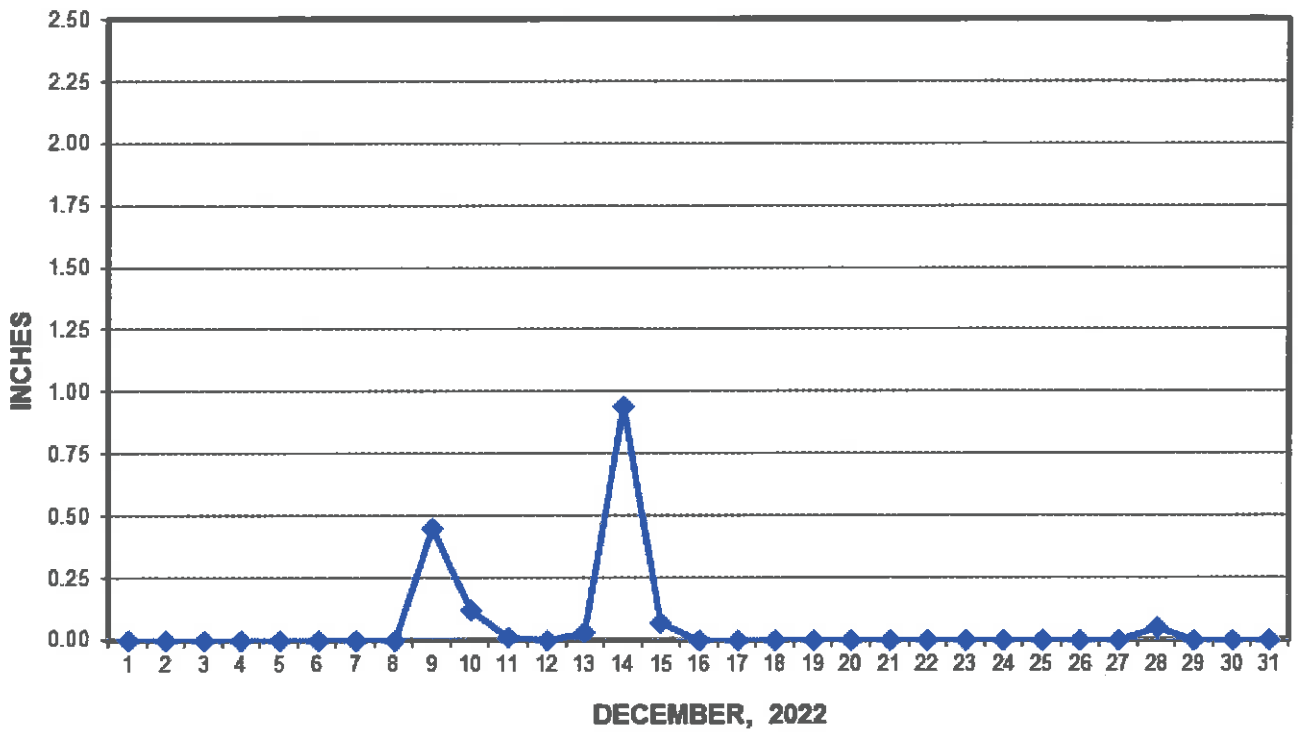
LAKE MANAGEMENT PROGRAM

Harvesting equipment has been removed and is being winterized and prepared for spring launch.

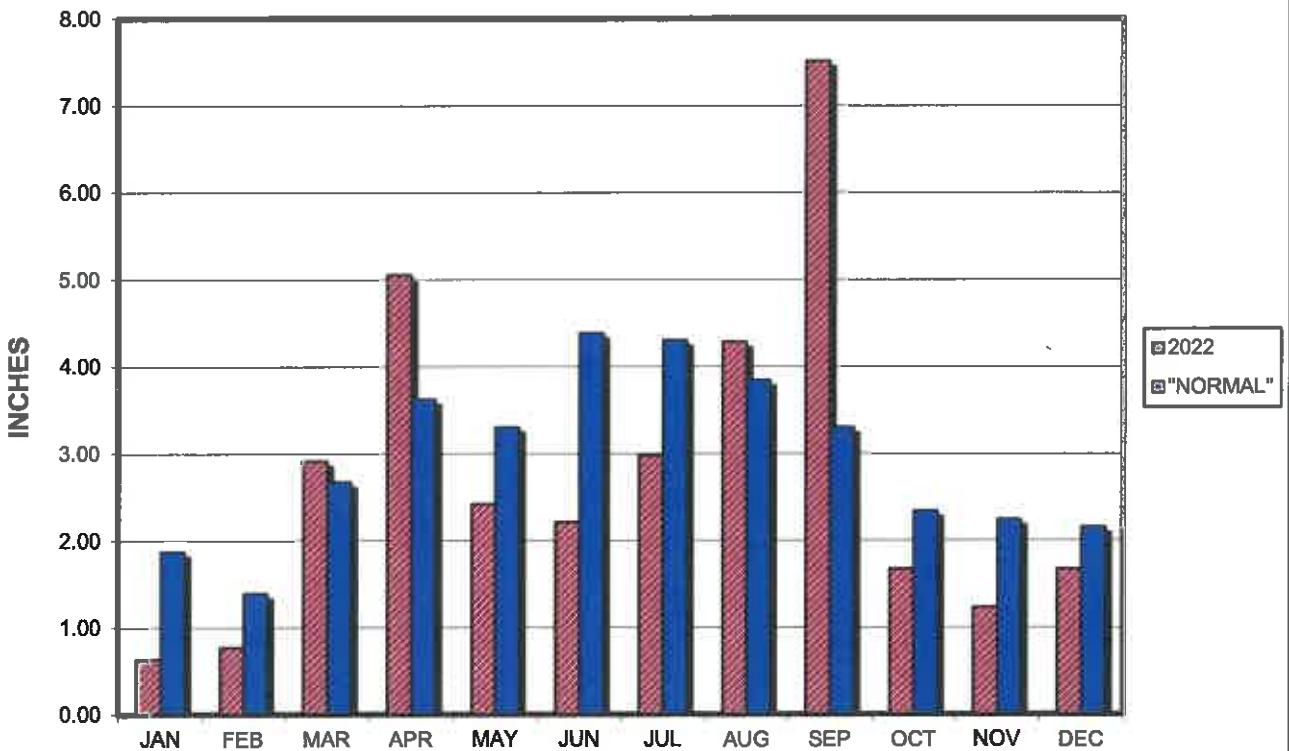
Sewer utility is busy working on future projects on HWY O, LS #10, LS #8, LS #1, LS #4 as well as future sewer extensions.

Encl.: (3)

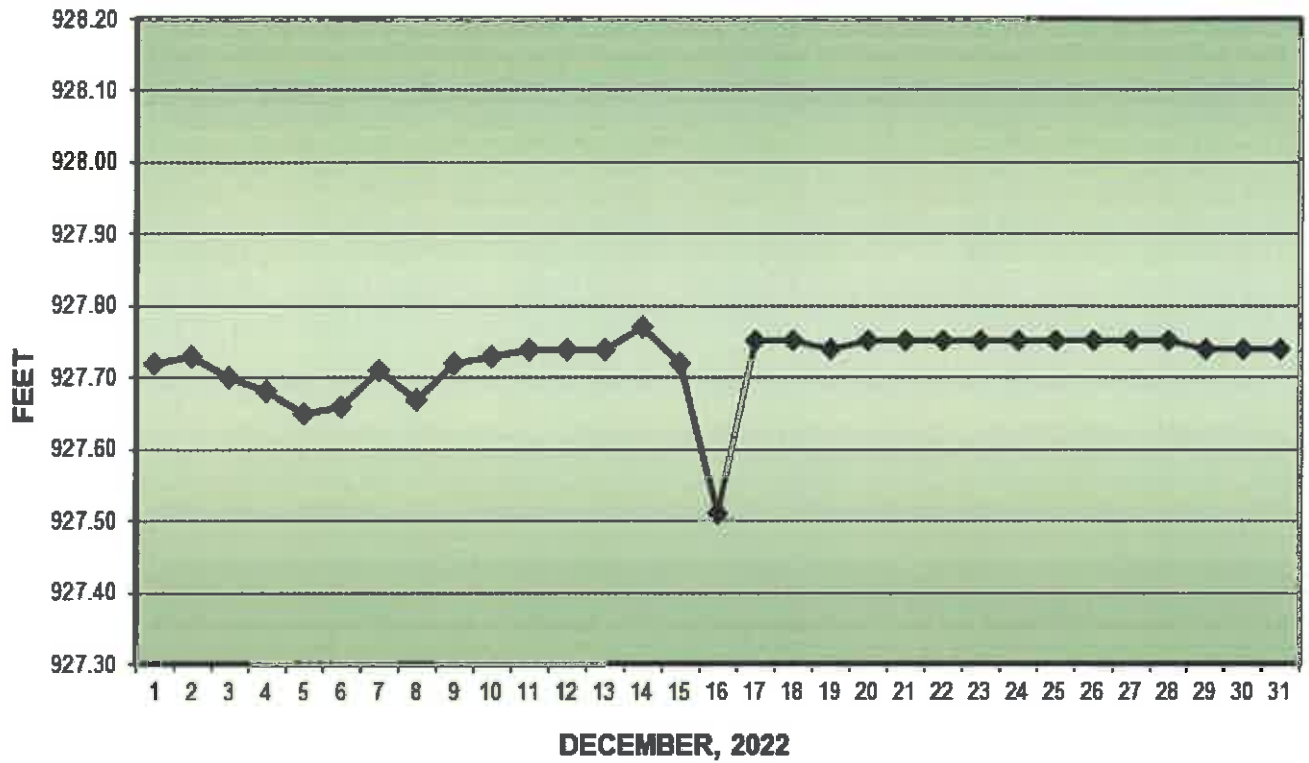
PRECIPITATION - DELAVAN LAKE, WI



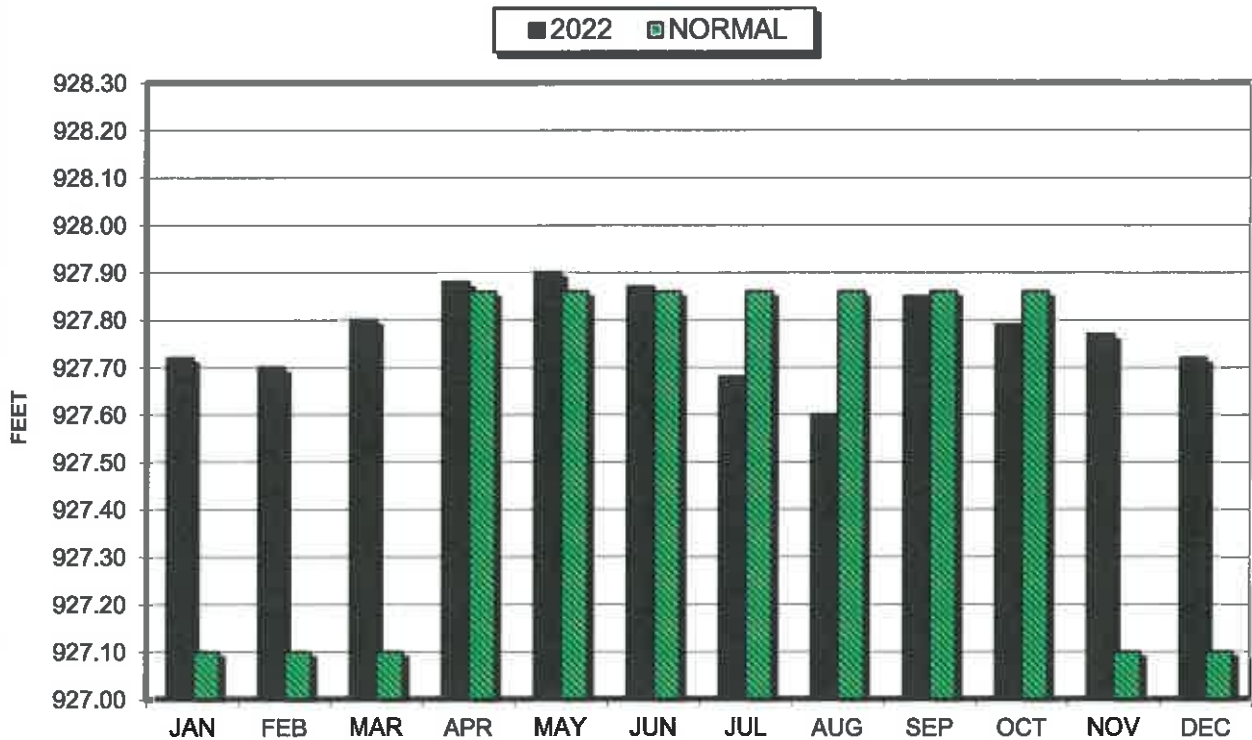
PRECIPITATION - DELAVAN LAKE, WI



LAKE ELEVATION - DELAVAN LAKE, WI



AVERAGE LAKE ELEVATION - DELAVAN LAKE, WI



**DATA SUMMARY
DELAVAN LAKE, WISCONSIN**

Month	Ice On Date	Ice Off Date	Air Temperature			Precipitation		Lake Water Temp.	Average Lake Elevation	Secchi Disc		Cubic Yards Harvested	
			Max.	Min.	Mean	Month (In Inches)	Yr to Date (In Inches)			Average (In Feet)	Maximum (In Feet)	Month	YTD
2020													
JAN	1/17/20		48	1	24	2.26	2.26	-	927.52	-	-	-	-
FEB			46	-13	17	0.31	2.57	-	927.47	-	-	-	-
MAR		3/13/20	62	22	42	3.33	5.90	-	927.66	-	-	-	-
APR			78	23	51	3.85	9.75	48	927.72	10.0	12.0	-	-
MAY			88	28	58	3.60	13.35	67	927.88	16.4	25.0	202	202
JUN			93	47	70	3.63	16.98	75	927.85	8.2	17.0	1423	1625
JUL			94	57	76	3.97	20.95	79	927.87	9.6	13.0	1395	3020
AUG			88	38	50	5.38	26.33	75	927.90	7.9	9.8	714	3734
SEP			82	34	58	3.65	29.98	66	927.87	8.3	12.0	169	3903
OCT			82	26	56	2.90	32.88	62	927.85	6.3	7.0	-	-
NOV			75	22	53	1.92	34.80	47	927.77	14.7	17	-	-
DEC			56	5	31	1.91	36.71	-	927.74	-	-	-	-
2021													
JAN	1/21/21		38	-6	22	1.39	1.39	-	927.58	-	-	-	-
FEB			47	-15	16	1.45	2.84	-	927.50	-	-	-	-
MAR			65	9	37	1.54	4.38	-	927.67	-	-	-	-
APR		3/18/21	84	21	53	0.76	5.14	46	927.75	8.7	9	-	-
MAY			88	30	59	1.52	6.66	67	927.87	18.3	32.0	547	547
JUN			95	46	71	2.58	9.24	76	927.84	10.1	19.5	2495	3042
JUL			92	52	72	2.87	12.11	78	927.89	10.2	14.0	1800	4842
AUG			93	51	72	3.96	16.07	77	927.78	9.0	12.0	1910	6752
SEP			89	45	67	1.33	17.40	66	927.53	7.8	11.0	595	7347
OCT			87	29	58	4.78	22.18	67	927.55	9.3	11.0	59	7406
NOV			66	15	41	0.46	22.64	51	927.57	9.7	13	-	-
DEC			64	7	35	1.81	24.45	-	927.61	-	-	-	-
2022													
JAN	1/10/22		40	-18	11	0.63	0.63	-	927.72	-	-	-	-
FEB			49	-3	23	0.77	1.40	-	927.70	-	-	-	-
MAR			73	6	34	2.91	4.31	-	927.80	-	-	-	-
APR		3/23/22	81	24	52	5.05	9.36	42	927.88	20.0	20.0	387	387
MAY			91	33	62	2.42	11.78	62	927.90	12.7	20.0	2184	2571
JUN			98	47	72	2.21	13.99	74	927.87	9.7	13.0	1431	4002
JUL			90	52	71	2.98	16.97	79	927.68	8.7	10.0	1585	5587
AUG			92	52	72	4.28	21.25	79	927.60	6.6	9.0	305	5892
SEP			85	35	60	7.51	28.76	59	927.85	6.7	7.0	39	5931
OCT			78	29	54	1.67	30.43	-	927.79	-	-	-	-
NOV			75	9	42	1.23	31.66	51	927.77	12.3	15.0	-	-
DEC			56	-13	22	1.67	33.33	-	927.72	-	-	-	-