

MEMO

TO: Town of Delavan Lake Committee
FROM: Delavan Lake Sanitary District
RE: DLSD Lake Management Activities for December
DATE: January 4, 2021

LAKE MONITORING RECORDS

December Precipitation – 1.91 inches
Number of Run-off events – 2
Precipitation Year-to-date – 36.71 inches
Ice On Date – January 17, 2020
Ice Off Date – March 13, 2020
Total Ice Cover - 57 days

November Secchi Disc Readings: Maximum – 17.0 feet
Average – 14.7 feet

LAKE LEVEL

DNR Summer Lake Elevation Expectations – 927.86 feet
Average Lake Elevation – 927.74 feet

LAKE MANAGEMENT PROGRAM

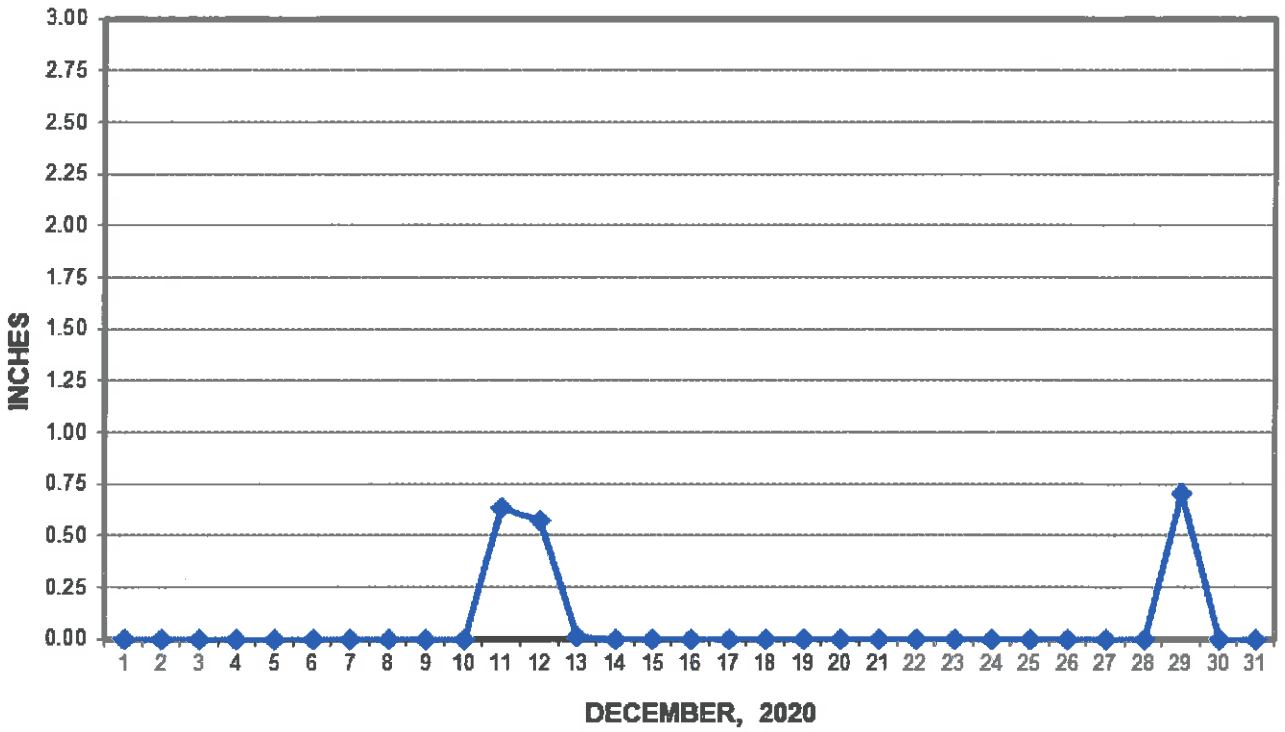
LS #3A reconstruction is in progress.

Staff is working on harvester maintenance.

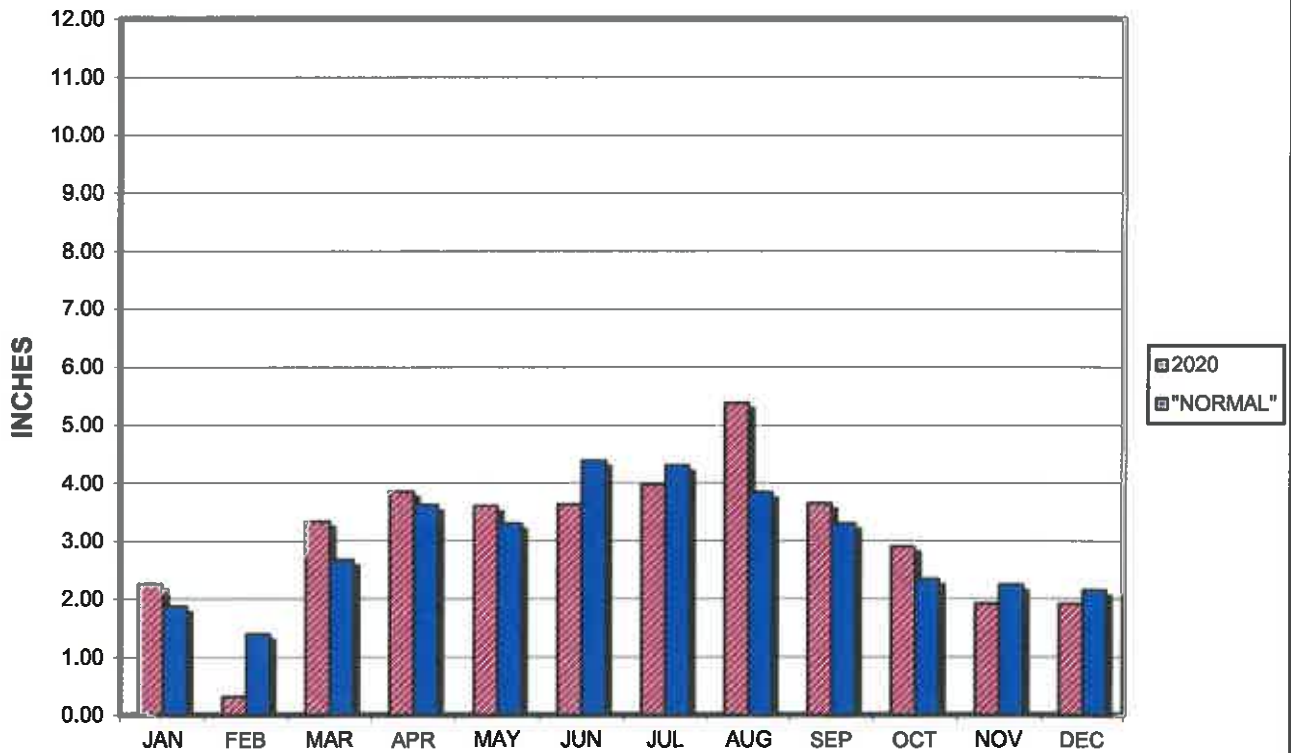
Healthy Lakes Grant Plans for the upcoming 2021 Healthy Lakes Grant Application
Deadline was December 15, 2020. If you are interested in participating, please call DLSD at
262-728-4100.

Encl.: (3)

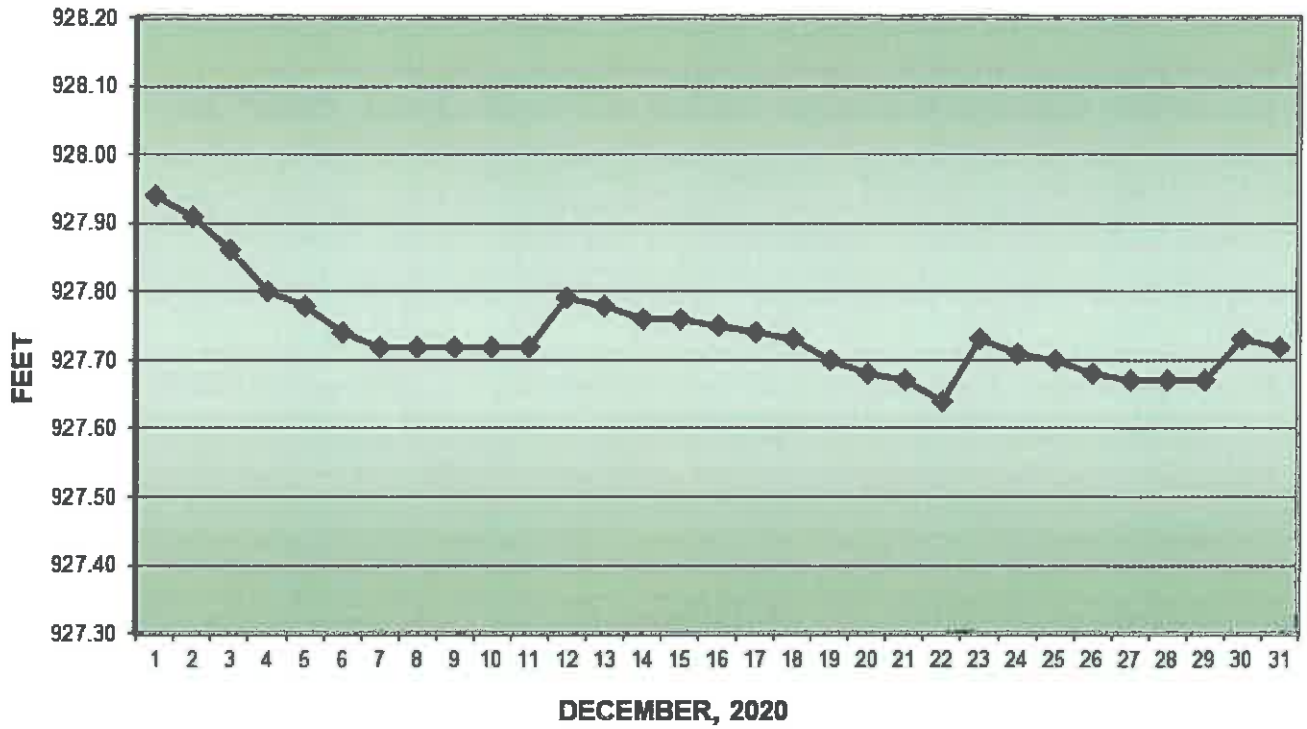
PRECIPITATION - DELAVAN LAKE, WI



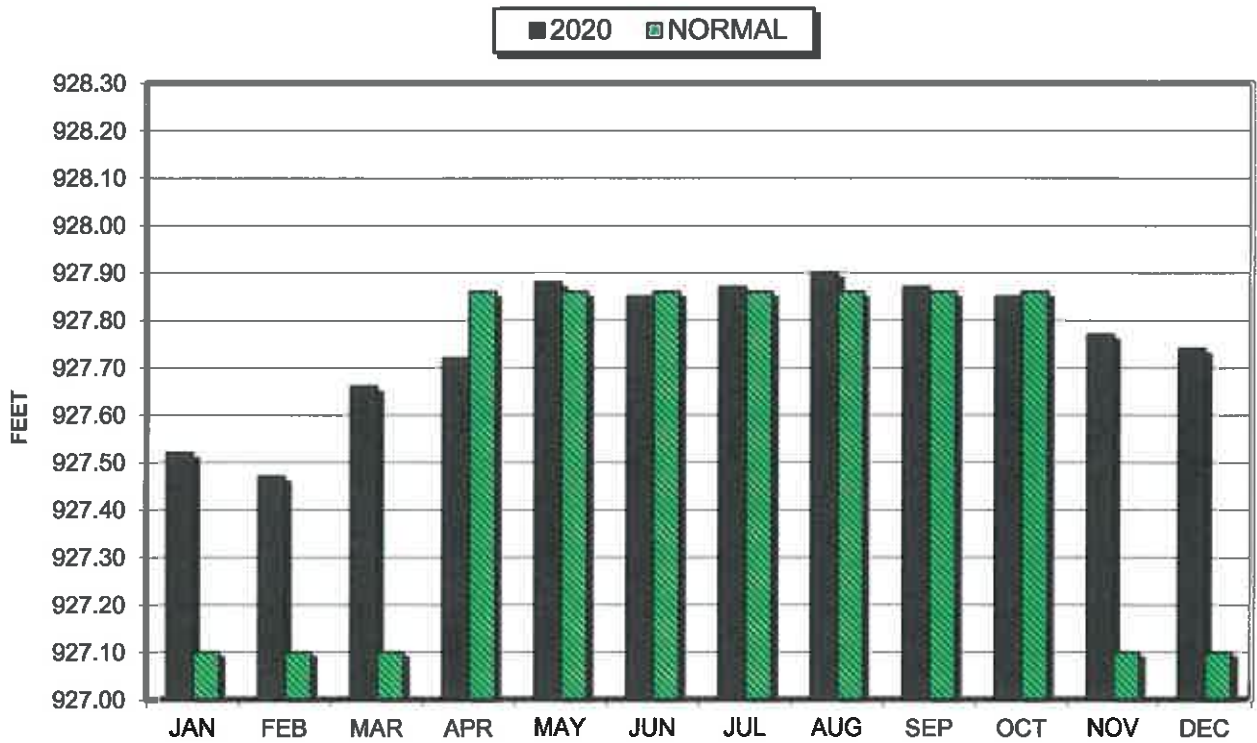
PRECIPITATION - DELAVAN LAKE, WI



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
2018													
JAN			54	-12	21	1.70	1.70	-	927.73	-	-	-	-
FEB			58	-11	24	1.83	3.53	-	927.81	-	-	-	-
MAR		3/24/18	57	15	36	0.76	4.29	-	927.54	-	-	-	-
APR			81	17	49	1.67	5.96	44	927.59	11.0	9.8	-	-
MAY			96	39	68	4.56	10.52	64	927.81	24.0	30.0	275	275
JUN			93	47	70	7.53	18.05	70	928.00	7.5	11.0	749	1024
JUL			91	52	72	2.11	20.16	78	927.80	7.5	11.4	1484	2508
AUG			91	53	72	6.95	27.11	78	927.85	6.8	7.5	1156	3664
SEP			91	36	64	7.37	34.48	59	927.93	8.2	12.0	531	4195
OCT			86	24	55	5.54	40.02	57	927.94	6.4	8.5	124	4319
NOV			52	15	34	1.50	41.52	-	927.80	-	-	-	-
DEC	12/10/18		50	11	31	2.14	43.66	-	927.71	-	-	-	-
2019													
JAN	1/11/19	1/8/19	50	-26	12	2.09	2.09	-	927.75	-	-	-	-
FEB			44	-4	20	3.35	5.44	-	927.72	-	-	-	-
MAR		3/27/19	62	-6	28	2.36	7.80	-	927.78	-	-	-	-
APR			79	19	49	2.01	9.81	42	927.86	11.0	11.5	-	-
MAY			80	34	57	7.29	17.10	59	927.82	23.8	26.0	112	112
JUN			92	46	69	5.05	22.15	69	927.85	15.3	20.0	695	807
JUL			92	54	73	3.68	25.83	78	927.85	9.0	12.5	1310	2117
AUG			87	51	69	4.89	30.72	78	927.86	7.3	8.5	1283	3400
SEP			85	48	67	9.26	39.98	71	927.98	5.8	8.0	359	3759
OCT			76	23	50	5.66	45.64	58	927.95	6.3	8.0	86	3845
NOV			53	5	24	1.62	47.26	-	927.63	-	-	-	-
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	-	-	-	-