

## MEMO

TO: Town of Delavan Lake Committee  
FROM: Delavan Lake Sanitary District  
RE: DLSD Lake Management Activities for August  
DATE: September 1, 2020

### LAKE MONITORING RECORDS

August Precipitation – 5.38 inches  
Number of Run-off events – 2  
Precipitation Year-to-date – 26.33 inches  
Ice On Date – January 17, 2020  
Ice Off Date – March 13, 2020  
Total Ice Cover - 57 days

August Secchi Disc Readings: Maximum – 9.8 feet  
Average – 7.9 feet

### LAKE LEVEL

DNR Summer Lake Elevation Expectations – 927.86 feet  
Average Lake Elevation – 927.90 feet

### LAKE MANAGEMENT PROGRAM

LS#4 generator failure replacement is in progress.

LS #3A is out to bid for conversion to a submersible station.

DLSD Office phone system failures still occurred and new service is in review.

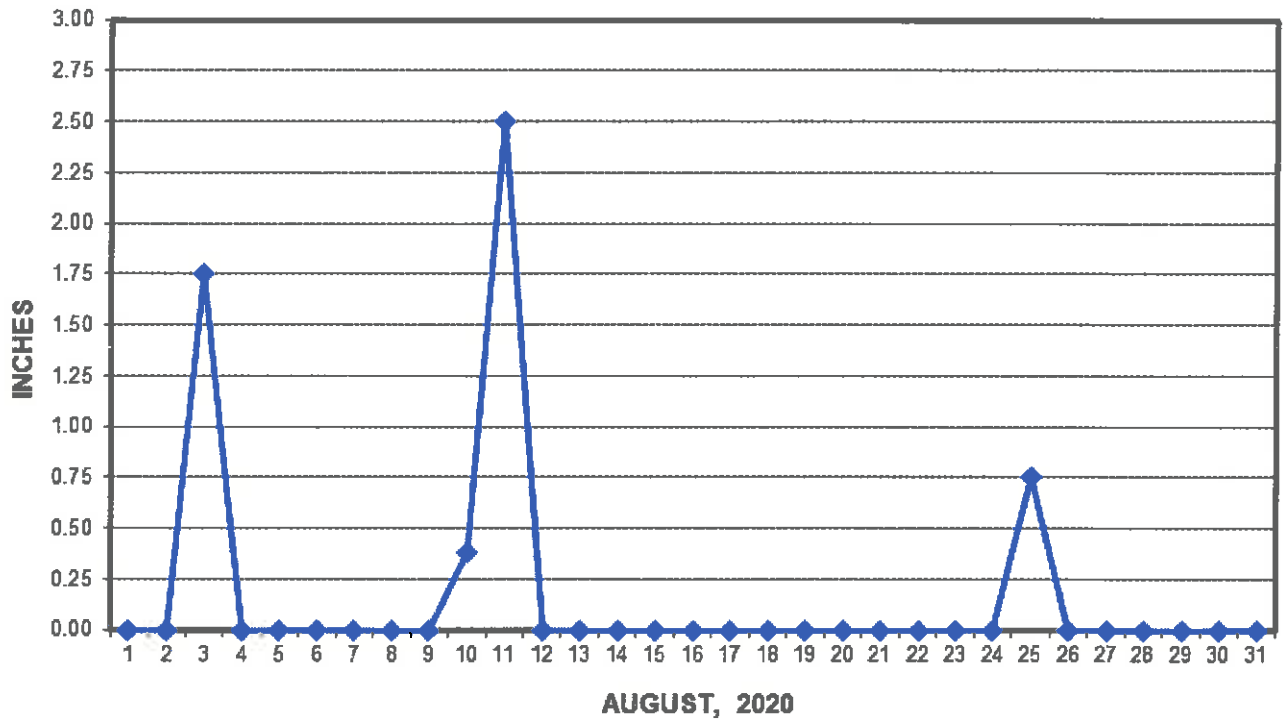
Barge was removed from the lake for service.

Seasonal workers headed back to college.

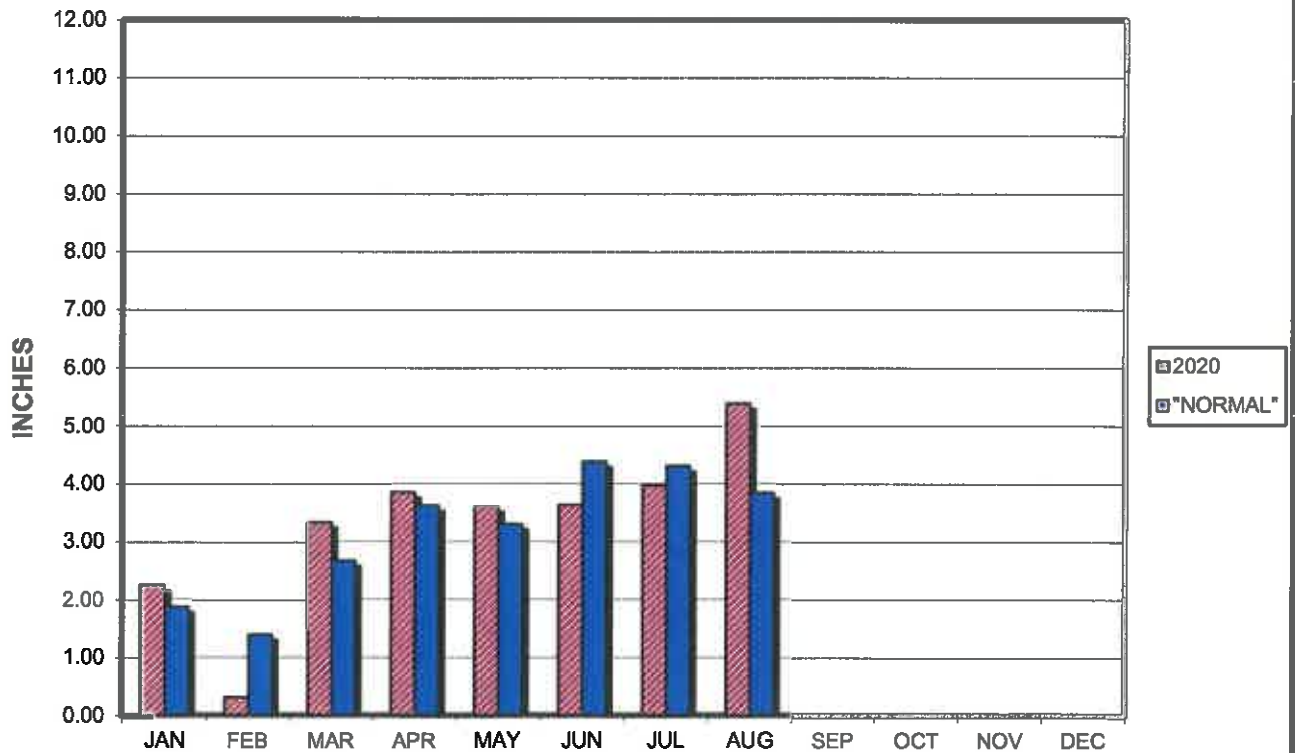
Pennywort invasive species treatment was done by Lake & Ponds.

Encl.: (3)

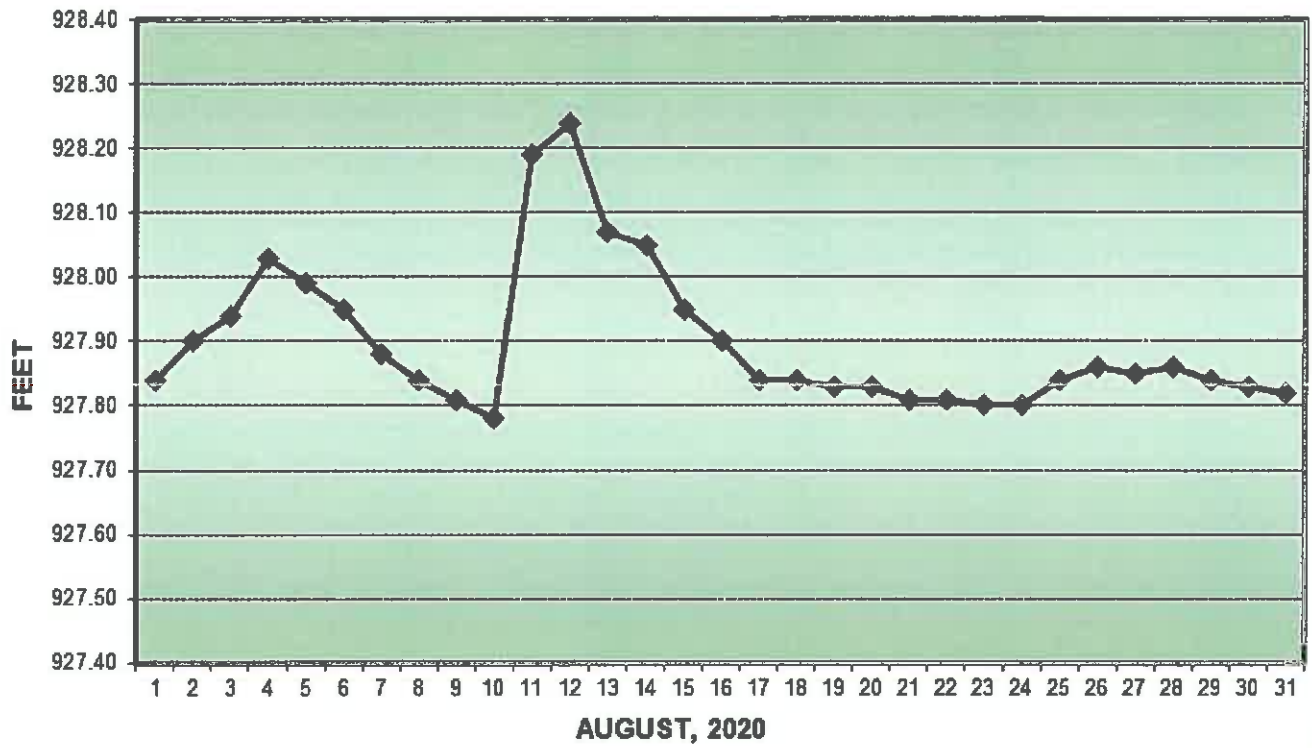
### PRECIPITATION - DELAVAN LAKE, WI



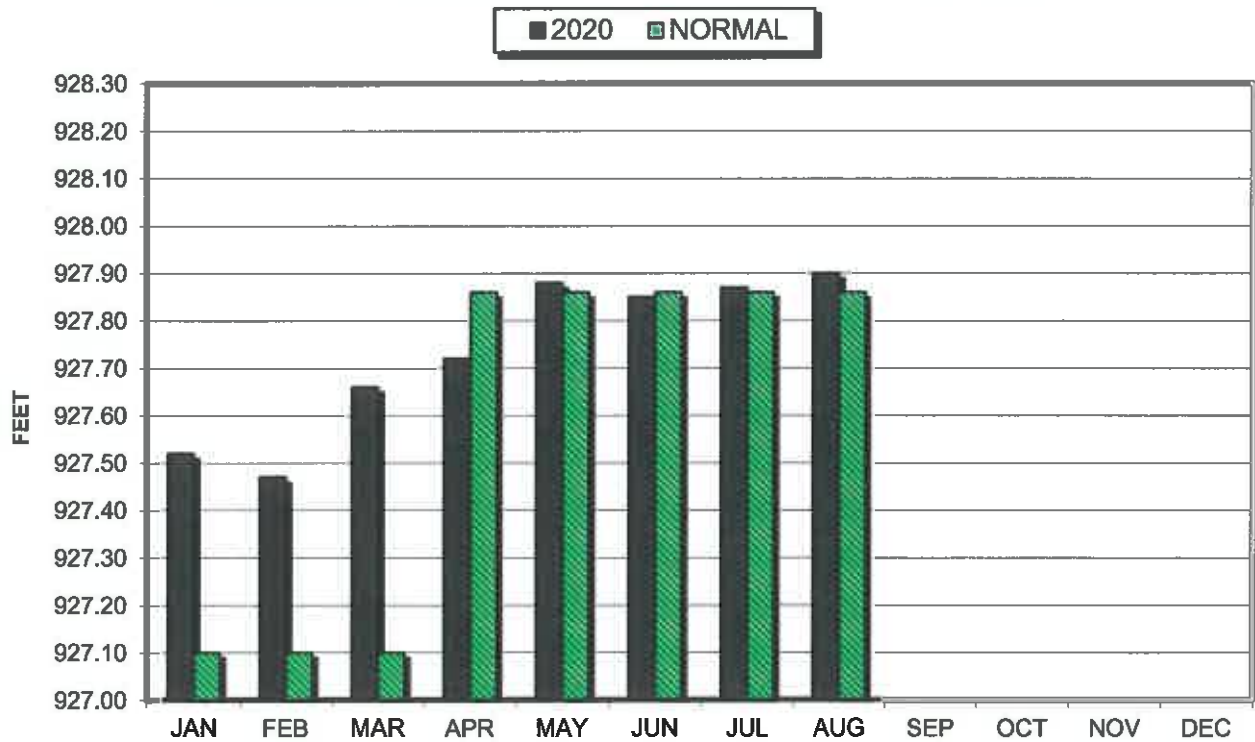
### PRECIPITATION - DELAVAN LAKE, WI



### 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
<b>2018</b>												
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	927.59	11.0	9.8	-	-
MAY			96	39	68	4.56	10.52	927.81	24.0	30.0	275	275
JUN			93	47	70	7.53	18.05	928.00	7.5	11.0	749	1024
JUL			91	52	72	2.11	20.16	927.80	7.5	11.4	1484	2508
AUG			91	53	72	6.95	27.11	927.85	6.8	7.5	1156	3664
SEP			91	36	64	7.37	34.48	927.93	8.2	12.0	531	4195
OCT			86	24	55	5.54	40.02	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	-	-	-	-
<b>2019</b>												
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	927.86	11.0	11.5	-	-
MAY			80	34	57	7.29	17.10	927.82	23.8	26.0	112	112
JUN			92	46	69	5.05	22.15	927.85	15.3	20.0	695	807
JUL			92	54	73	3.68	25.83	927.85	9.0	12.5	1310	2117
AUG			87	51	69	4.89	30.72	927.86	7.3	8.5	1283	3400
SEP			85	48	67	9.26	39.98	927.98	5.8	8.0	359	3759
OCT			76	23	50	5.66	45.64	927.95	6.3	8.0	86	3845
NOV			53	5	24	1.62	47.26	927.63	-	-	-	-
<b>2020</b>												
JAN	1/17/20		48	1	24	2.26	2.26	927.52	-	-	-	-
FEB			46	17	-13	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	927.72	10.0	12.0	-	-
MAY			88	28	58	3.60	13.35	927.88	16.4	25.0	202	202
JUN			93	47	70	3.63	16.98	927.85	8.2	17.0	1423	1625
JUL			94	57	76	3.97	20.95	927.87	9.6	13.0	1395	3020
AUG			88	50	38	5.38	26.33	927.9	7.9	9.8	714	3734