

**DELAVAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
AUGUST ACTIVITY 2019**

ADMINISTRATION

SEWRPC plant survey is being planned for 2020

County posted a stop work order on at 4453 South Shore regarding test holes being conducted to research water tables and soil conditions as contractors determine if they wish to bid the force main project.

Harvesters are being removed as DLSD starts losing seasonal staff.

Litigation is being sought regarding delinquent sewer bills.

Budget process for 2020 has begun with future workshops being planned.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 1

Reconnections for the Month – 2

Disconnections for the Month – 0

Total Number of Structures Connected to Date – 3,100

Total ERU Count for the Month – 4,007

Operation and Maintenance

Average August Daily Wastewater Flow to WalCoMet – 663,141 gallons

Peak August Flow – 718,768 gallons

Diggers Requests Marked for the Month – 143

Emergency Call Outs – 10

The following charts are attached: *Wastewater Flow comparison with Precipitation for August, 2019*
Average Daily Wastewater Flow comparison with Peak Flow
Precipitation comparison with "normal"
Wastewater Flow comparison with "normal"
Environmental Data Summary
Daily Lake Elevation for August, 2019
Lake Elevation comparison with "normal"

Lake Monitoring/Lake Level

Precipitation Total for the Month – 4.82 inches

Above Normal – .98 inches

Ice On Date – January 11, 2019

Ice Off Date – March 27, 2019

Secchi Disc Reading Main Lake – 8.0 feet on 8/21/2019

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal – 927.86 feet

Average Lake Elevation – 927.85 feet

Number of Dam Inspections – 27

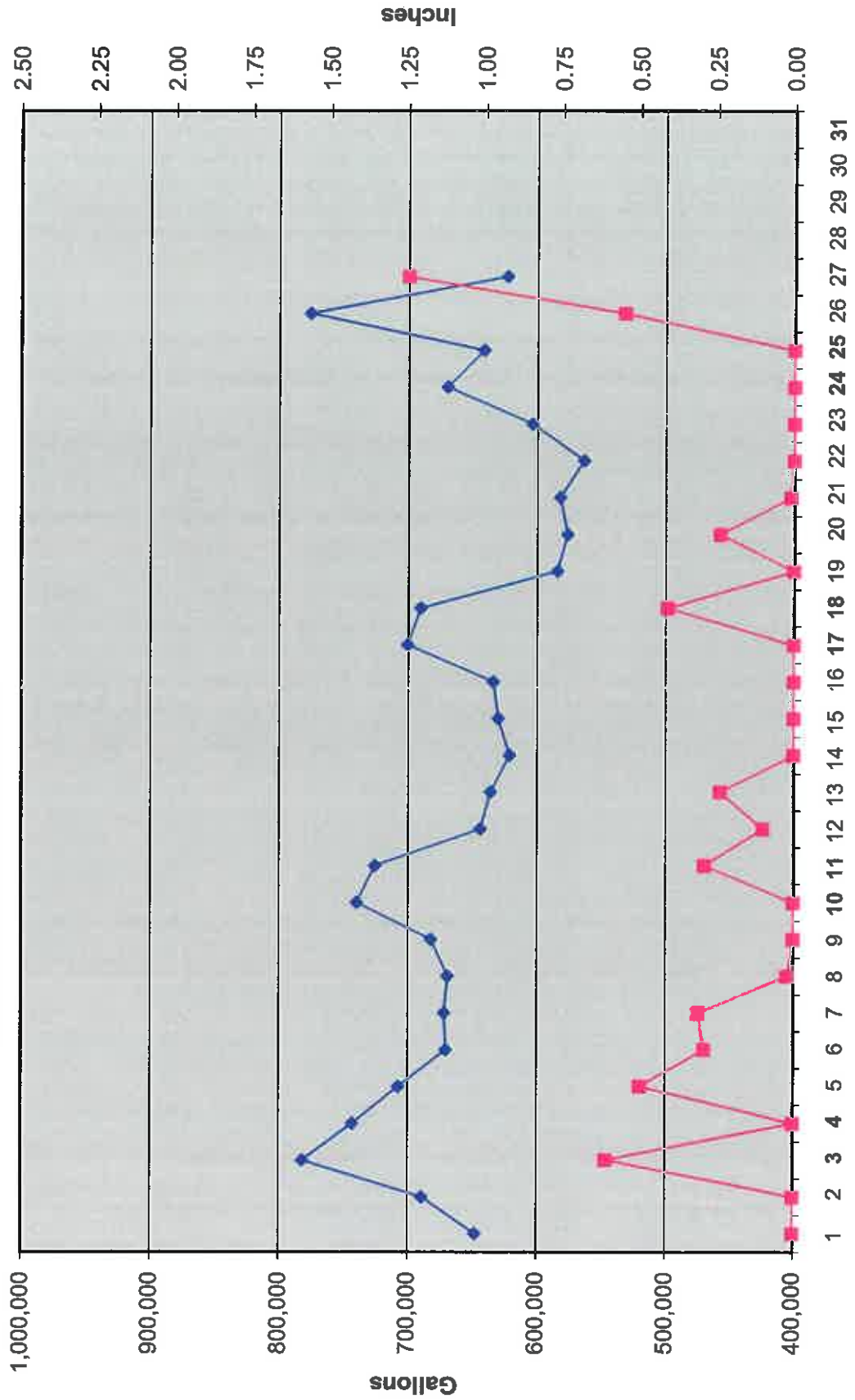
See attached Gate Setting Chart.

Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, October 2, 2019 at the Town Hall.

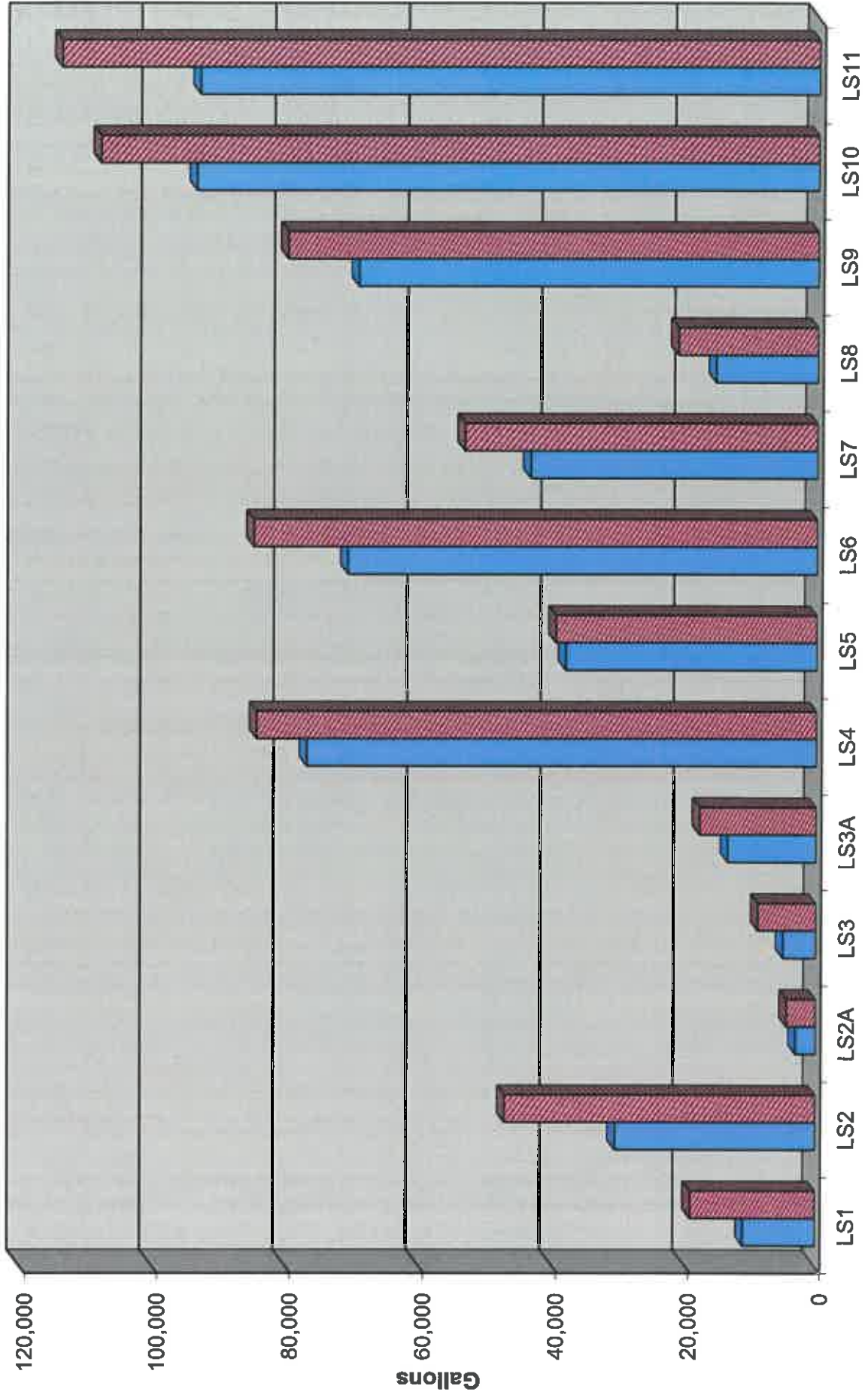
Attachments

Wastewater Flow/Precipitation - August, 2019



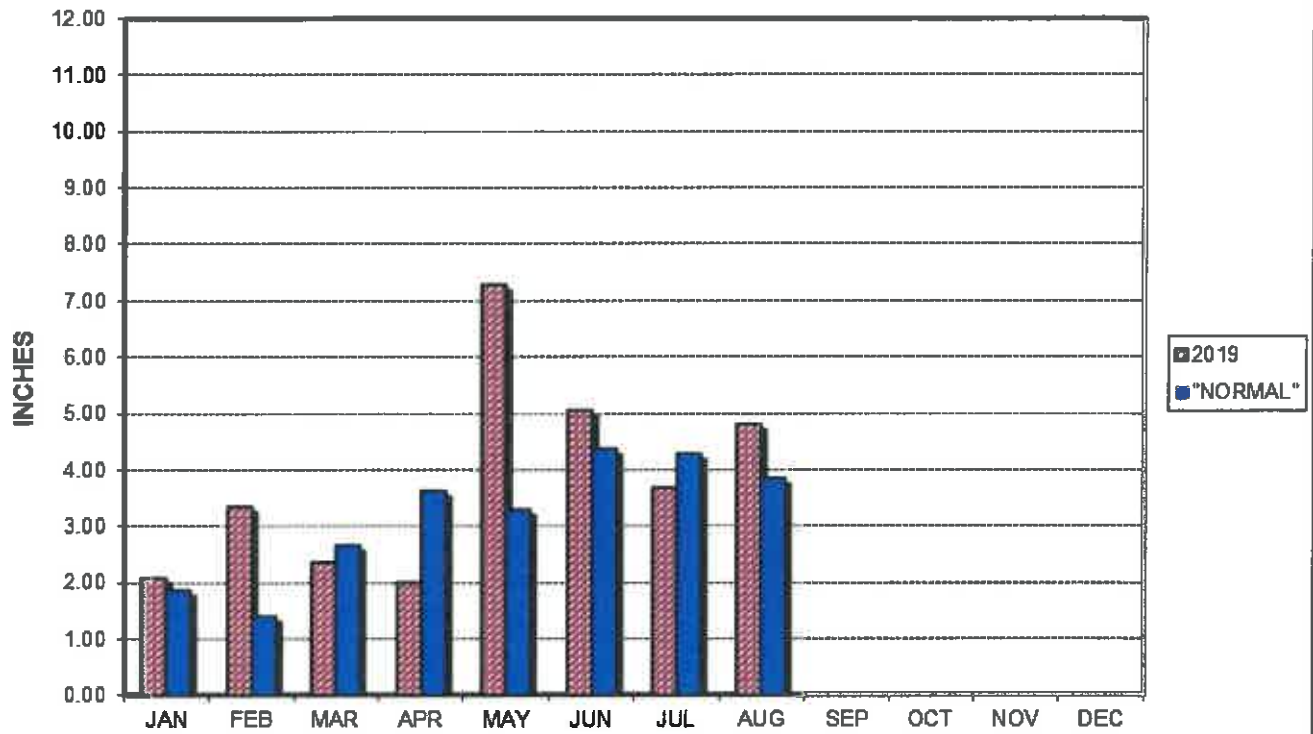
Average Daily Flow/Peak Flow by Area - August, 2019

■ Average
 ■ Peak

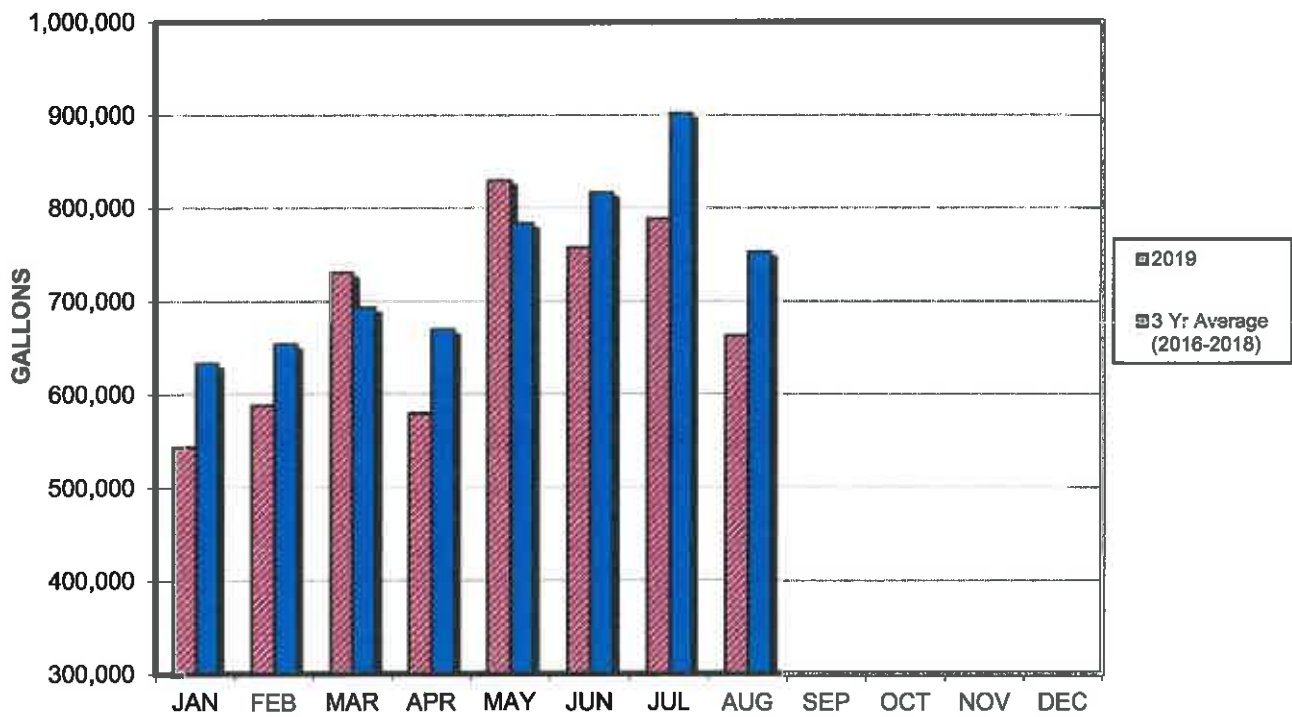


(Includes data from 8/1/2019 - 8/27/2019)

PRECIPITATION - DELAVAN LAKE, WI

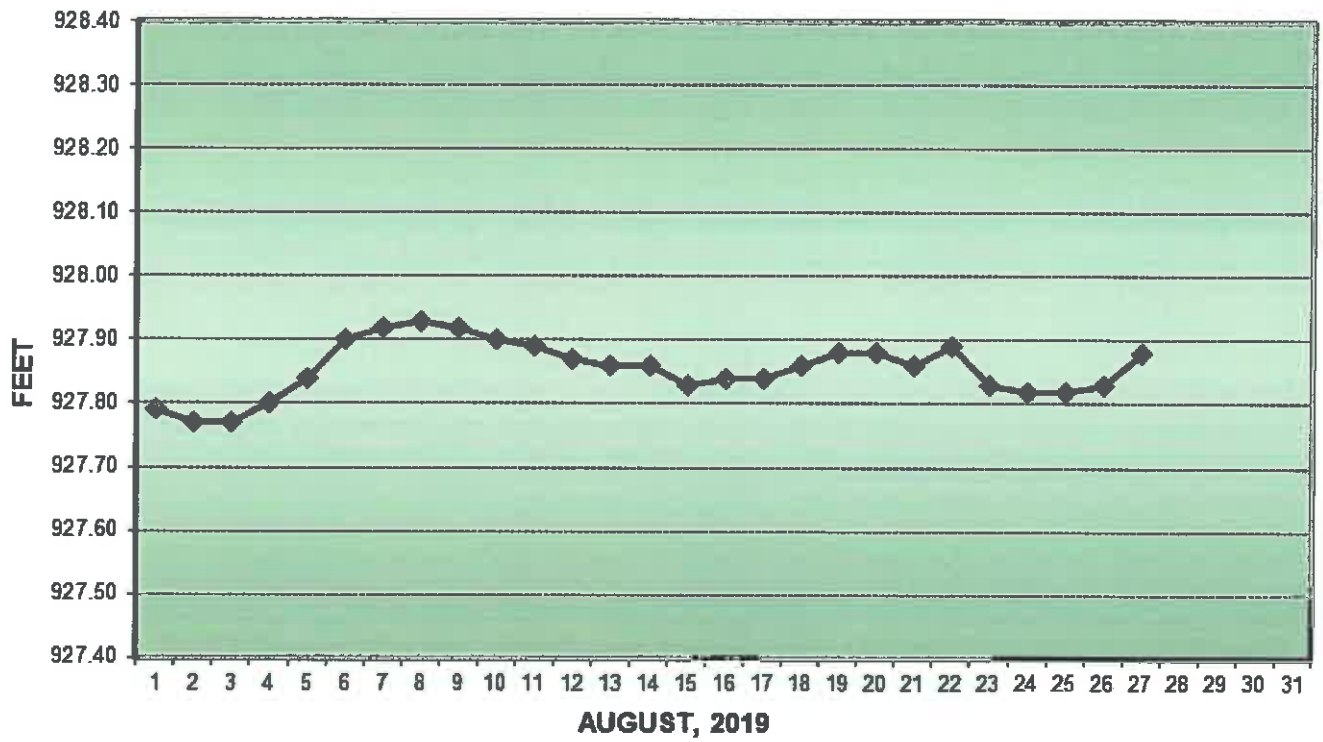


AVERAGE WASTEWATER FLOWS

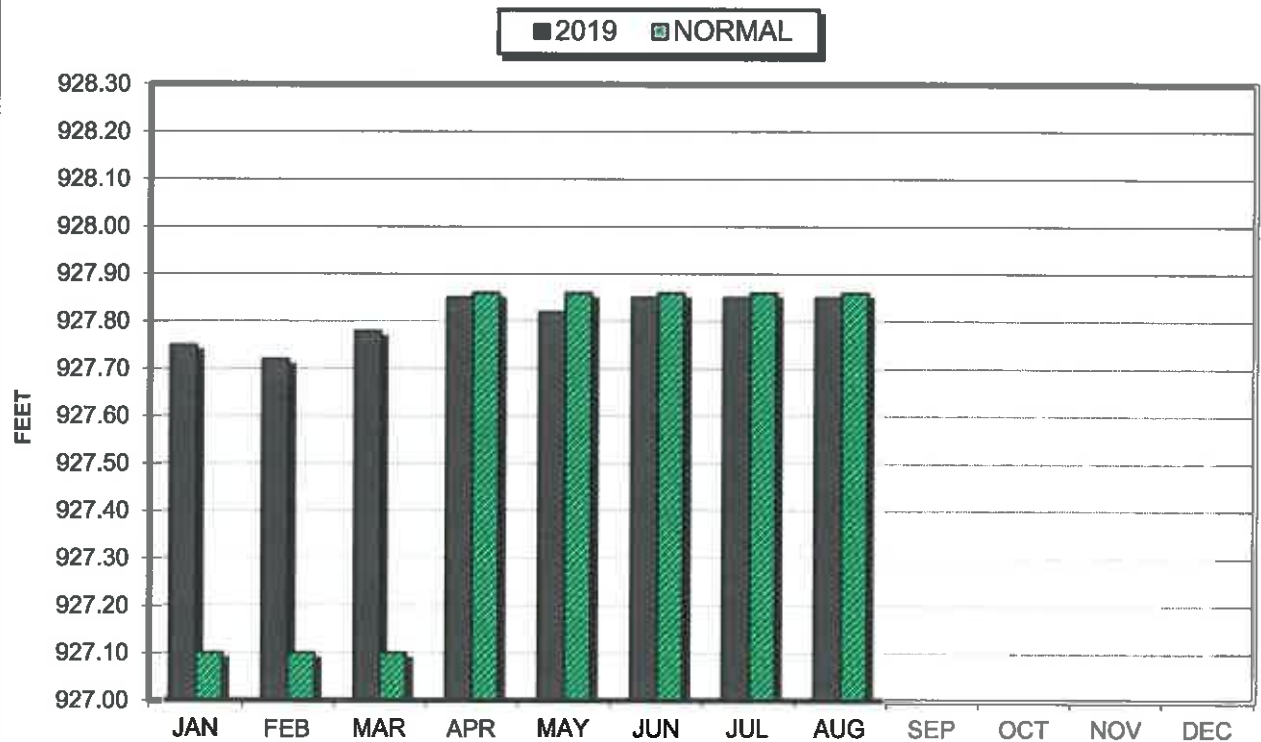


(Includes data from 8/1/2019 - 8/27/2019)

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
2017													
JAN			54	-2	26	2.49	2.49	-	927.71	-	-	-	-
FEB		2/24/17	68	10	39	2.53	5.02	-	927.61	-	-	-	-
MAR			75	11	32	2.88	7.90	-	927.66	-	-	-	-
APR			81	30	56	6.01	13.91	49	927.79	30.0	30.0	296	296
MAY			86	32	59	4.03	17.94	54	927.87	19.7	26.0	1047	1343
JUN			93	47	70	6.39	24.33	68	927.87	12.6	19.0	840	2183
JUL			89	54	72	7.18	31.51	76	928.22	5.9	10.0	1157	3340
AUG			84	44	64	1.64	33.15	73	927.87	6.2	7.0	113	3453
SEP			94	40	67	0.27	33.42	72	927.77	6.1	9.0	-	-
OCT			83	31	57	4.73	38.15	64	927.72	6.9	7.6	-	-
NOV			63	13	38	1.42	39.57	45	927.58	7.5	7.5	-	-
DEC	12/26/17		61	27	-7	0.10	39.67	-	927.64	-	-	-	-
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	275	275
MAY			96	39	68	4.56	10.52	64	927.81	24.0	30.0	749	1024
JUN			93	47	70	7.53	18.05	70	928.00	7.5	11.0	1484	2508
JUL			91	52	72	2.11	20.16	78	927.80	7.5	11.4	1156	3664
AUG			91	53	72	6.95	27.11	78	927.85	6.8	7.5	531	4195
SEP			91	36	64	7.37	34.48	59	927.93	8.2	12.0	124	4319
OCT			86	24	55	5.54	40.02	57	927.94	6.4	8.5	-	-
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	112	112
MAY			80	34	57	7.29	17.10	59	927.82	23.8	26.0	695	807
JUN			92	46	69	5.05	22.15	69	927.85	15.3	20.0	1320	2127
JUL			92	54	73	3.68	25.83	78	927.85	9.0	12.5	1132	3259
AUG			87	51	69	4.82	30.65	78	927.85	7.3	8.5	-	-
SEP													
OCT													
NOV													
DEC													

(Includes data from 8/1/2019 - 8/27/2019)