

**DEHAVAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
SEPTEMBER ACTIVITY 2023**

ADMINISTRATION

HWY O project is complete.

Lift Station #4 interior painting is in progress.

Borg Road easement with WalCoMet is complete and access path to metering station is in progress.

WalCoMet will be lining a sewer on Borg Road.

All harvesters are slowly being removed from the lake.

Engineer is finalizing reviews of Shores of Delavan development.

Lift Station #1 generator is installed and the main panel.

Lift Station #5 preliminary designs are in progress.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 3

Reconnections for the Month - 0

Disconnections for the Month - 0

Total Number of Structures Connected to Date - 3,126

Total ERU Count for the Month - 4,046

Operation and Maintenance

Average September Daily Wastewater Flow to WalCoMet - 468,218 gallons

Peak September Flow - 655,052 gallons

Diggers Requests Marked for the Month - 88

Emergency Call Outs - 1

Lateral Leaks

Sump Pump Discharges - 4

Current Lateral Leaks - 51

Completed Lateral Leak Orders - 5

The following charts are attached: *Wastewater Flow comparison with Precipitation September, 2023*
Average Daily Wastewater Flow comparison with Peak Flow
Precipitation comparison with "normal"
Wastewater Flow comparison with "normal"
Environmental Data Summary
Daily Lake Elevation for September, 2023
Lake Elevation comparison with "normal"

Lake Monitoring/Lake Level

Precipitation Total for the Month – 3.78 inches
Above Normal – .48 inches
Ice On Date – December 19, 2022
Ice Off Date – March 10, 2023
Secchi Disc Reading Main Lake – 12.0 feet 9/27/2023

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal – 927.86 feet
Average Lake Elevation – 927.75 feet

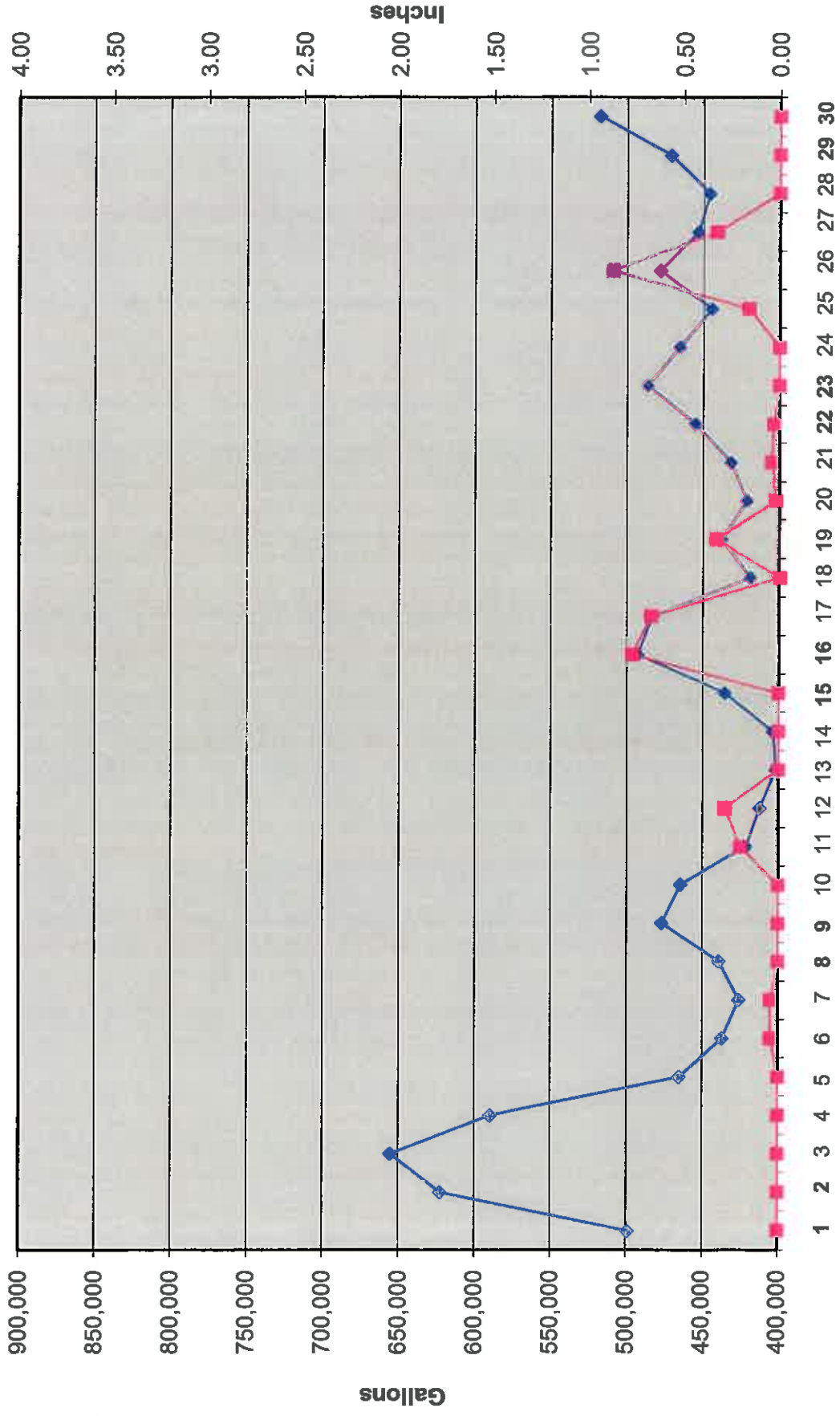
Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, November 1, 2023 at the Town Hall.

Attachments

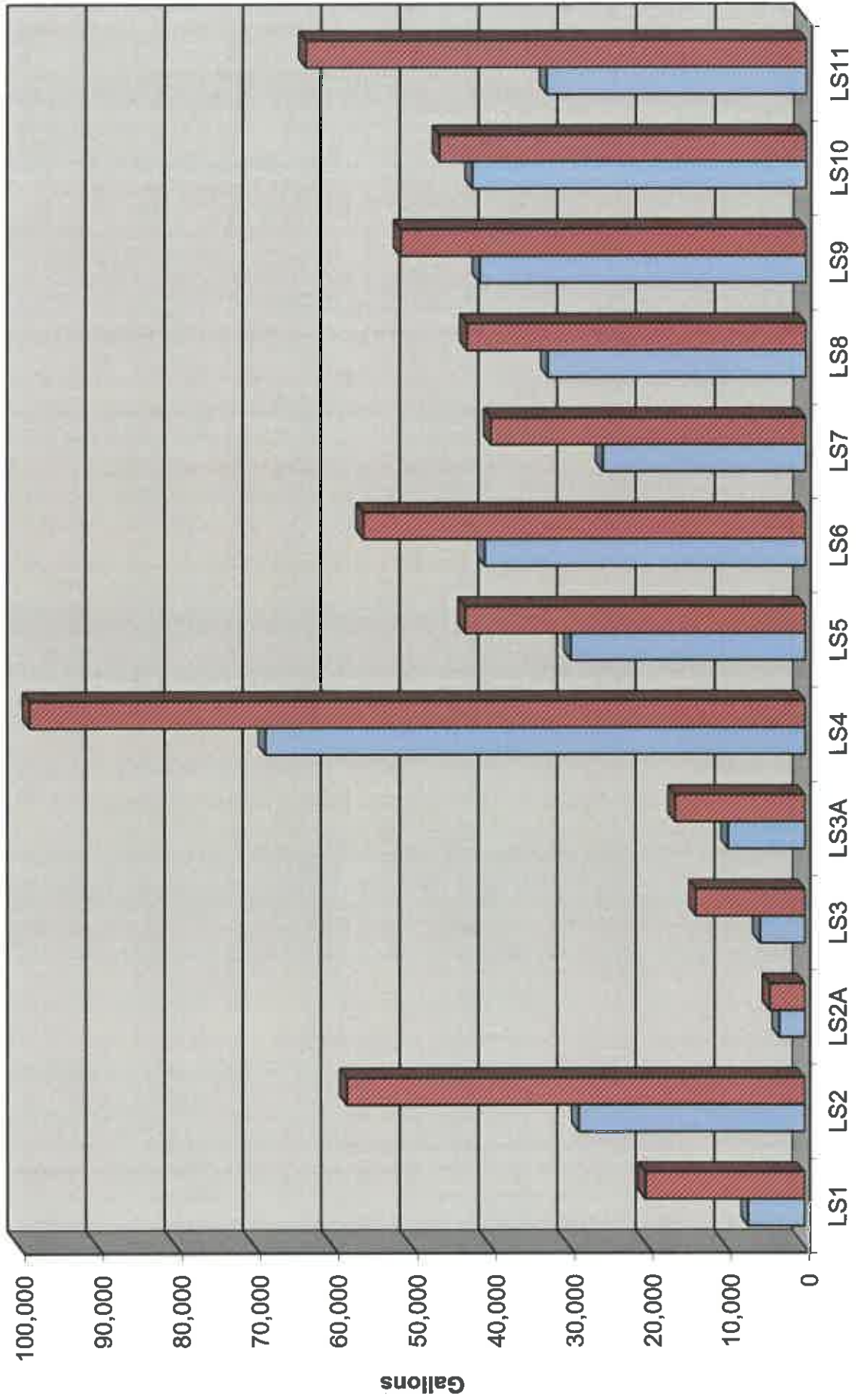
Wastewater Flow/Precipitation - September, 2023

◆ Wastewater Flow ■ Precipitation

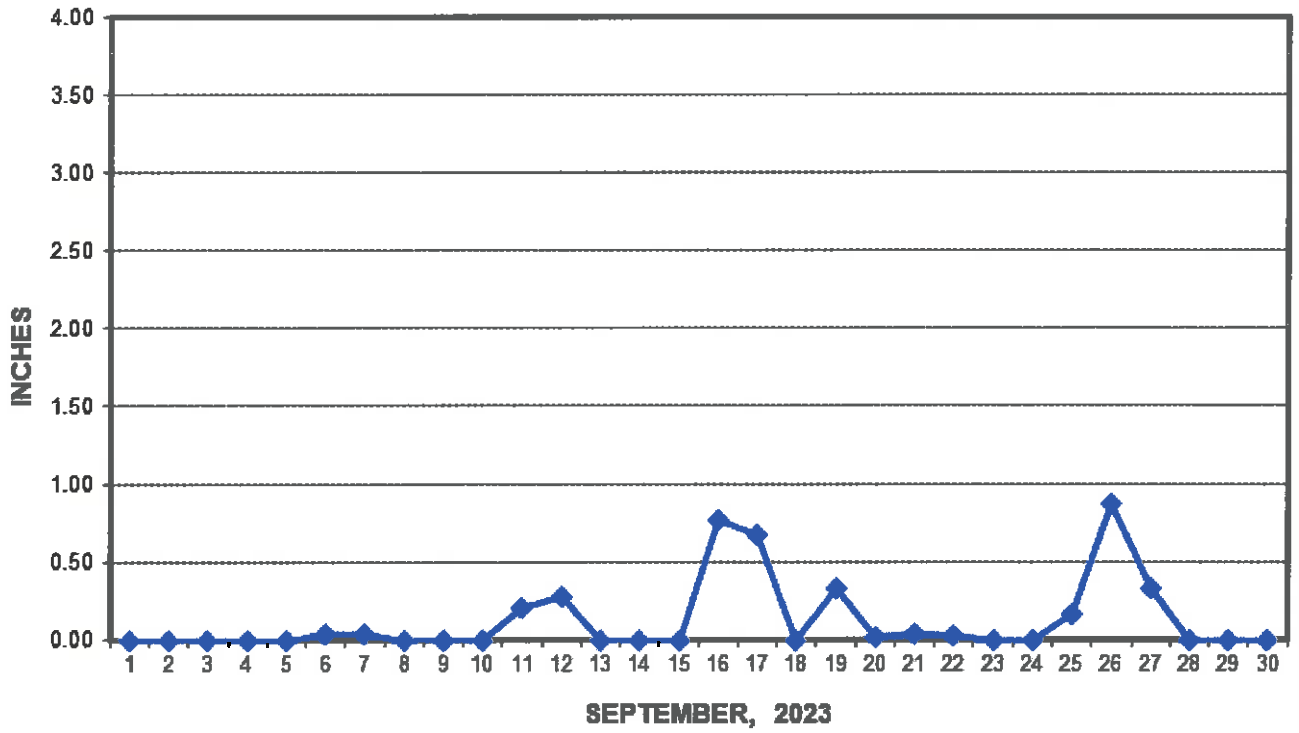


Average Daily Flow/Peak Flow by Area - September, 2023

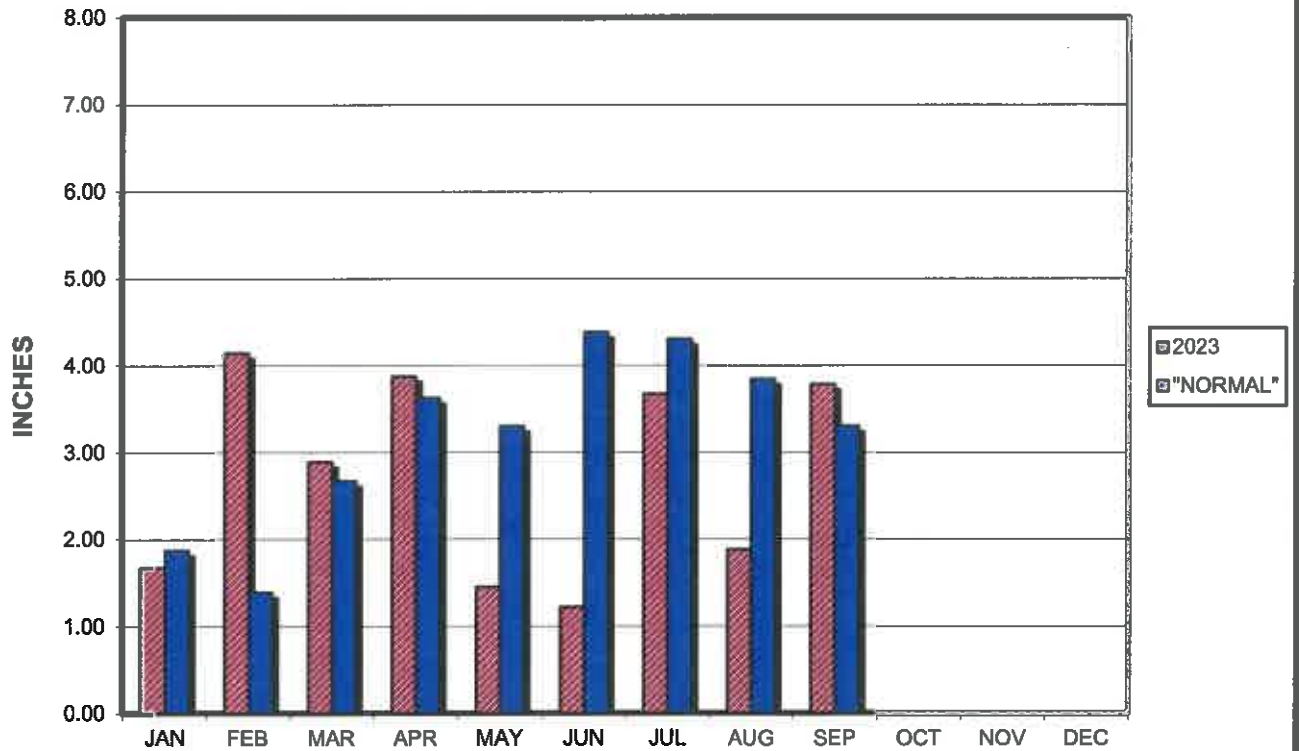
□ Average ■ Peak



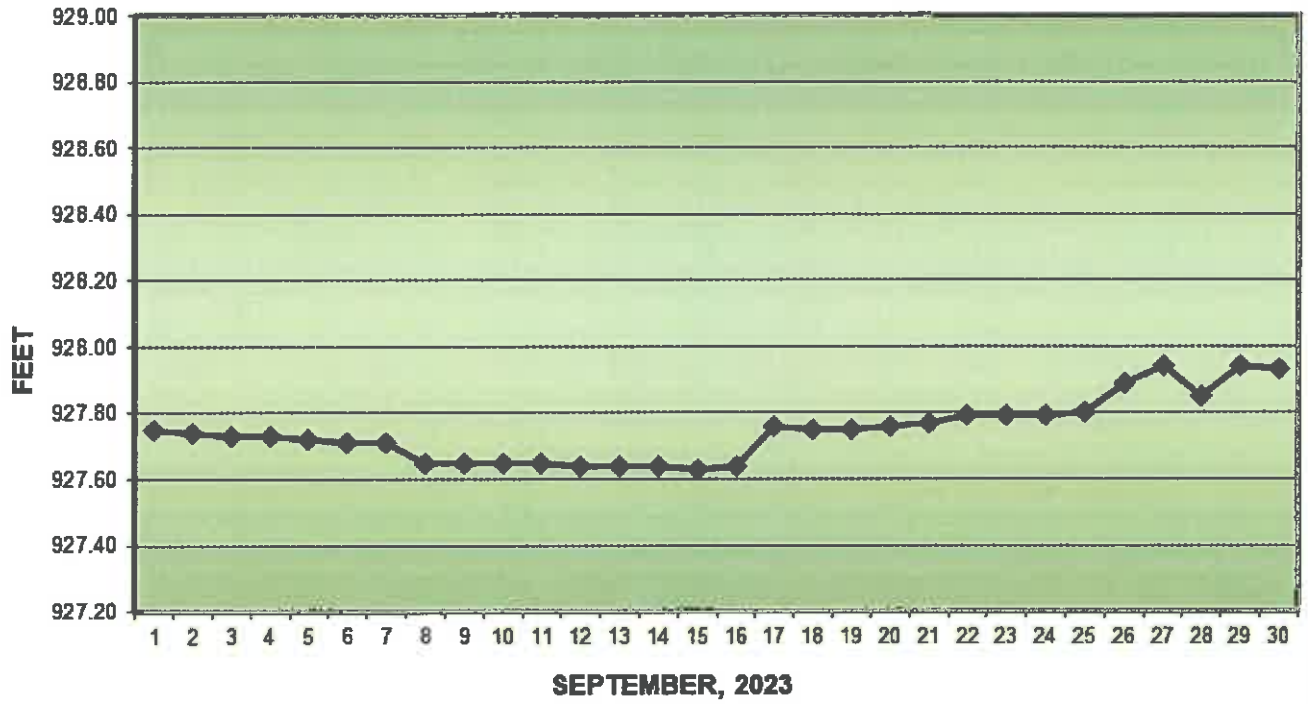
PRECIPITATION - DELAVAN LAKE, WI



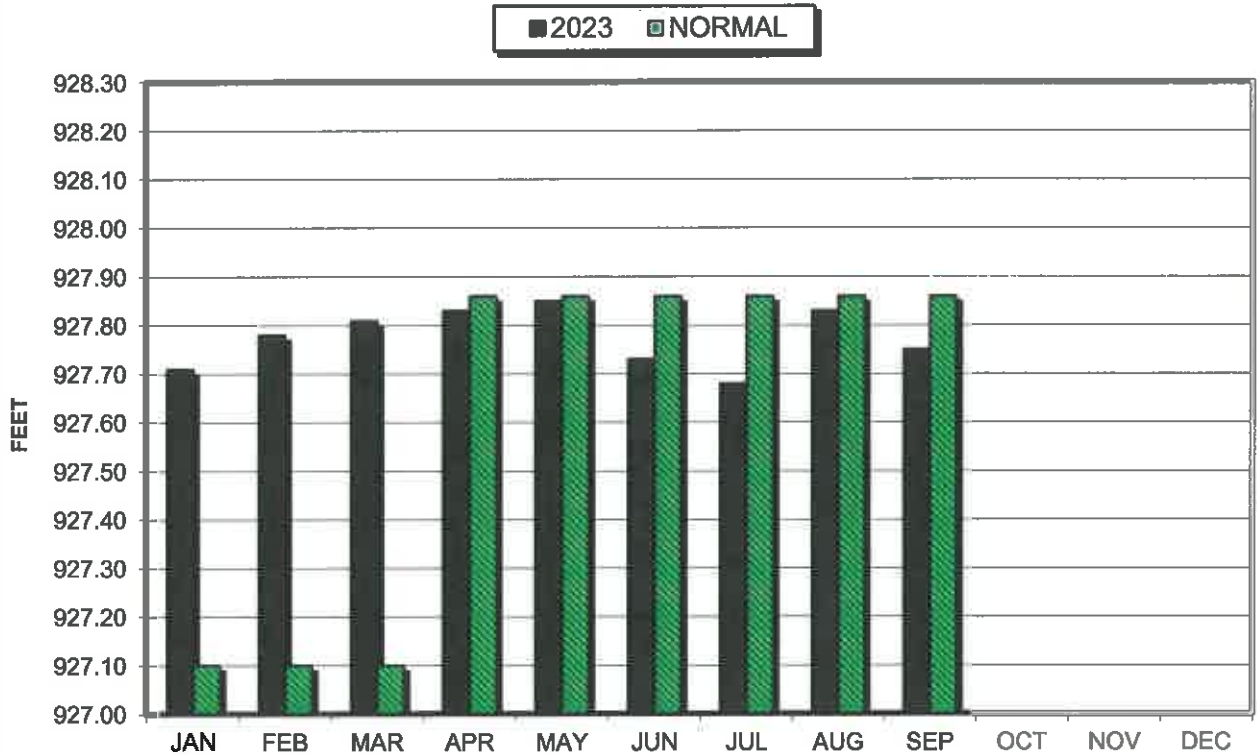
PRECIPITATION - DELAVAN LAKE, WI



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.	Month (In Inches)	Yr to Date (In Inches)			Average (In Feet)	Maximum (In Feet)	Month	YTD
2021												
JAN	1/21/21		38	-6	1.39	1.39	-	927.58	-	-	-	-
FEB			47	-15	1.45	2.84	-	927.50	-	-	-	-
MAR		3/18/21	65	9	1.54	4.38	-	927.67	-	-	-	-
APR			84	21	0.76	5.14	46	927.75	8.7	9	-	-
MAY			88	30	1.52	6.66	67	927.87	18.3	32.0	547	547
JUN			95	46	2.58	9.24	76	927.84	10.1	19.5	2495	3042
JUL			92	52	2.87	12.11	78	927.89	10.2	14.0	1800	4842
AUG			93	51	3.96	16.07	77	927.78	9.0	12.0	1910	6752
SEP			89	45	1.33	17.40	66	927.53	7.8	11.0	595	7347
OCT			87	29	4.78	22.18	67	927.55	9.3	11.0	59	7406
NOV			66	15	0.46	22.64	51	927.57	9.7	13	-	-
DEC			64	7	1.81	24.45	-	927.61	-	-	-	-
2022												
JAN	1/10/22		40	-18	0.63	0.63	-	927.72	-	-	-	-
FEB			49	-3	0.77	1.40	-	927.70	-	-	-	-
MAR		3/23/22	73	6	2.91	4.31	-	927.80	-	-	-	-
APR			81	24	5.05	9.36	42	927.88	20.0	20.0	387	387
MAY			91	33	2.42	11.78	62	927.90	12.7	20.0	2184	2571
JUN			98	47	2.21	13.99	74	927.87	9.7	13.0	1431	4002
JUL			90	52	2.98	16.97	79	927.68	8.7	10.0	1585	5587
AUG			92	52	4.28	21.25	79	927.60	6.6	9.0	305	5892
SEP			85	35	7.51	28.76	59	927.85	6.7	7.0	-	-
OCT			78	29	1.67	30.43	-	927.79	-	-	39	5931
NOV			75	9	1.23	31.66	51	927.77	12.3	15.0	-	-
DEC	12/19/22		56	-13	1.67	33.33	-	927.72	-	-	-	-
2023												
JAN			49	-14	1.67	1.67	-	927.71	-	-	-	-
FEB			51	-7	4.14	5.81	-	927.78	-	-	-	-
MAR		3/10/23	69	9	2.89	8.70	-	927.81	-	-	-	-
APR			82	26	3.87	12.57	49	927.83	8.0	9.0	-	-
MAY			91	35	1.45	14.02	62	927.85	21.8	38.0	855	855
JUN			92	43	1.22	15.24	70	927.73	9.6	17.0	1553	2408
JUL			92	53	3.67	18.91	75	927.68	6.0	8.0	1558	3966
AUG			97	44	1.88	20.79	76	927.83	7.3	10.0	1620	5586
SEP			93	42	3.78	24.57	68	927.75	8.7	12.0	854	6440