

**DEHAVAN LAKE SANITARY DISTRICT
ADMINISTRATOR'S REPORT
FEBRUARY ACTIVITY 2025**

ADMINISTRATION

Survey work scheduled for LS #7, LS #3, DLSD site.

Meetings with new owners of 3119 S Shore Dr. (LS #7 parcel) went well as they are working with the district's engineer and staff for the future project.

Property owners for the association involved with LS #3 will be meeting with staff in the late spring and have submitted written approval to work with the district on the future replacement of the lift station.

Weed harvesting equipment repairs are in progress to be ready for spring.

Staff servicing lift station pumps, filters and valves as well as wet well cleanings.

The temperatures are warm. Thin ice conditions in areas are unpredictable and some lakes have had people falling through. Caution is strongly advised this season.

Sewer crew is televising areas planned for road construction. A list of findings that need service will be put together.

The new generator for LS #7 is completed and ready to be delivered in March.

Villa Clare subdivision cancelled and put it in a holding pattern due to conflicts with DNR refusing to approve the sewer utility extension based on denial recommendations of SEWRPC, regardless if project met all Town, County, WalCoMet and DLSD approvals.

Shores of Delavan Phase 2 plans have been submitted for review.

The control panel parts are in for LS #9 and the panel is almost complete. Once complete 2022 service upgrades are completed.

SEWER SYSTEM OPERATIONS

Building Sewer Connections

New Connections for the Month - 2

Reconnections for the Month - 0

Disconnections for the Month - 0

Total Number of Structures Connected to Date - 3,143

Total ERU Count for the Month - 4,066

Operation and Maintenance

Average February Daily Wastewater Flow to WalCoMet – 460,921 gallons
Peak February Flow – 522,446 gallons
Diggers Requests Marked for the Month – 53
Emergency Call Outs – 2

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 February, 2025*
Average Daily Wastewater Flow comparison with Peak Flow
Precipitation comparison with “normal”
Wastewater Flow comparison with “normal”
Environmental Data Summary
Daily Lake Elevation for February, 2025
Lake Elevation comparison with “normal”

Lake Monitoring/Lake Level

Precipitation Total for the Month – .77 inches
Below Normal – .62 inches
Ice Off Date – February 27, 2024
Ice On Date – January 7, 2025

Secchi Disc Reading Main Lake – 12.0 feet 11/15/2024

See attached Lake Elevation Graph and Chart.

Lake Information

DNR Lake Level Goal – 927.86 feet
Average Lake Elevation – 927.76 feet

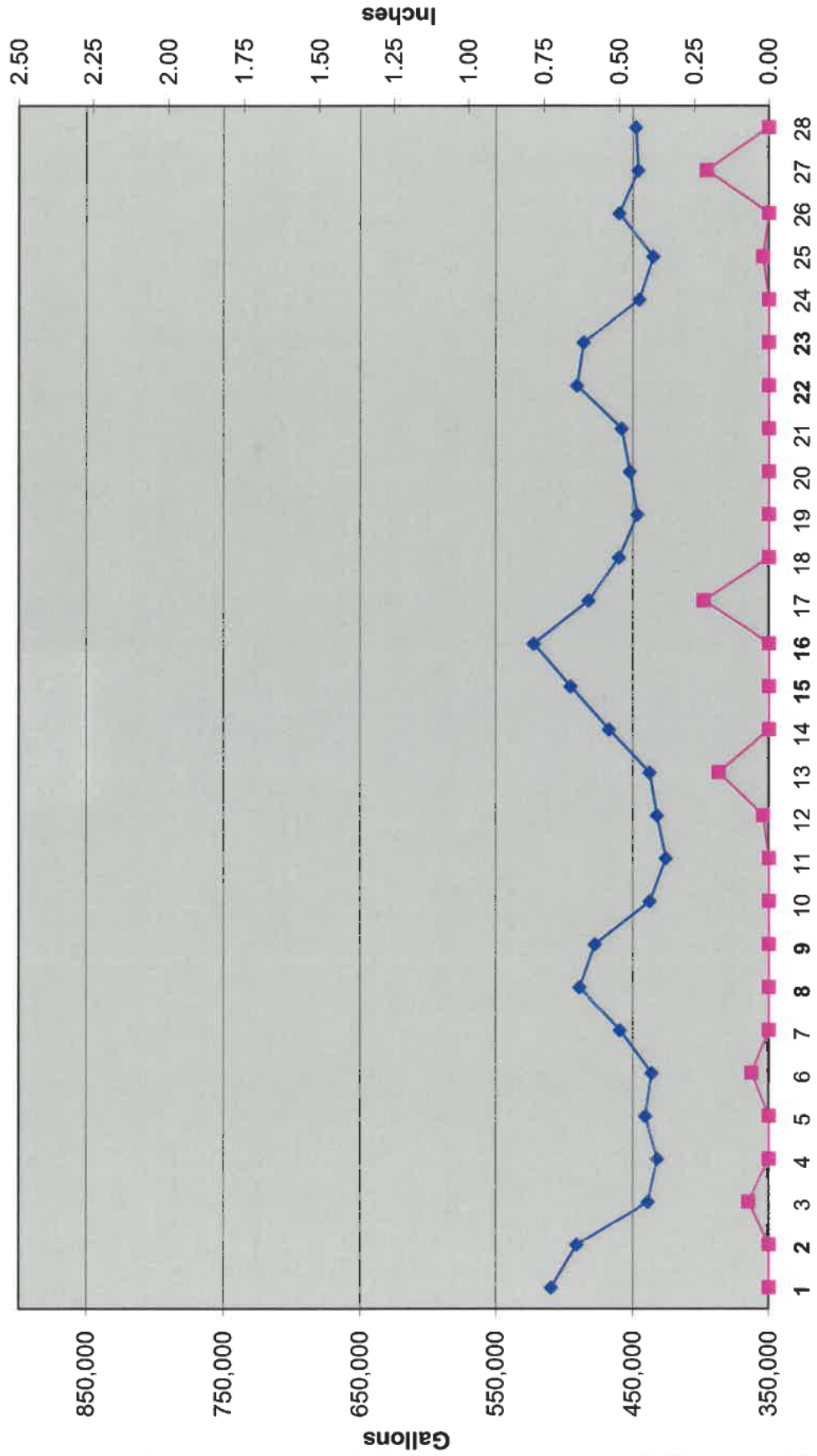
Lake Committee

The next meeting of the Lake Committee is scheduled for 7:00 P.M. on Wednesday, April 2, 2025 at the Town Hall.

Attachments

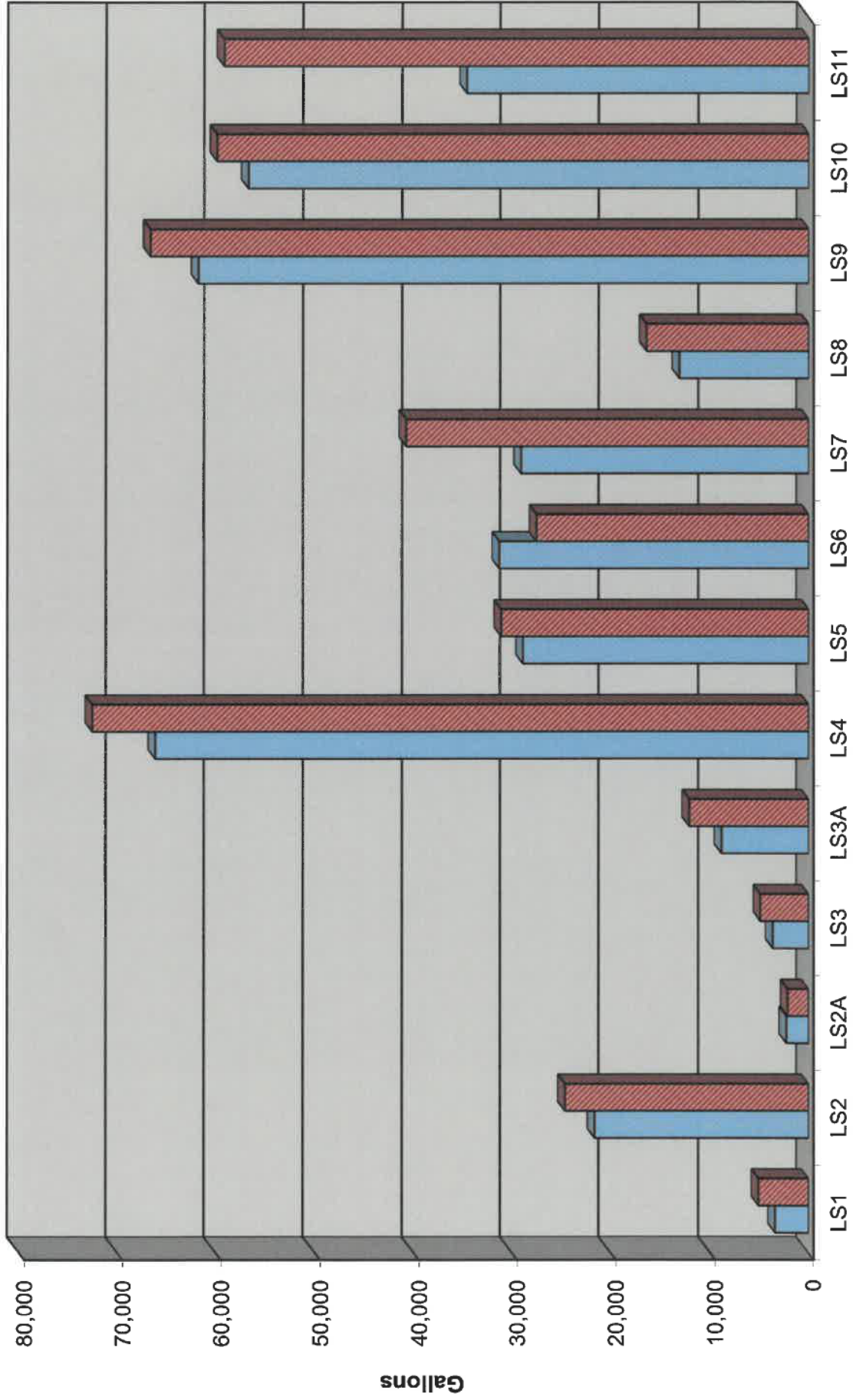
Wastewater Flow/Precipitation - February, 2025

◆ Wastewater Flow
 ■ Precipitation

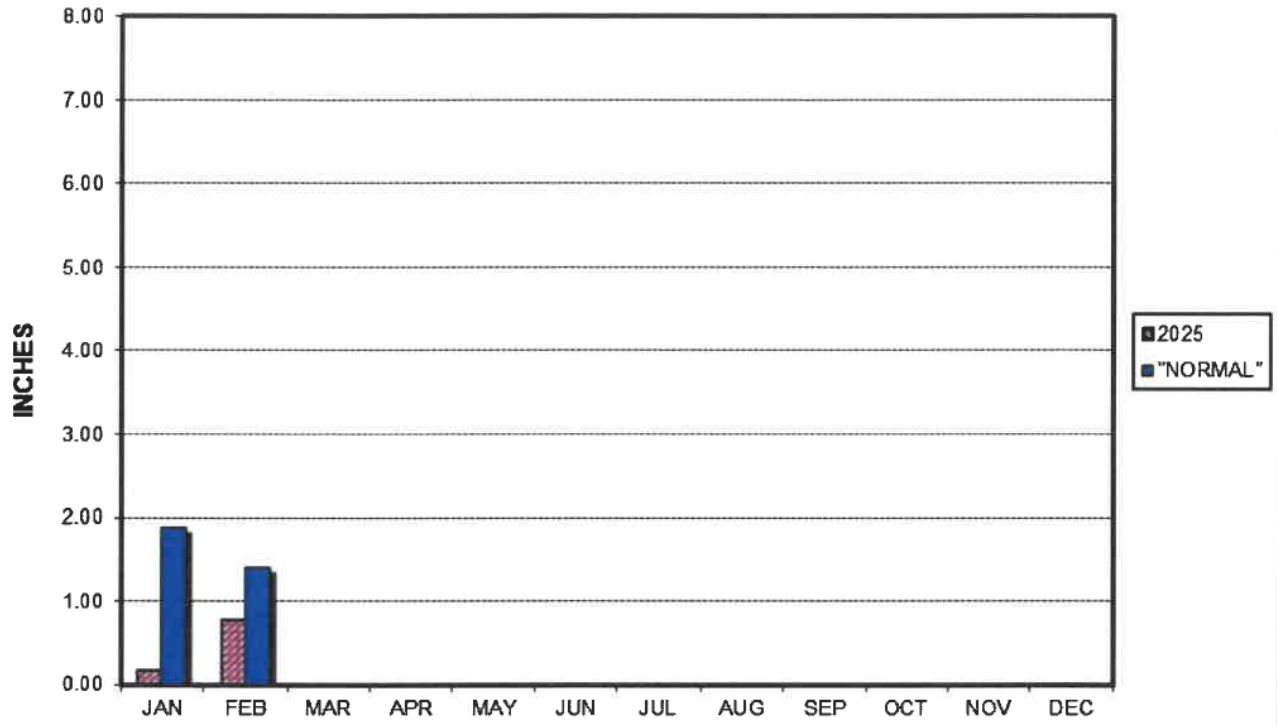


Average Daily Flow/Peak Flow by Area-February, 2025

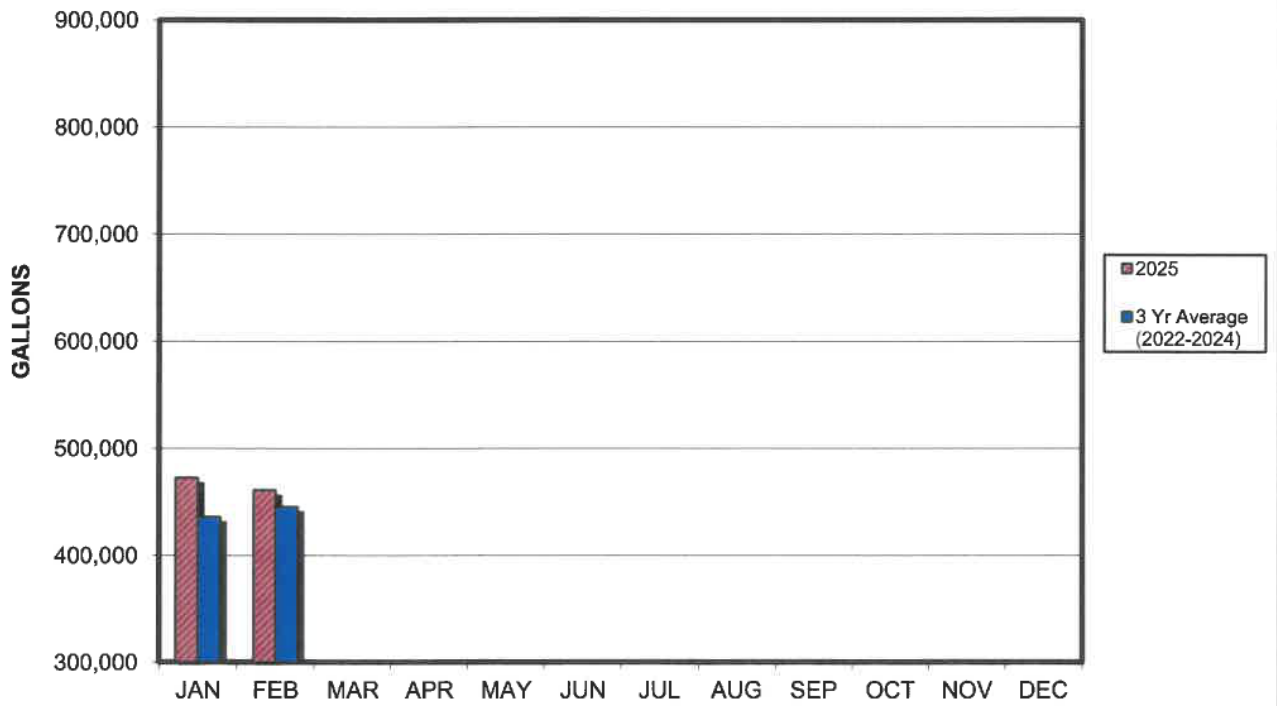
■ Average ■ Peak



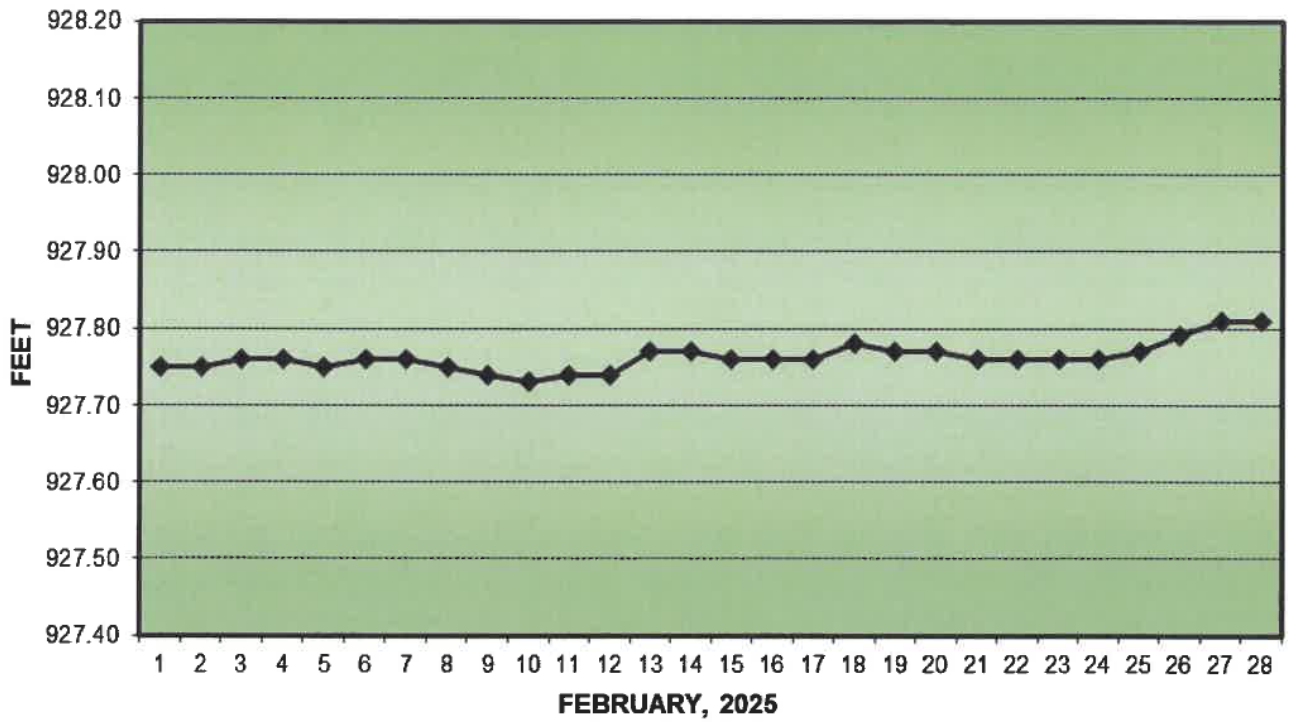
PRECIPITATION - DELAVAN LAKE, WI



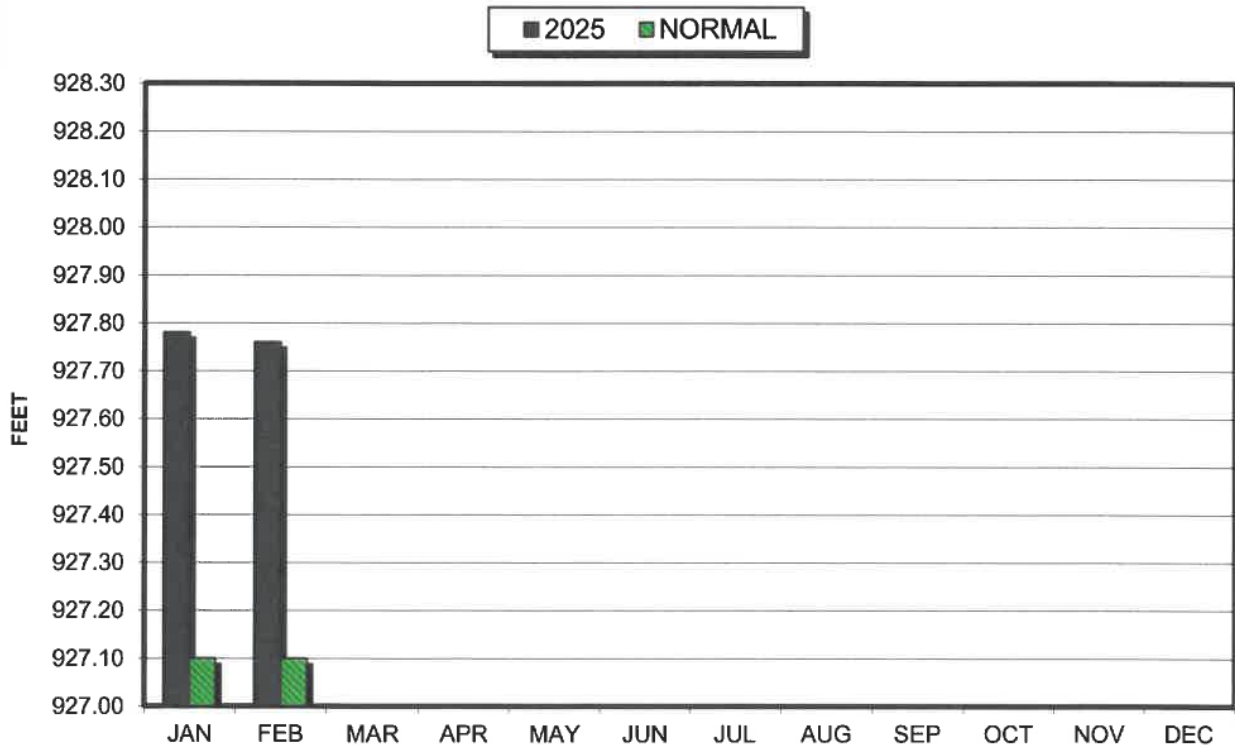
AVERAGE WASTEWATER FLOWS



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
2023													
JAN			49	-14	18	1.67	1.67	-	927.71	-	-	-	-
FEB			51	-7	22	4.14	5.81	-	927.78	-	-	-	-
MAR		3/10/23	69	9	39	2.89	8.70	-	927.81	-	-	-	-
APR			82	26	54	3.87	12.57	49	927.83	8.0	9.0	-	-
MAY			91	35	63	1.45	14.02	62	927.85	21.8	38.0	855	855
JUN			92	43	67	1.22	15.24	70	927.73	9.6	17.0	1553	2408
JUL			92	53	72	3.67	18.91	75	927.68	6.0	8.0	1558	3966
AUG			97	44	71	1.88	20.79	76	927.83	7.3	10.0	1620	5586
SEP			93	42	68	3.78	24.57	68	927.75	8.7	12.0	854	6440
OCT			86	24	55	3.01	27.58	-	927.89	-	-	146	6586
NOV			68	10	39	1.01	28.59	-	927.84	-	-	-	-
DEC			56	13	34	2.13	30.72	-	927.75	-	30.0	-	-
2024													
JAN	1/15/24		38	-16	11	2.36	2.36	-	927.72	-	-	-	-
FEB		2/27/24	74	10	42	0.44	2.80	-	927.78	-	-	-	-
MAR			72	22	47	5.31	8.11	-	927.88	-	-	-	-
APR			82	28	55	3.65	11.76	-	927.90	-	-	-	-
MAY			87	44	65	5.93	17.69	67	927.95	18.2	28.0	466	466
JUN			94	47	70	4.73	22.42	71	927.94	7.6	15.0	1476	1942
JUL			91	50	71	7.14	29.56	84	927.95	6.0	6.0	2035	3977
AUG			95	48	71	2.93	32.49	75	927.86	7.0	7.0	1692	5669
SEP			91	42	66	2.51	35.00	77	927.80	8.8	10.0	1769	7438
OCT			84	32	58	0.60	35.60	66	927.74	7.3	12.0	590	8028
NOV			65	12	39	2.24	37.84	-	927.83	12	12	-	-
DEC			54	-1	26	0.75	38.59	-	927.85	-	-	-	-
2025													
JAN	1/7/25		54	-12	21	0.16	0.16	-	927.78	-	-	-	-
FEB			55	-12	22	0.77	0.93	-	927.76	-	-	-	-