

Report to White Lake Town Board May 2023

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LIMNOSCIENCES

1. Rainfall and Lake Levels

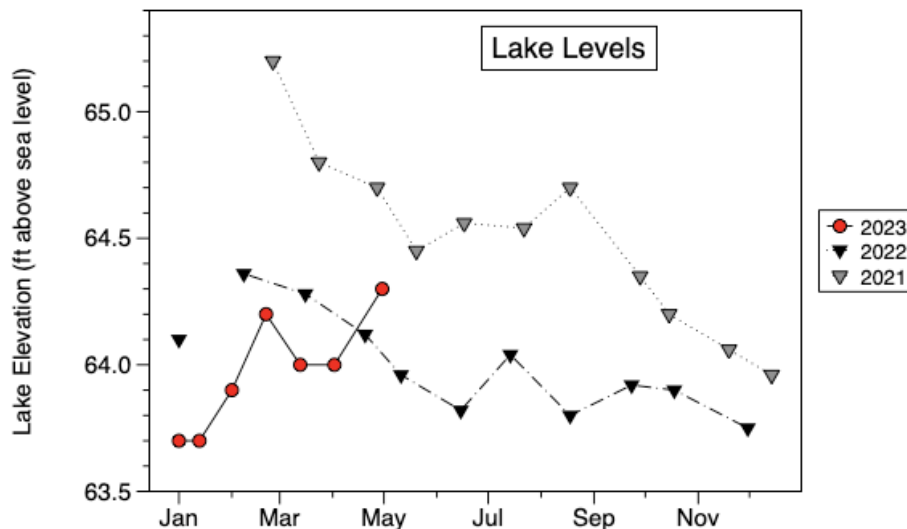
There were three good rain events in April, with the total for the month = 8.5 inches.

Monthly rainfall measured at the Town of White Lake wastewater treatment plant, with the long-term monthly average for Elizabethtown (right column).

Monthly Rainfall (inches) for White Lake 2012-2023

Month	2023	2022	2021	2020	2019	2018	2017	2016	2015	2013	2012	Monthly Average for Region
January	4.3	5.75	8.25	4.5	2.75	4.20	7.0	3.0	2.5	1.75	2.75	3.81
February	3.6	1.0	9.2	6.7	2.25	2.00	1.5	10.7	5.5	2.5	4.0	3.44
March	2.5	2.45	2.7	3.7	3.25	3.95	3.7	1.55	4.15	1.0	7.0	3.91
April	8.5	3.75	1.75	5.1	7.25	6.75	6.75	6.75	4.55	1.75	2.25	3.12
May		2.2	3.0	12.25	1.20	7.70	2.7	4.5	4.20	2.25	9.25	3.67
June		6.2	7.9	7.15	5.25	10.00	4.5	3.65	8.70	17.0	2.0	4.70
July		10.5	7.5	6.85	6.00	4.75	6.75	3.75	3.0	11.25	8.6	5.75
August		5.5	6.5	7.55	5.35	6.25	5.6	4.12	9.4	8.25	9.75	5.95
September		6.5	3.2	5.95	5.00	29.45	5.2	15.0	4.7	1.0	5.0	5.29
October		0.6	0.6	3.35	3.60	2.25	2.95	14.25	9.75	1.75	2.25	3.38
November		1.55	0.4	7.5	4.90	4.25	1.0	0.50	7.25	0	2.25	3.16
December		1.2	3.4	4.25	6.00	7.5	5.45	5.1	6.5	5.75	4.25	3.14
Total		47.2	54.4	74.85	52.80	89.05	53.1	72.87	70.20	54.25	59.35	49.32
% of Lake Volume		61.8	71	97	69	116	69	95	91	70	77	64

The lake level increased 3.6 inches in April.



2. White Lake Thursday Night Bass Tournament

This event was initiated on April 13, and is seeing increasing interest over time. Results from the 3 tournaments in April:

April 13: 13 boats, 23 people

7 bass > 3 lbs, 4 bass > 4 lbs, winner was 4.83 lbs.

April 20: 19 boats, 36 people

4 bass > 3 lbs, 4 bass > 4 lbs, 2 bass > 5 lbs, winner was 5.45 lbs.

April 27: 22 boats, 41 people

6 bass > 3 lbs, 4 bass > 4 lbs, winner was 4.85 lbs.