

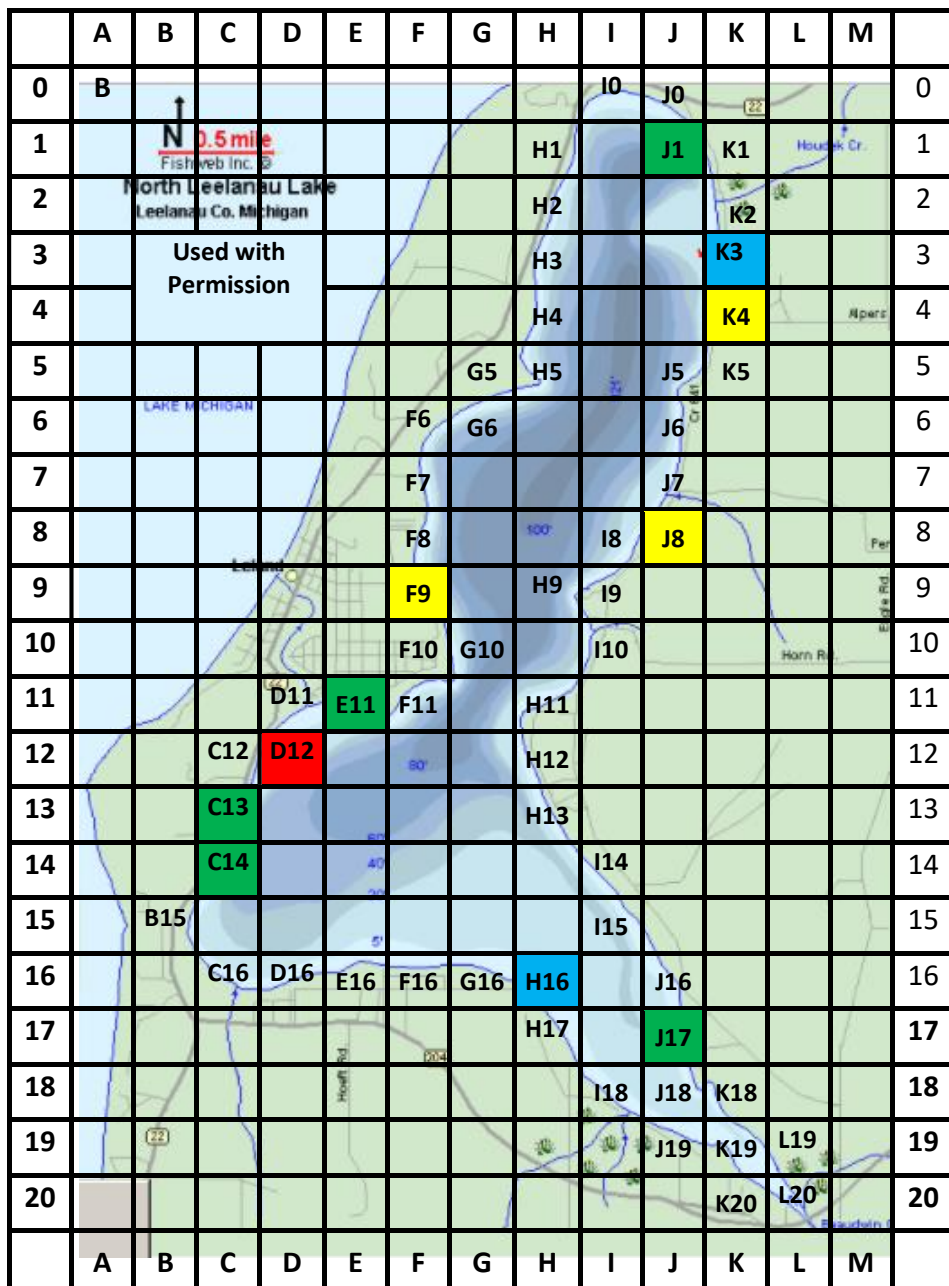
North Lake Leelanau Swimmers' Itch Reports Through 7-11-21

Key to # Cases in Each Quadrant			
1	2	3	4 or more

Swimmers' Itch Summary Statistics					
Lake	# Reports	# Cases	Worst severity from each report		
			Mild	Moderate	Severe
North Lake	22	86	1	17	4
South Lake	6	11	3	2	1

North Lake Familiar Locations

Schneiders Beach (H17); Leland-Chandler St (D11); Leland-4th St. (E11); Nedows Bay(F9); Celebration/Cemetery Pt. (H5); Suelzer Park (K3); Porter Landing Horn Rd End (J6), Wardens Pt (H11).



North Lake Leelanau Swimmers' Itch Report Through 7-11-21

Quadrant	Date	# Swimming	# w/ Itch	Severity	Comments
C13	07/04/2021	9	6	Severe	I reported my family's swimmer's itch cases a couple days ago, but have since discovered two more in our group who have swimmer's itch. Of 7 adults and 2 children who went swimming at the sandbar near M-22 south of the inlet to Leland, 5 adults and 1 child got swimmer's itch for a total of 6 of 8 people. 1 case was mild, 4 were moderate, and 1 is severe.
C14	07/04/2021	6	6	Moderate	In front of my house, while putting dock sections in. N. Manitou Trail
D12	6/12/2021	10	10	Moderate	Few houses down from the whaleback trail going away from the river.
D12	07/04/2021	3	3	Moderate	Sand bar by M22. We were in the boat and got out to wade in 3-4 depth spend most of the day there.
D12	06/12/2021	3	3	Moderate	Next to M22 in the sandbar. Anchored in 3-4 water. I reported July 4 recently too. The third person on both weekends were different. I notice for both weekends that I had very few bumps. Where the other two were covered. And the only thing I do differently is use Neutrogena SPF 70 my legs, the other two on both weekends did not use sin block on legs. Maybe the itch organism does not like sun block. But I have to admit that I am not allergic to poison ivy so maybe thats it
D12	07/04/2021	9	4	Moderate	Sand bar on north lake by M-22, between E Oxford Rd and the inlet to Leland.
E11	06/29/2021	4	1	Mild	One person was the only one walking on the bottom and stirring up the sand, etc. The others were just swimming. It was on her hands and legs.
F9	6/8/2021	3	3	Moderate	At home on juniper trail - kids playing in shallow water in the morning.
F9	07/04/2021	7	2	Moderate	Nedows bay and by the cemetery. With little kids, in shallow water most of the time.
F9	07/08/2021	4	4	Severe	Leland Yacht Club. Children as well as a number of instructors reported becoming infected during sailing school.

H16	6/15/2021	5	5	Moderate	We were anchored at the sandbar with our family. Three children, ages 13,11 and 8 got it the worst. They were in the water entire time, only exiting to towel off and leave. All of us toweled off briskly and still had many spots of swimmers itch.
H16	07/04/2021	6	6	Moderate	We were swimming in the shallow water of the sand bar. All 6 of us got swimmers itch. My son, husband and sister in law who were down in the water the most got it the worst. It was a very windy day and mid morning through lunch that we were there.
J1	06/23/2021	3	3	Moderate	Three kids age 8 through 10 swam early afternoon and were immediately itchy after swimming despite an immediate shower. One developed a rash immediately, the second by the next morning and third kid by later that day. Tons of large bumps/blisters and so itchy. 3 days later, still so itchy and spots not yet diminishing.
J17	07/03/2021	5	3	Moderate	They were floating in tubes.
J8	07/01/2021	3	3	Moderate	Stayed in waist deep water about 30 yards off shore
J8	07/01/2021	3	3	Moderate	North lake Leelanau. Stayed in waist deep water about 30 yards off shore
J8	07/04/2021	6	5	Moderate	North lake Leelanau
K3	6/13/2021	1	1	Moderate	Swimming with a wetsuit. Got a moderate amount in exposed areas
K3	07/05/2021	2	2	Severe	We parked at the township park and swam off the steps
K4	6/5/2021	10	6	Severe	At the second dock north of the rock wall- three adults putting dock in the water, 7 kids playing in the shallow water.
K4	6/12/2021	1	1	Moderate	I was not swimming, working on boat hoist. Stood in the water for approximately 30 minutes on 6/12/2021 and 6/13/2021. Thank you
K4	07/03/2021	6	6	Moderate	Off the dock- first dock north of the rock wall

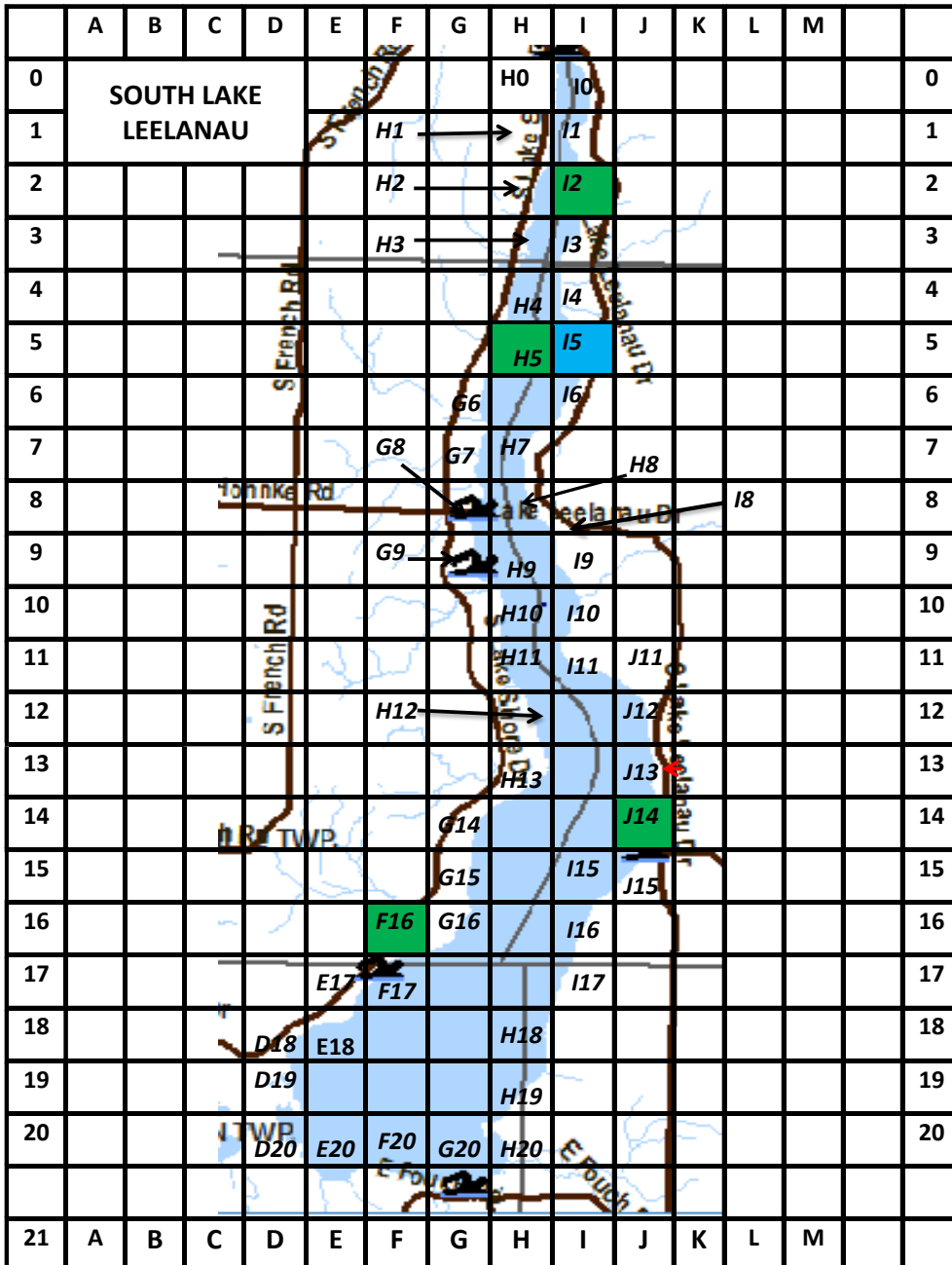
South Lake Leelanau Swimmers' Itch Reports Through 7-11-21

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South Lake Familiar Locations

L. Leelanau RV Pk (G6); Centerville Twp Pk-Honke Rd (G8); DNR Boat Ramp (G9); Kelenski Pt (H13); Leelanau Pines CG (G16); Solon Twp Pk (F17); Perrins Landing (G20); Bingham Twp Park (J14); Merbert Crk. Mouth (I10); Fountain Pt. (I1); DNR Boat Ramp S of Hwy 204 (I0)



South Lake Leelanau Swimmers' Itch Reports Through 7-11-21

Quadrant	Date	# Swimming	# w/ Itch	Severity	Comments
H5	06/10/2021	1	1	Mild	West shore next to farm (cows) mid morning near shoreline moving rocks around.
I2	06/08/2021	2	2	Mild	We were wading at our shore, adjusting our dock and launching jet skis.
I5	06/05/2021	3	2	Moderate	End of Sandy Ridge Road.
I5	06/18/2021	5	4	Severe	Sandy Ridge road.... Putting in a dock
J14	07/03/2021	8	1	Mild	Bingham Township Park
F16	06/28/2021	2	1	Moderate	On the border of quadrant 16 and 17.