



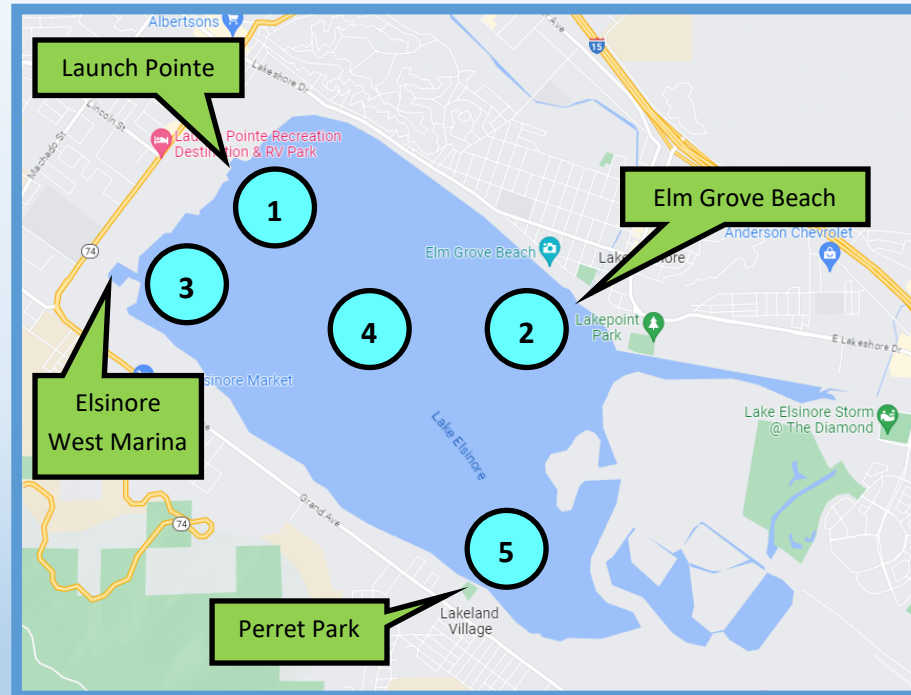
LAKE WATCH

CURRENT LAKEWIDE ADVISORY STATUS:

NO ADVISORY AT THIS TIME

Harmful Algae Blooms can be highly mobile in a waterbody and may or may not be visible. As a result, lake users should always practice healthy water habits:

- Avoid algae and scum in the water and on shore
- Keep an eye on children and pets
- If you think a HAB is present, do not let pets and other animals go into or drink the water, or eat scum and algal accumulations on the shore
- Don't drink the water or use it for cooking
- Wash yourself, your family, and your pets with clean water after water play



	1	2	3	4	5
Sample Date	Launch Pointe	Elm Grove Beach	Elsinore West Marina	Center of Lake	Perret Park
7/1/24	3.6	3.9	ND	3.0	3.8
7/17/24	0.90	0.97	1.65	0.81	2.49
8/1/24	8.42	0.85	1.24	0.84	0.74
8/13/24	1.07	1.08	2.28	0.97	0.98
8/27/24	0.94	1.05	0.97	0.82	0.95
9/10/24*	0.47	0.71	0.59	0.48	0.43
9/26/24	0.62	0.60	0.69	0.48	0.71
10/10/24	0.58	0.79	0.97	0.70	0.56
10/24/24*	0.49	0.40	0.50	0.65	0.57
11/13/24	0.57	0.51	0.55	0.52	ND
11/20/24	0.58	0.65	0.59	0.63	0.61
12/5/24	0.60	0.62	0.65	0.56	0.74
1/15/25	0.39	0.45	0.59	0.47	0.44

*Samples arrived at lab out of quality control temperature range
 ND= Non-detectable (<.0.30 ug/L)

No Advisory (0.79 ppb or lower)
Caution Advisory (0.80 ppb to 5.99 ppb)
Warning Advisory (6 ppb to 19.99 ppb)
Danger Advisory (20 ppb or higher)

Lake Water Testing for Harmful Algae

- ◆ The City of Lake Elsinore contracts with [WSP Environment & Infrastructure](#) for testing of microcystin, the most prevalent form of harmful algae cyanotoxin in Lake Elsinore.
- ◆ WSP scientists collect, prepare, and ship samples via overnight delivery to [Greenwater Lab](#) in Florida. Samples are collected at three or more sites around the lake. Results are typically received within 3-5 business days and are shared with the [California State HAB Monitoring Program](#).
- ◆ Testing is conducted weekly when a Danger Advisory is in effect, bi-weekly when a Warning or Caution Advisory is in effect, and monthly when no advisory is in effect. HABs can be highly mobile in a waterbody, so always follow [healthy water habits](#).
- ◆ Microcystin levels are measured in ng/mL, or parts per billion (ppb). Results from testing events conducted during the current algae bloom are displayed on the map and in the table with thresholds and advisory protocols displayed above. Lakewide advisory is based on the highest level of all sampling locations.
- ◆ Two consecutive results with reduced levels of toxins are required to lower an advisory. A single test result with increased levels of toxins will raise the advisory level.

Lake Level (Elevation in Feet) & Water Temperature

Current Surface Water Temp: 54°F

Reference Lake Levels

- Min. Preferred Operating Level: **1240'**
- Outflow Channel Level: **1255'**
- Back Basin Overflow: **1262'**
- Levee Elevation: **1265'**

Current	1245.32
3 Months Ago	1245.8
6 Months Ago	1247.5
1 Year Ago	1243.1
30-year High	1259' (Mar 1995)
30-year Low	1232' (Oct 2016)