

Independent Safety Officer Pre-Event Report **6/27/2023**

Great Lakes LSC Open Water Championships
Illinois, Iowa, Michigan, Minnesota, Wisconsin
Sanction #WI2023-256OW
Lake Andrea, Pleasant Prairie Wisconsin
Thursday, June 29th, 2023

Summary:

1. The potential for rain and possible thunderstorms continues to slowly increase daily.
2. Air quality at 2:16 PM today is in the Unhealthy range. Earlier this morning it was in the Very Unhealthy range.
3. Air quality 6/28 is projected to be in the Unhealthy Range.
4. Air quality 6/29, day of competition, is projected to be in the moderate range.
5. Action Plan based on the Air Quality Index and recommendations from airnow.gov:
See table titled "Air Quality Guide for Particle Pollution (as from Wildfires) and ISO Recommendations Regarding the Open Water Competition".
6. The possibility of delays or cancellation due to weather/air quality exists.
7. Another update will be provided Wednesday, June 27, 2023, on receipt of the water quality testing results, probably about midafternoon.

I. **6/27/2023 Weather Forecast for Competition on 6/29/2023**

Sunset 8:33 PM

Time	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500
Temp °F	63	64	66	69	73	76	78	79	80	81	81
Heat Index	---	---	---	---	---	76	78	79	82	83	83
Wind (mph/direction)	7/SE	8/SE	8/SE	9/SE	10/S	10/S	10/S	9/SE	9/SE	9/SE	9/E
Sky Cover (%)	46	45	45	46	47	48	48	48	48	46	43
Precip. Potential (%)	59	59	34	34	34	34	34	34	31	31	31
Relative Humidity (%)	93	90	87	81	73	69	64	62	60	58	58
Rain	Lkly	Lkly	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc
Thunder	Chc	Chc	SChc	SChc	SChc	Chc	Chc	Chc	Chc	Chc	Chc

Time	1600	1700	1800	1900	2000	2100	2200	2300
Temp °F	80	79	78	76	74	71	69	68
Heat Index	82	79	78	76	---	---	---	---
Wind (mph/Direction)	9/SE	9/SE	8/E	8/E	7/E	6/E	6/E	6/E
Sky Cover (%)	41	42	43	44	46	47	48	52
Precip. Potential (%)	31	31	31	30	30	30	30	30

Relative Humidity (%)	60	62	64	69	74	81	87	90
Rain	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc
Thunder	Chc	Chc	Chc	Chc	Chc	Chc	Chc	Chc

II. Air Quality Due to Canadian Wildfires

- a. Air quality and ozone due to Canadian wildfires is tracked via airnow.gov and the National Weather Service, www.weather.gov.
- b. Air quality today, June 27, is in the unhealthy, or red zone.
- c. Recommendations for red zone:
 - i. **People with heart or lung disease, older adults, children, and teens** – take any of these steps to reduce your exposure:
 - Avoid strenuous outdoor activities.
 - Keep outdoor activities short.
 - Consider moving physical activities indoors or rescheduling them.
 - ii. **Everyone else** – take any of these steps to reduce your exposure:
 - Choose less strenuous activities (like walking instead of running) so you don't breathe as hard.
 - Shorten the amount of time you are active outdoors.
 - Be active outdoors when the air quality is better.
- d. **Air quality for 6/28 is projected to be the same.**
- e. **Air quality for 6/29 is projected to be in the yellow zone by the time of the Open Water events.**
- f. Recommendations for yellow zone:
 - i. Unusually sensitive people: Consider making outdoor activities shorter and less intense. Watch for symptoms such as coughing or shortness of breath. These are signs to take it easier.
 - ii. Everyone else: It's a good day to be active outside.
- g. Action Plan based on the Air Quality Index and recommendations from airnow.gov: See table titled "Air Quality Guide for Particle Pollution (as from Wildfires) and ISO Recommendations Regarding the Open Water Competition".
- h. **Will continue to monitor air quality via airnow.gov.**

III. Safety Plan Items Confirmed 6/25/2032

	Clinic 6/15
Lifeguards (kayaks)	8
Electric boats	4
Internal Combustion boats	1
Lifeguard boat	2
Dive and Rescue/EMS team	Emergency call

Respectfully submitted, George Geanon, Independent Safety Officer, 6/27/2023