## Climate Change is continuing to accelerate, impacts as well.

https://www.ucsusa.org/resources/global-warming-midwest

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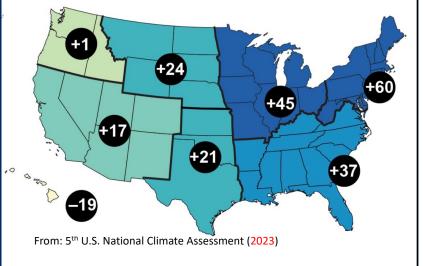
**Twitter:** @GreatLakesPeck

Warming drives many of the impacts we're seeing

Including an intensified hydrological cycle that can yield increases in:

- Extreme Rainfall
- Flooding

% falling in heaviest 1% of events



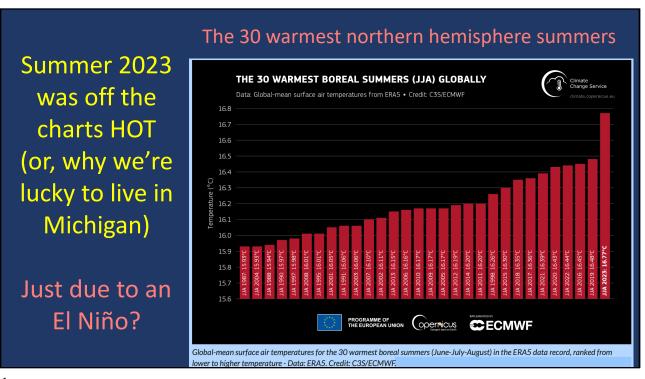
#### USA Today - March 4, 2023

USA TODAY

And more severe drying/drought in the West Water crisis in West has prompted desperate ideas: Drain the Great Lakes, desalinate ocean water

**TREVOR HUGHES** | USA TODAY Updated 10:57 am EST Mar. 4, 2023

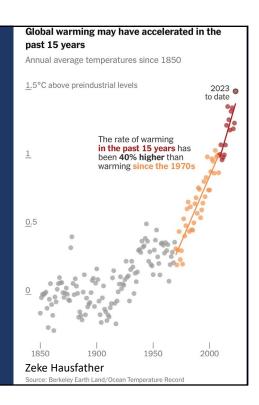
(Desperate people do desperate things...)



Scientist love to debate – and it depends on the data set you're using

Though everyone agrees there was a big acceleration in global surface air temperature after the 1970's

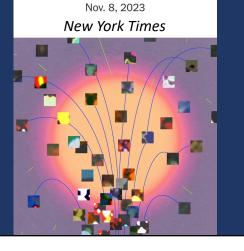
New York Times 10/13/23

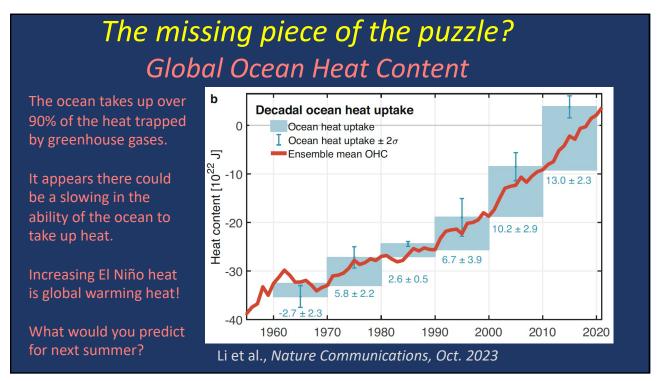


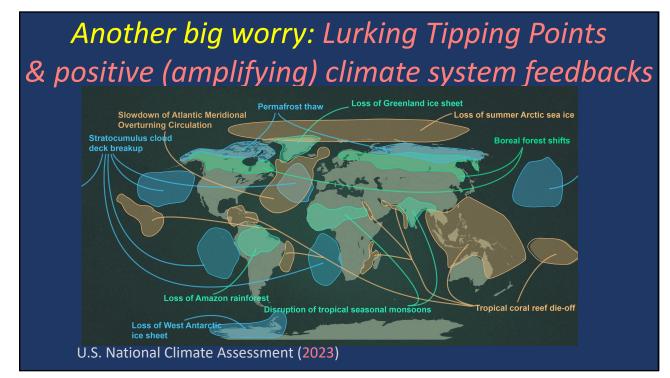
"It is, James Hansen says, worse than you think"

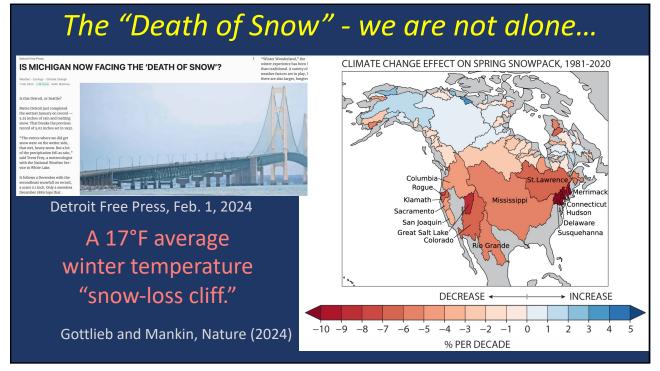
"We would be damned fools and bad scientists if we didn't expect an acceleration of global warming"

# The Godfather of Climate Science Turns Up the Heat









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### Conclusions...

Climate Change: is it getting worse? Yes! (it's not just the rate of change, but the rate of resultant suffering)

#### Is it too late to save the day? No

Take away? We need to move faster than ever, in Michigan, across the U.S., and around the globe – note that it's potentially a MASSIVE economic engine if the Great Lakes can lead.



