Climate Change is continuing to accelerate, impacts as well.

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

Jonathan T. Overpeck Samuel A. Graham Dean William B. Stapp Collegiate Professor School for Environment and Sustainability University of Michigan







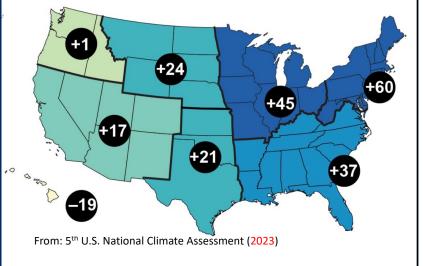
Twitter: @GreatLakesPeck

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



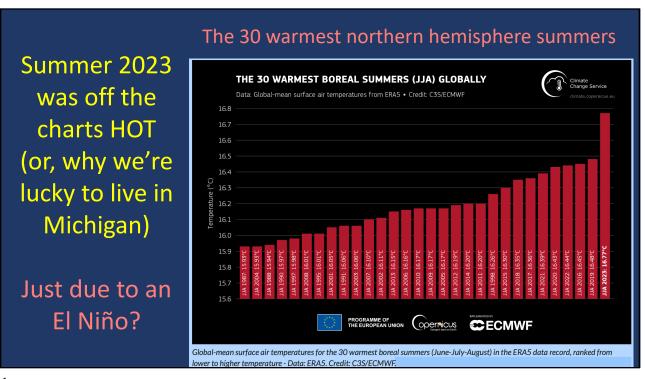
USA Today - March 4, 2023

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

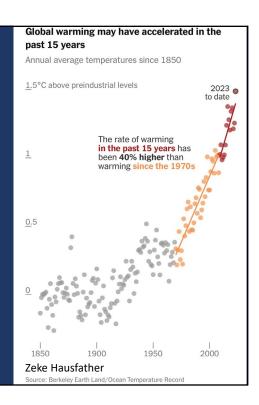
(Desperate people do desperate things...)



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

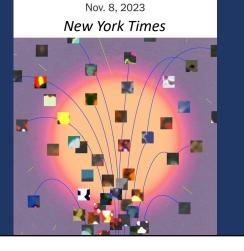
New York Times 10/13/23

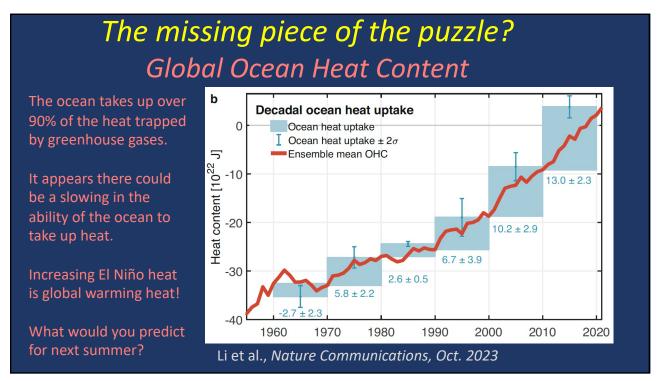


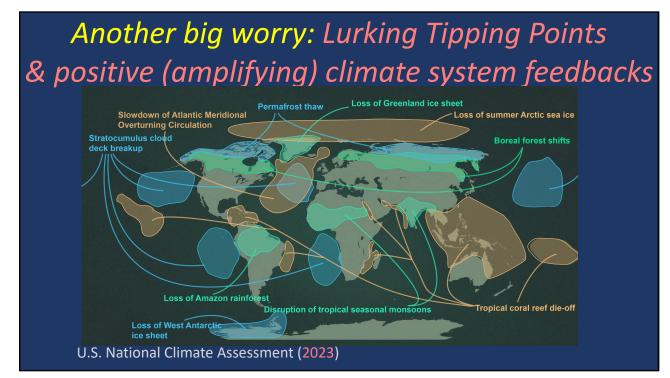
"It is, James Hansen says, worse than you think"

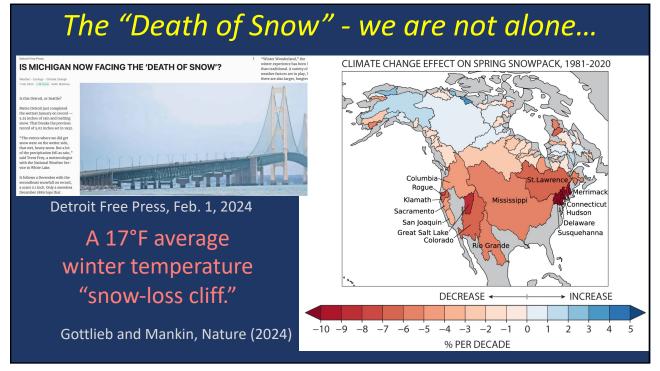
"We would be damned fools and bad scientists if we didn't expect an acceleration of global warming"

The Godfather of Climate Science Turns Up the Heat









9

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.



