

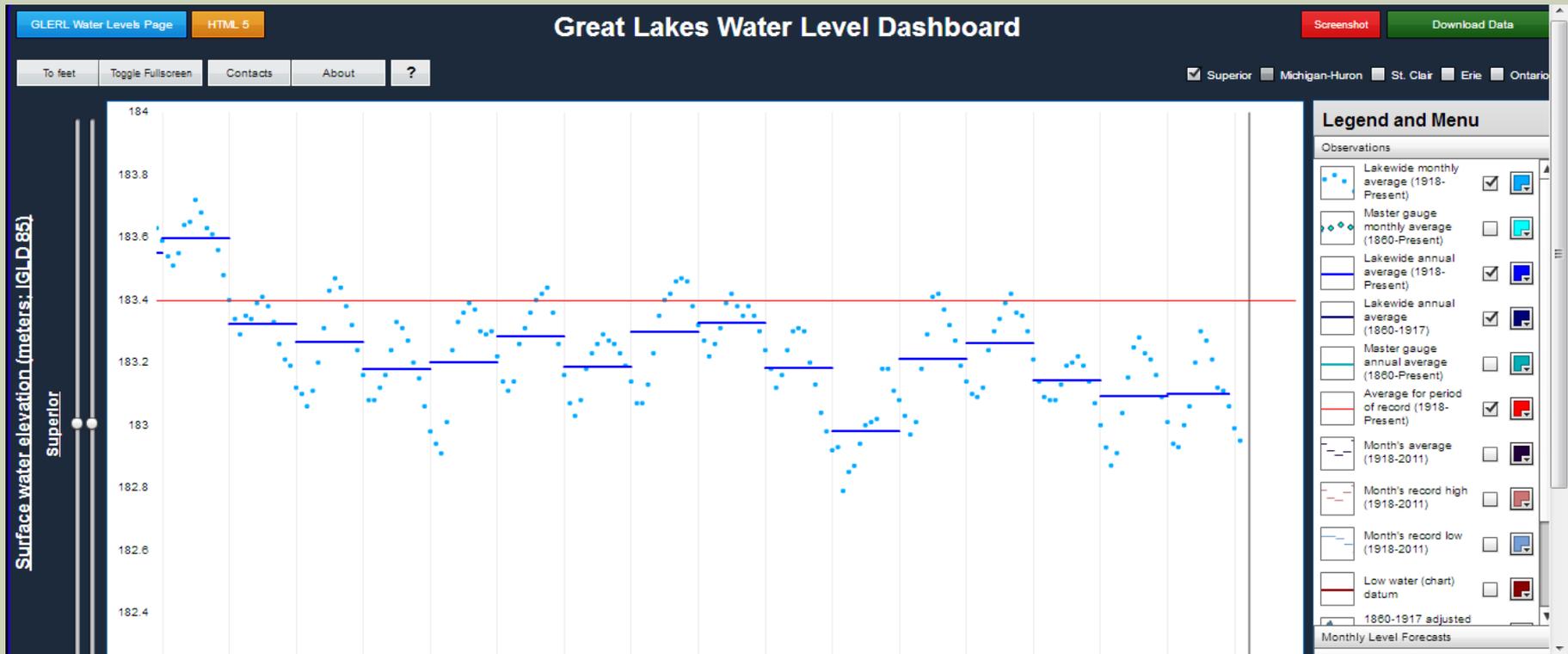
NOAA / SEA GRANT PRODUCTS AND SERVICES



Brent Schleck
MN Sea Grant



NOAA PRODUCTS AND SERVICES



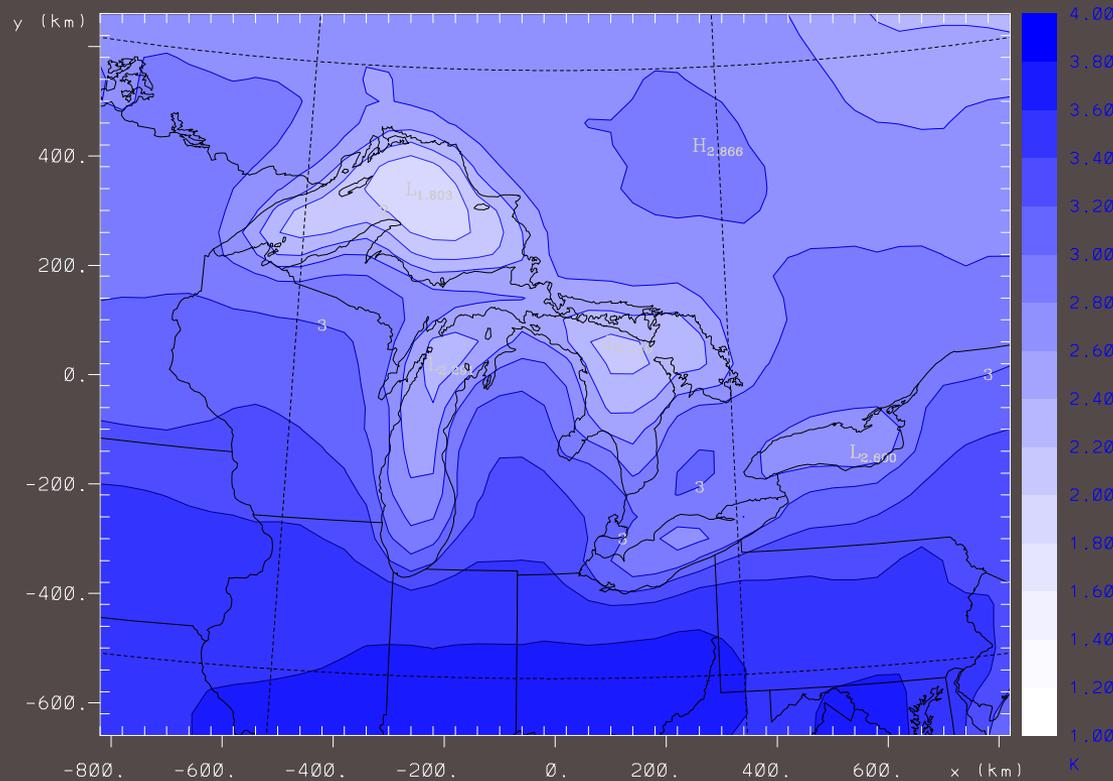
<http://www.glerl.noaa.gov/data/now/wlevels/dbd/>
Drew.Gronewold@noaa.gov

Near-surface Air Temperature, June-July-August, 2046 minus 1975

CLIMATE
RESEARCH/
SCIENCE

NOAA POC:
Brent Lofgren
GLERL

Brent.Lofgren@noaa.gov



GL Test Run		grid 1			
z = 47.7 m	2043-06-01-0000.00 UTC	min	max	inc	lab*
contours	potential temp (K)	1.803	3.802	0.2000	1e 0

Sentinel Site: Pokegama Bay

★ Water Quality station

▲ Weather station

● SETs

— Vegetation



**Dr. Glenn
Gutenspergen and
Patrick, USGS
Joe Ripley, UWS**

CLIMATE DATA

Drought Information

U.S. Drought Monitor

May 14, 2013
V0817 v.0.0.01

U.S. Drought Monitor

Legend:
 D0 Abnormally Dry
 D1 Drought - Moderate
 D2 Drought - Severe
 D3 Drought - Extreme
 D4 Drought - Exceptional

Released Thursday, May 16, 2013
Author: Rich Tinker, NOAA/NWS/NCEP/CPD

U.S. Seasonal Drought Outlook

U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period
Valid for May 16 - August 31, 2013
Released May 16, 2013

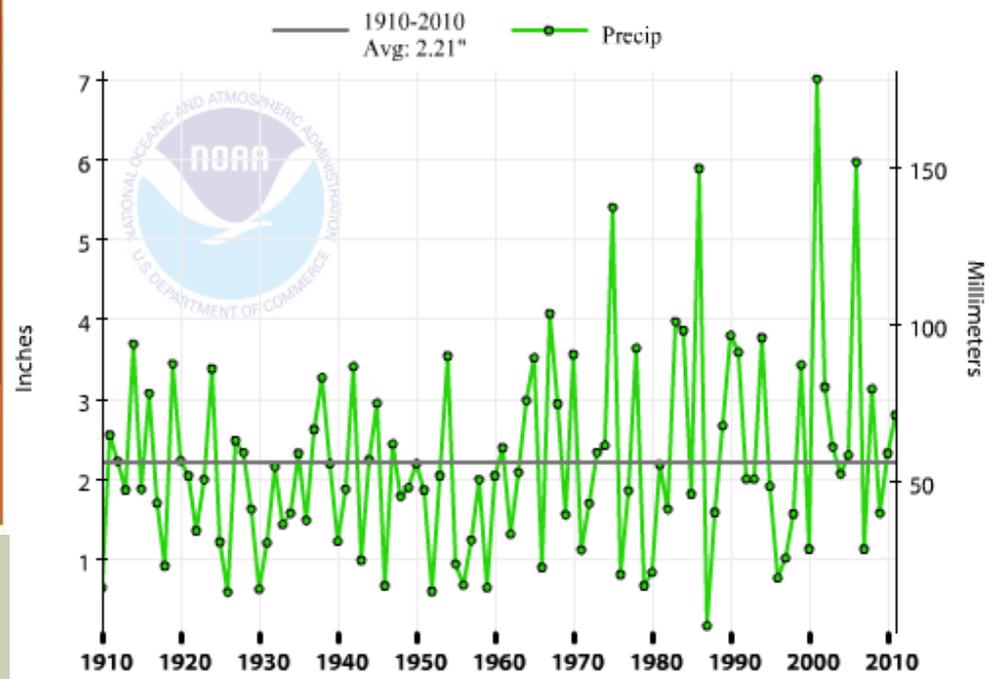
KEY:

- Drought to persist or intensify
- Drought ongoing, some improvement
- Drought likely to improve, impacts ease
- Drought development likely

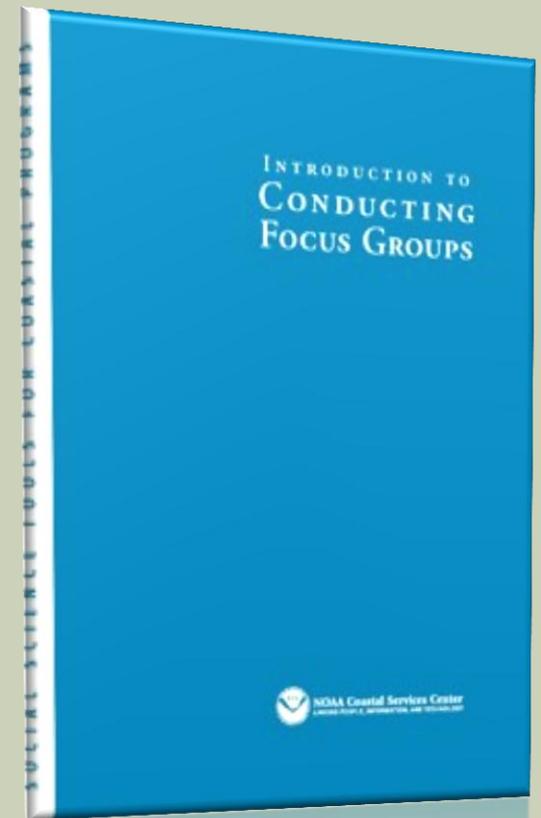
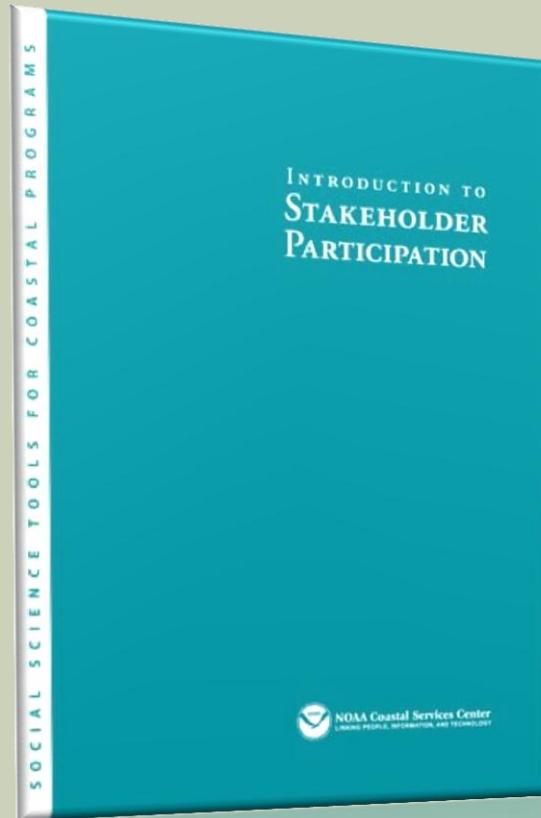
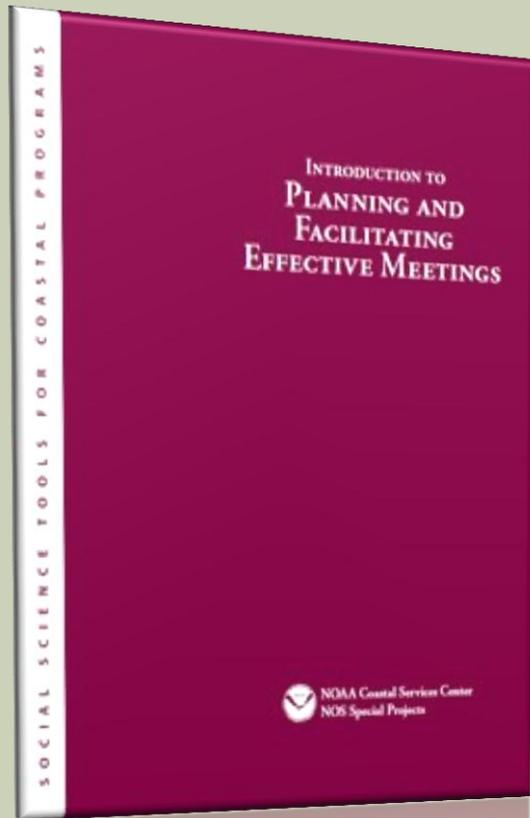
Click on the title or the graphic (above) to access the U.S. Seasonal Drought Outlook

[PDF Version of Graphic](#)

Minneapolis-St. Paul, Minnesota, Precipitation, April



COMMUNICATION!

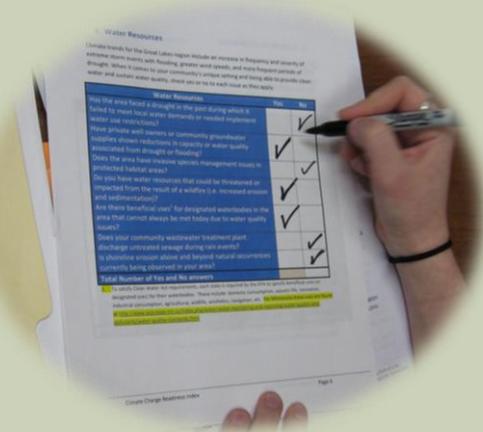


SEA GRANT RESOURCES

**A Self-Assessment
to Address
Climate Change
Readiness in Your
Community**

**Great Lakes Region
Lake Superior**

- **Community
Readiness Self
Assessment**

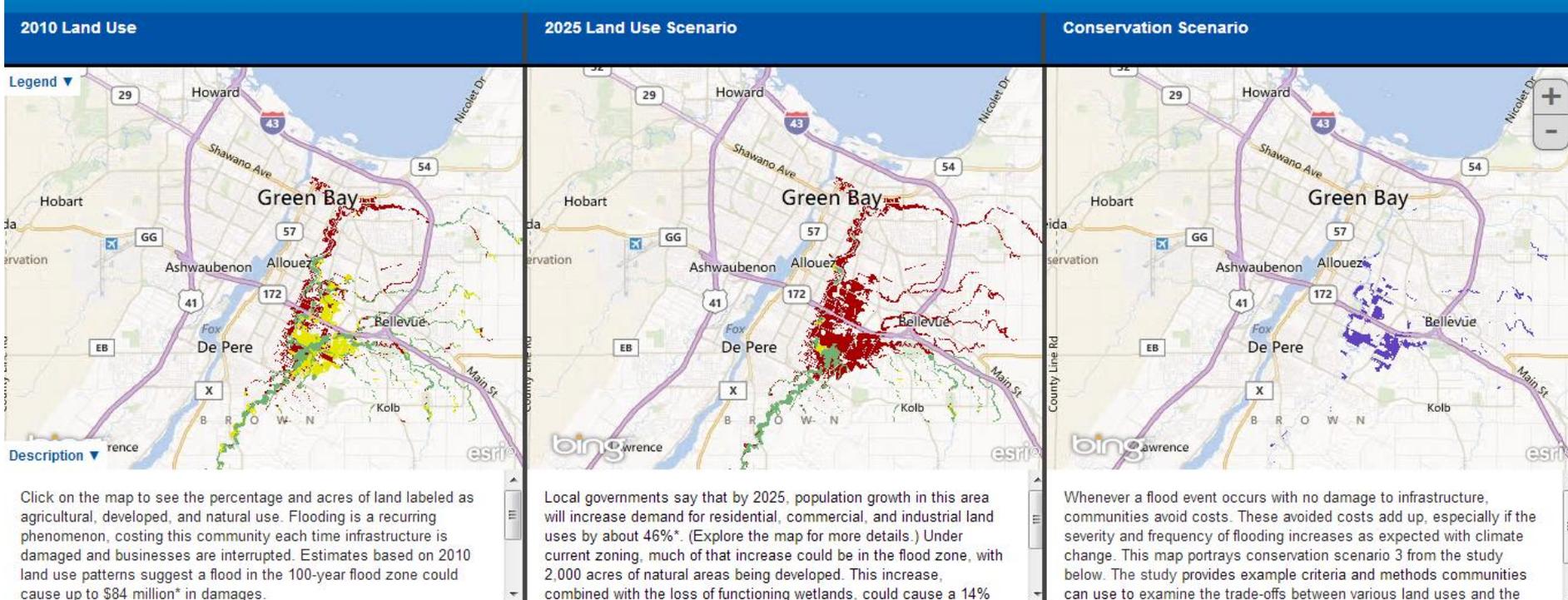


- **Hilarie Sorensen
MN Sea Grant**

GREEN INFRASTRUCTURE AND ECONOMIC IMPACTS

Land Use Scenarios in Brown County's East River Flood Zone

Explore how protecting open spaces can improve community resilience



GREAT LAKES COASTAL RESILIENCE GUIDE



GREATLAKESRESILIENCE.ORG

[Home](#) / [About](#) / [Help](#) / [Contact](#)



[Case Studies](#)

[Climate & Environment](#)

[Local Stories](#)

[Maps & Data](#)

[Library](#)

[Stakeholders](#)

[Events & Funding](#)



In This Guide (Beta Version)...

Find hazards and climate change resources that Great Lakes counties and municipalities can use to communicate coastal issues and inform existing and future land use, infrastructure, and natural resource plans and policies to enhance community resiliency. Read more...

Hazard & Climate Case Studies

View science-based case studies across key planning and management areas to learn about data, tools, methods, and policies that local governments are using to help make their communities more resilient.

Land Use & Zoning



Plan, Manage, Communicate

Communicating the Risk of Coastal Flooding
Green Bay, Brown County, Wisconsin

Habitat & Environment



Conserve, Restore, Protect

Identifying Restorable Wetlands and Riparian Buffers
Sheboygan County, Wisconsin

Infrastructure



Assess, Plan, Maintain

Economic Valuation of Port Infrastructure
Duluth, Minnesota

Funding Opportunities & Deadlines



Healing Our Waters (HOW) - Climate Grant Program
Freshwater Future
Funding Amount: \$500 to \$5,000
Deadline: Tuesday, June 3, 2014 - 12:00pm



The Fred A. and Barbara M. Erb Family Foundation
The Erb Family Foundation
Funding Amount: Varies
Deadline: Ongoing opportunity



ASFPM 2013 Annual Conference
Connecticut Convention Center
June 9, 2013 - 8:00am to June 14, 2013 - 2:00pm



Coastal Climate Adaptation & Resilience Workshop
Owens Community College Toledo Area Campus
June 19, 2013 - 8:00am

NOAA'S COASTAL STORMS PROGRAM

- Capacity
 - Two Great Lakes Coordinators
- Funding
 - Small Grants: Fall 2013
- Focus
 - Beach hazards
 - Stormwater
 - Shoreline change
 - Observations



THANK YOU!

**BRENT SCHLECK
BRENT.SCHLECK@NOAA.GOV**