

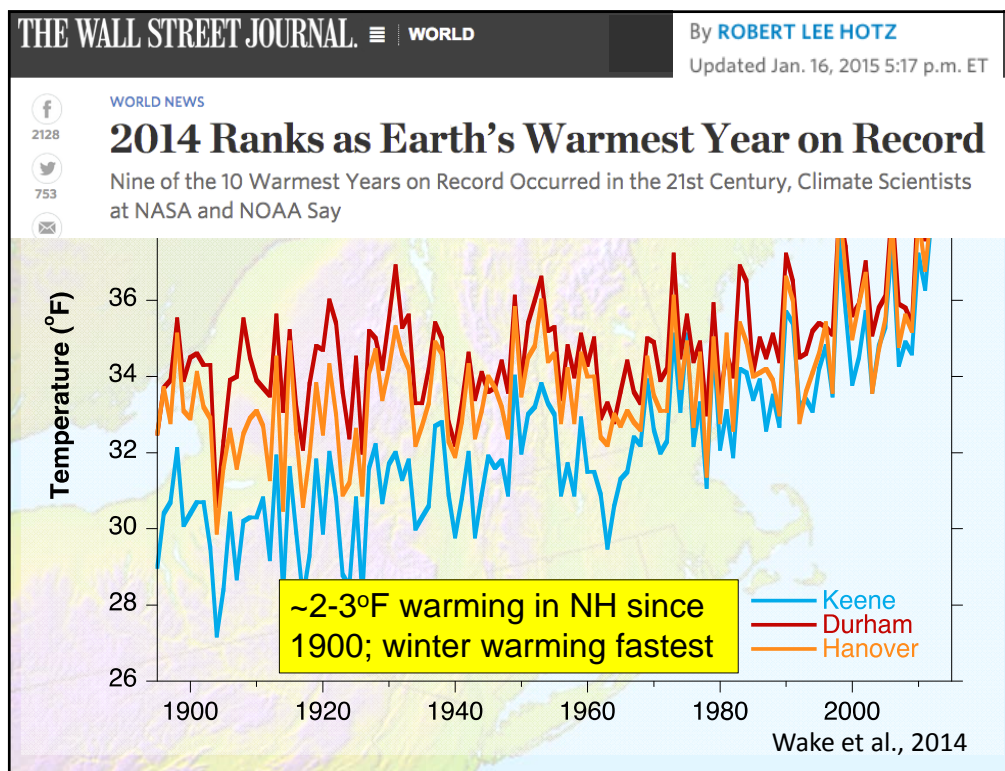
Is Your Business Resilient to Climate Change?

Dr. Erich C. Osterberg

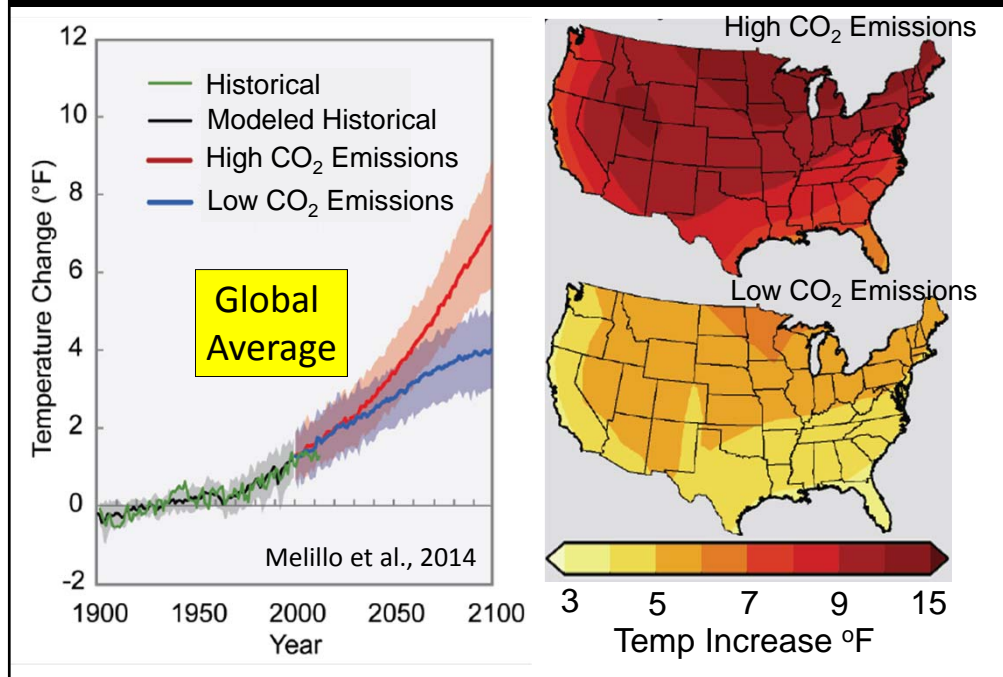
Dartmouth College Department of Earth Sciences

Erich.C.Osterberg@dartmouth.edu

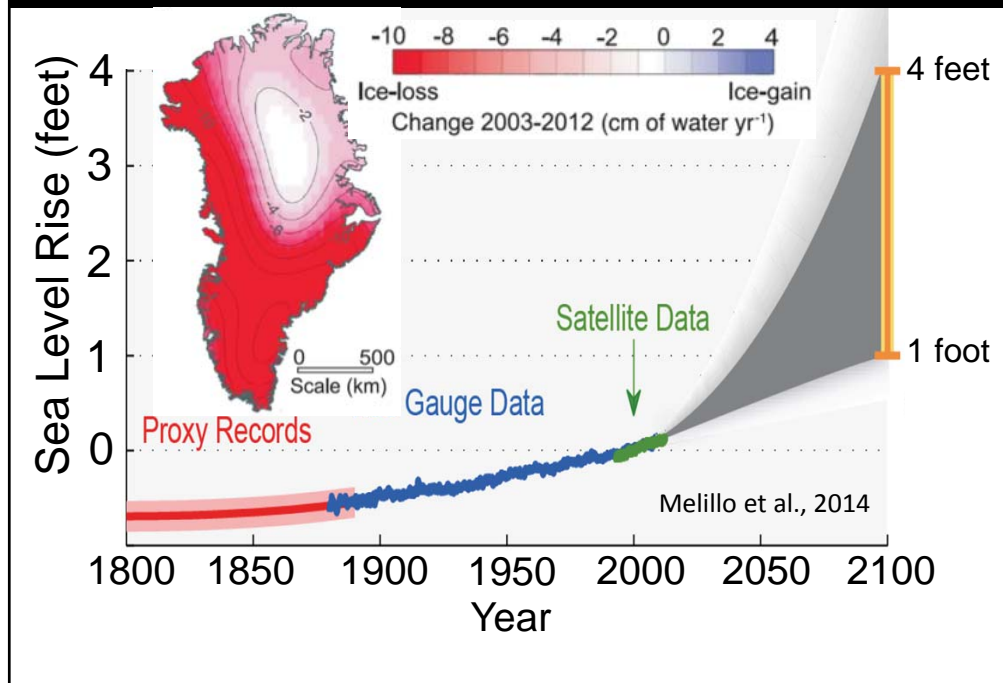
Twitter: @BigGreenClimate



NE's Future: Temperatures 5-9+ °F Warmer by 2100

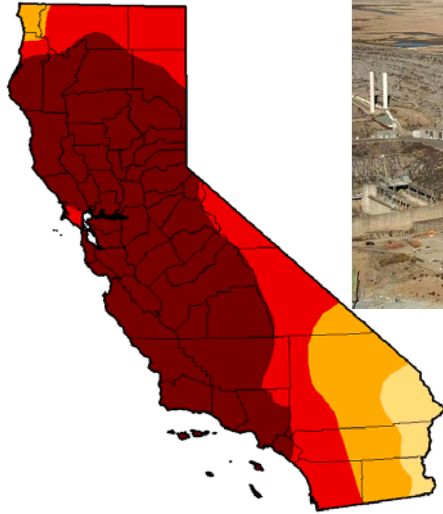


Our Future: 1-4 Feet of Sea Level Rise by 2100

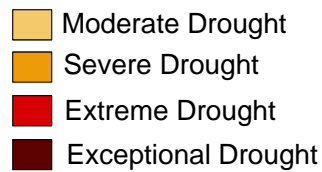


Our Future: More Drought in the SW USA

2014
CA Drought



Folsom Lake Reservoir, CA: 2014

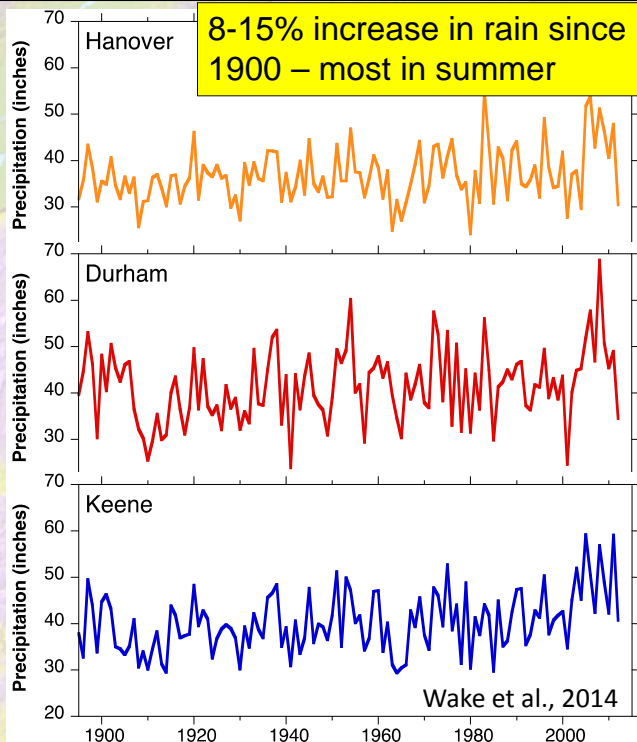


New England Is Getting Wetter

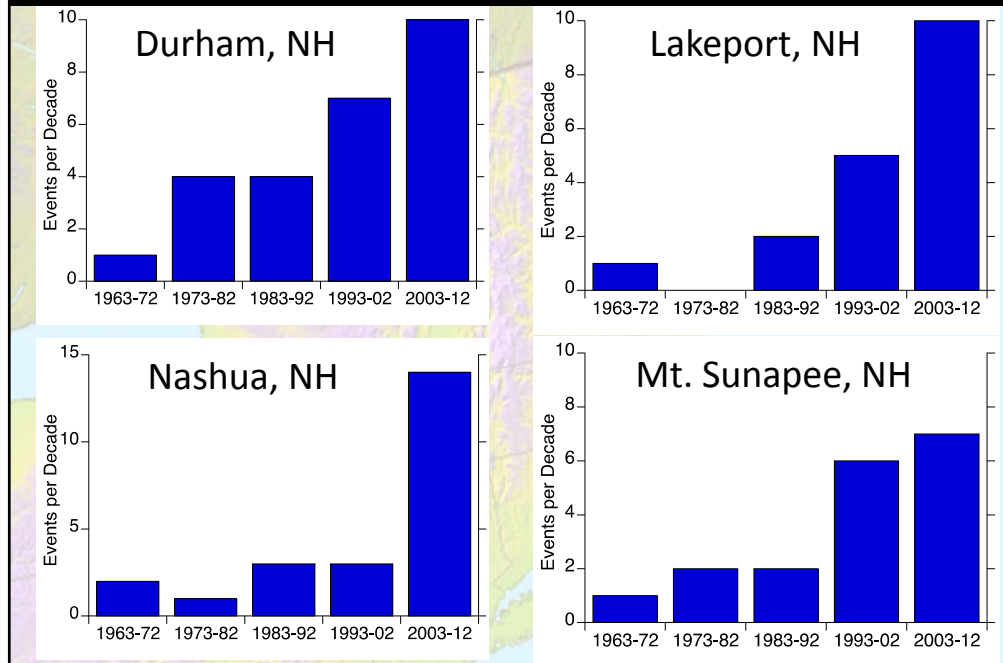
Southern NH
Annual Precipitation
1895 – 2012

Monthly data from US
Historical Climatology Network

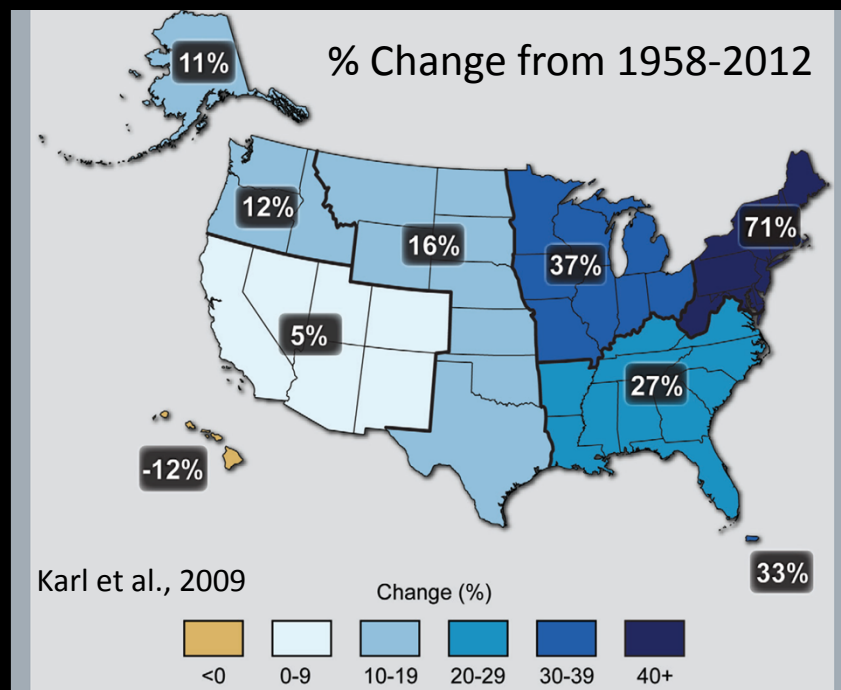
~20% increase
in rain expected
by 2100



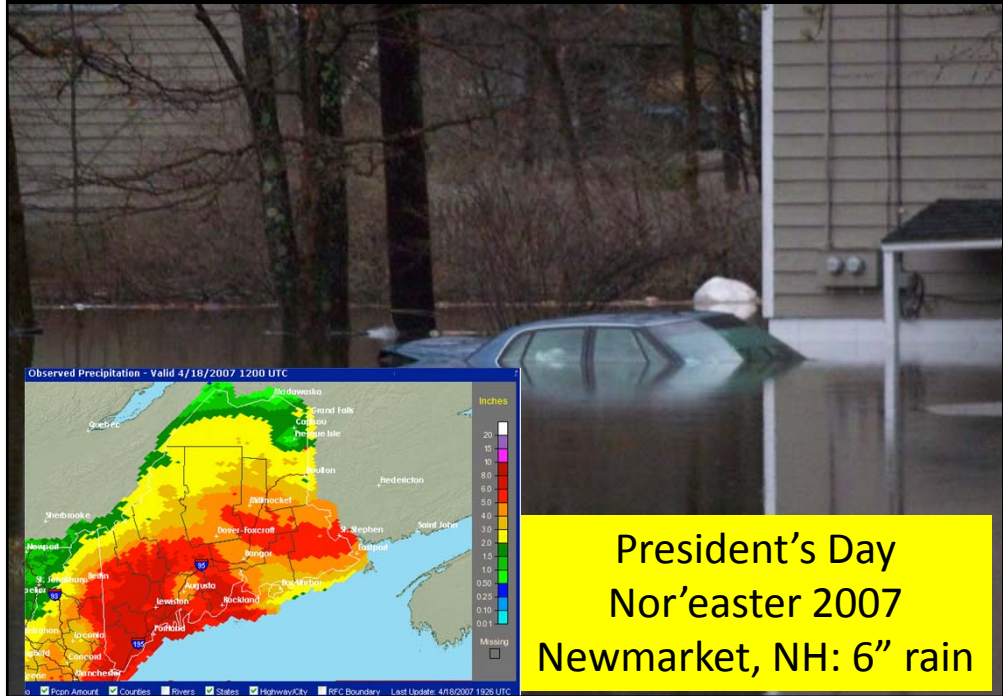
Extreme Rainfall Events are Becoming More Frequent (Extreme is >4" in 48 Hours) Wake et al., 2014



Observed Changes in Very Heavy Rainfall

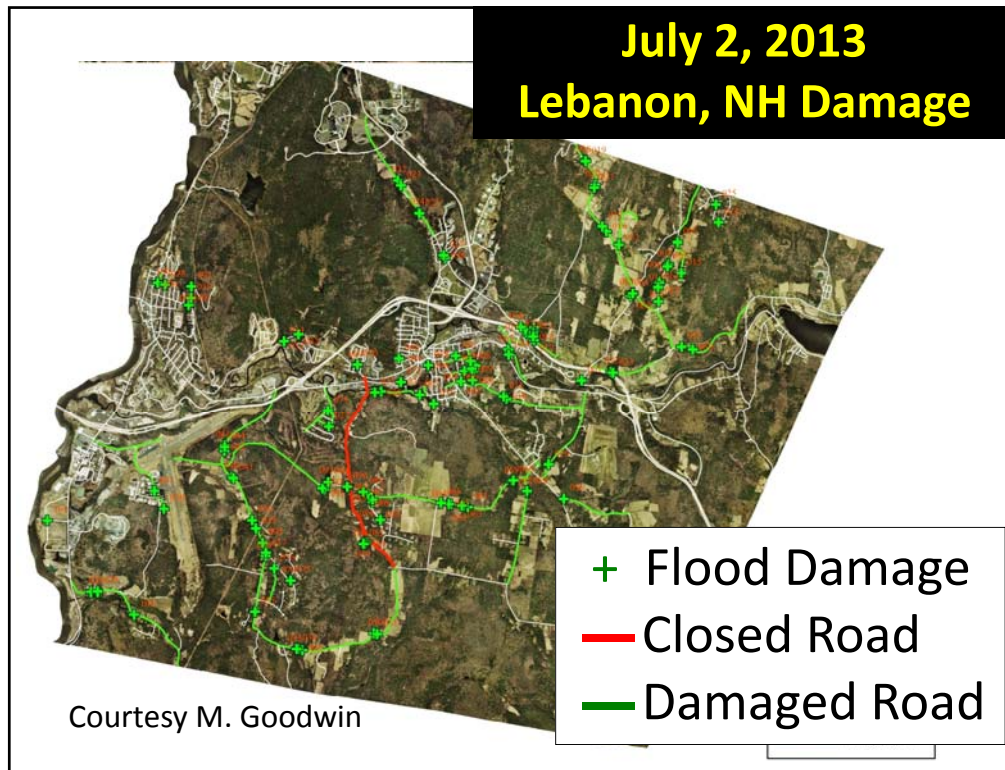


Is Your Business Ready for the Next Storm?



Slayton Hill Rd – July 2, 2013 Thunderstorms





Hurricane Irene: August, 2011

\$800 Million in NH & VT



Federal Expenditures on Presidentially Declared Disasters & Emergency Declarations in NH

