

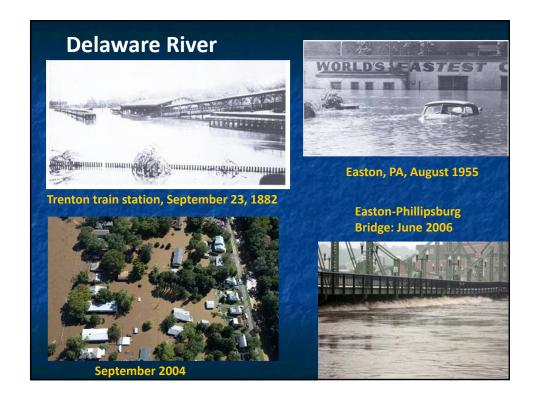
Easton, PA September 21, 2010

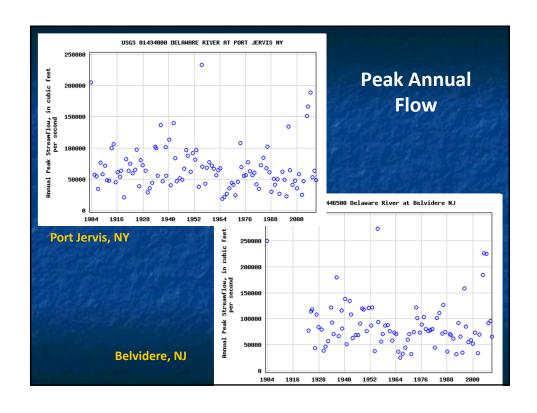


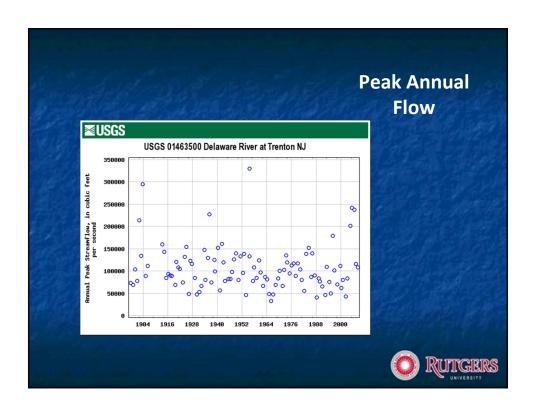




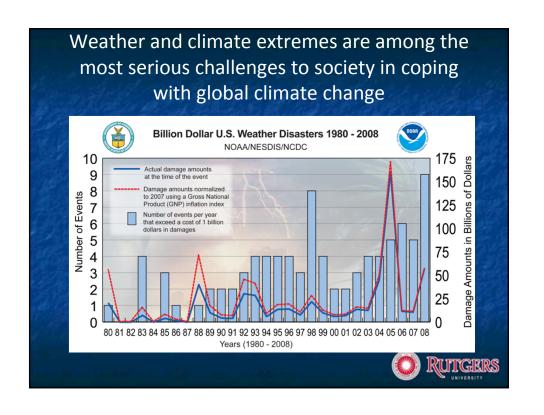


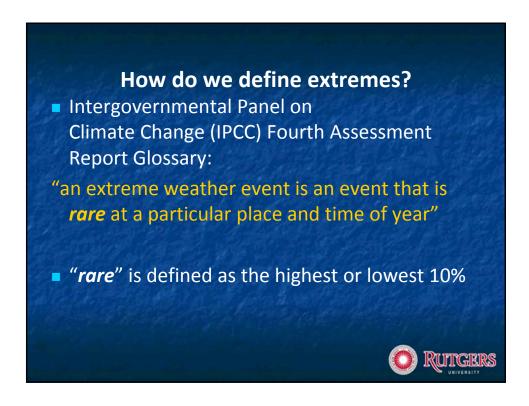


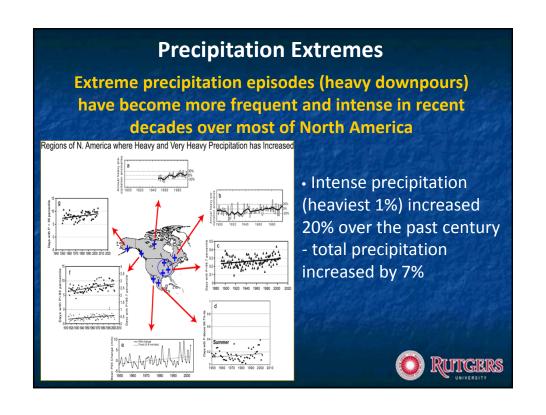








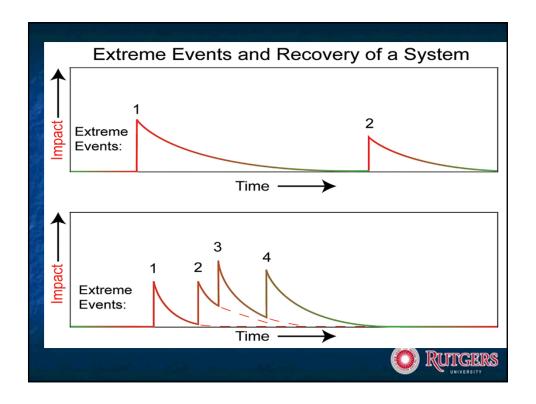


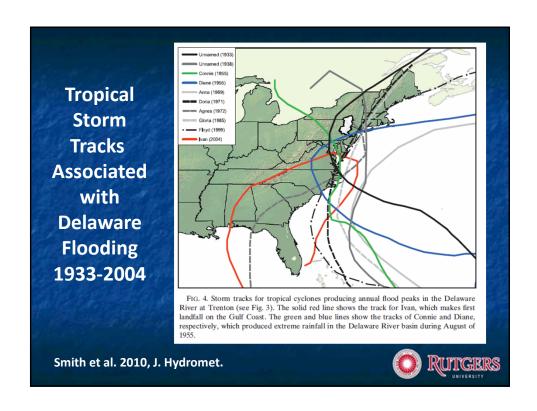


Multiple and Compound Extreme Events

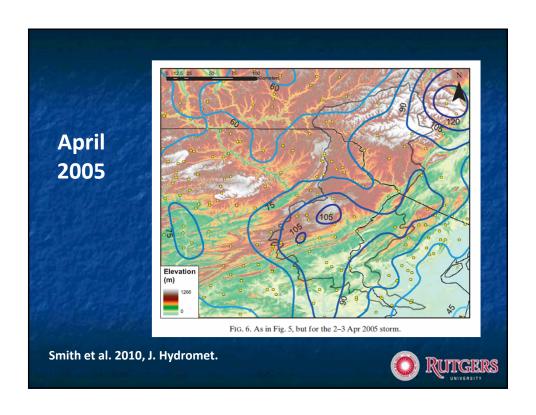
- Multiple events: when additional events occur before a system has fully recovered.
- Compound events: when two or more events occur simultaneously in the same location.

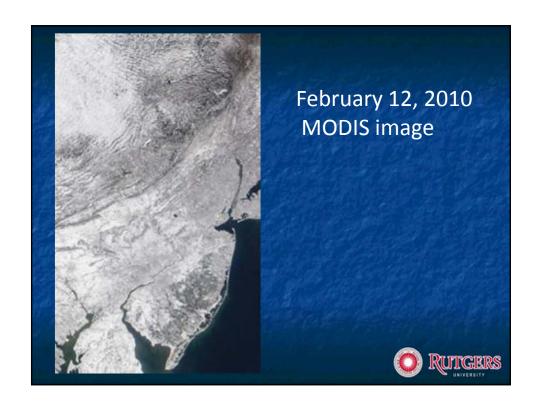


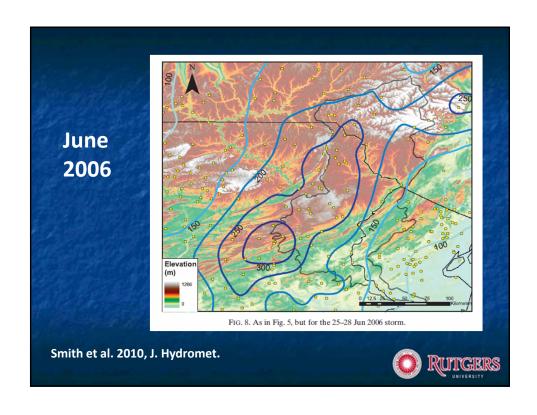


















Precipitation Extremes Overall, precipitation will likely be less frequent but more intense 1-in-20 yr precipitation - projected to occur 1-in-8 years by 2100 over much of eastern N. America (mid-range emission scenario) Projected Increase in Very Heavy Rainfall Events (top 0.03%) Climate Model 1 Climate Model 2 Climate Model 2 Average number of exceedances of 99.7 percentile



