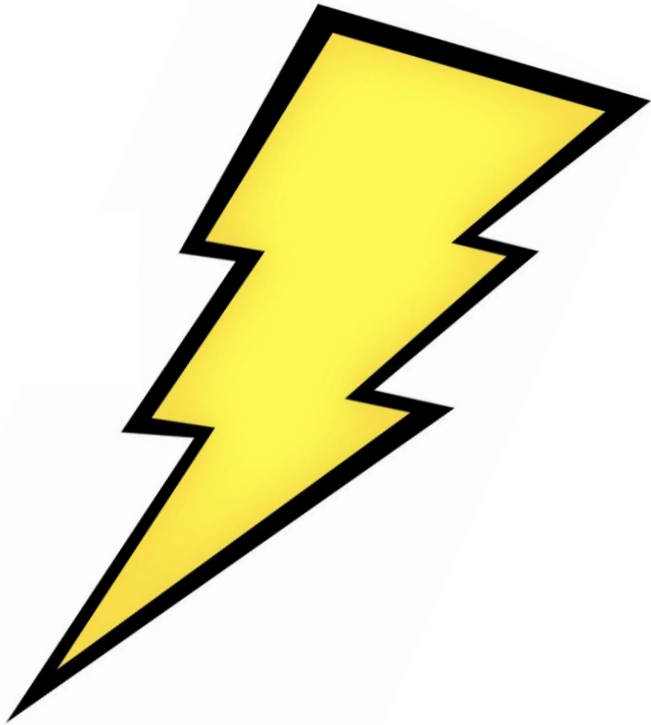


# **Lightning Update: IDF Curve Development for the Chesapeake Watershed**



**Art DeGaetano, Cornell University  
Costa Samaras, Carnegie Mellon University  
Michelle Miro, Rand Corp.**

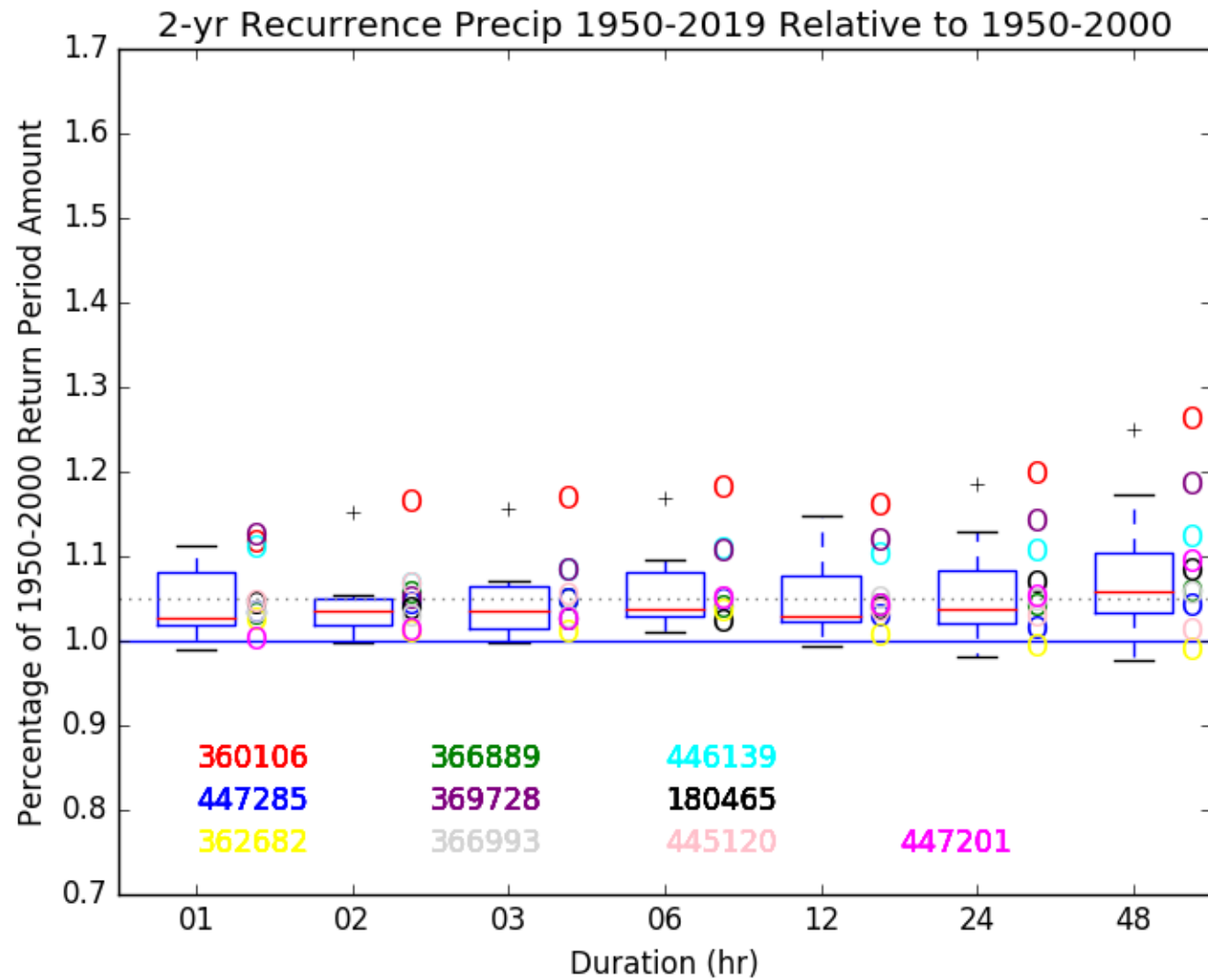


Cornell University

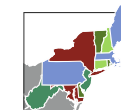
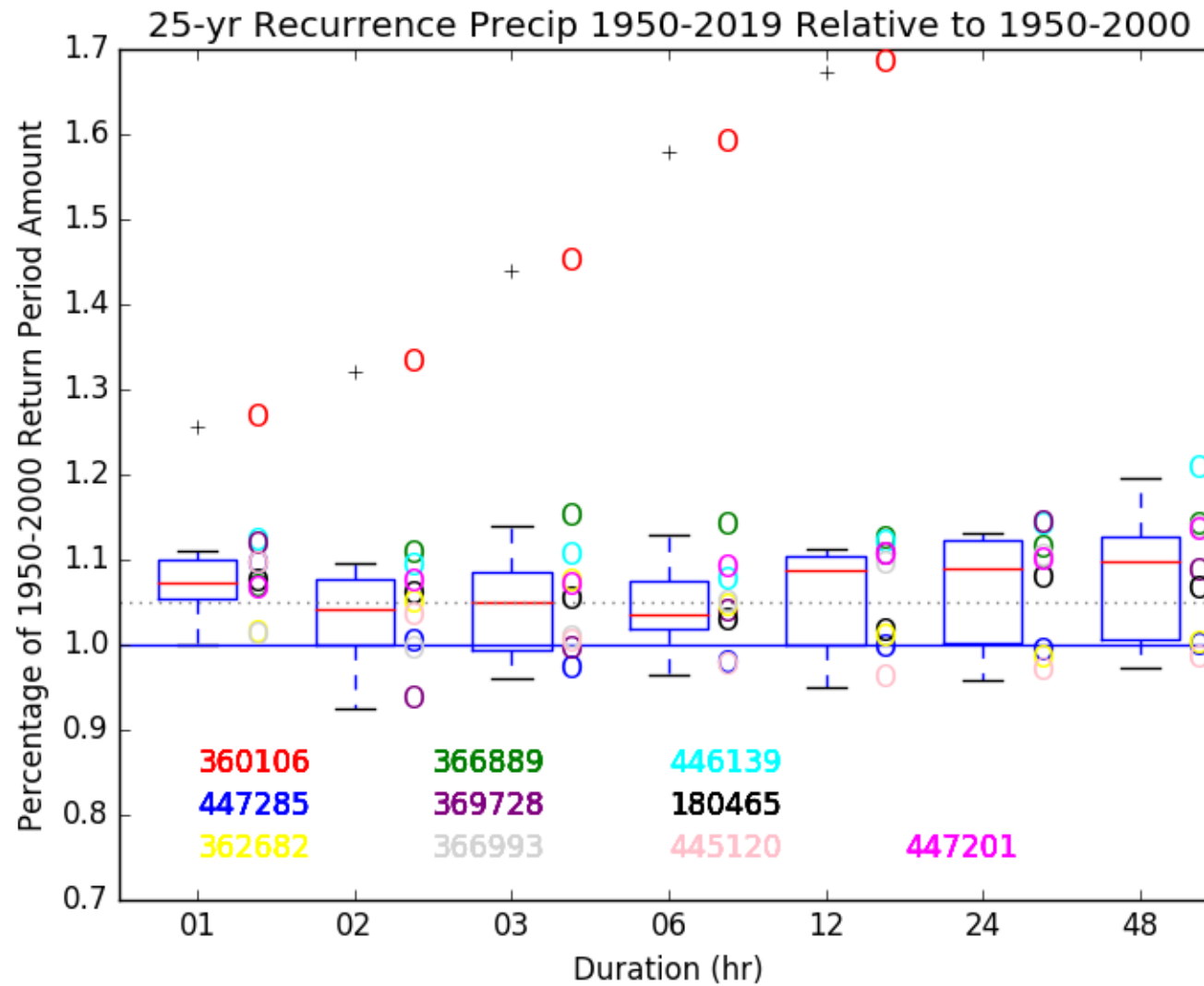


Northeast Regional  
Climate Center

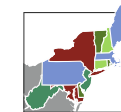
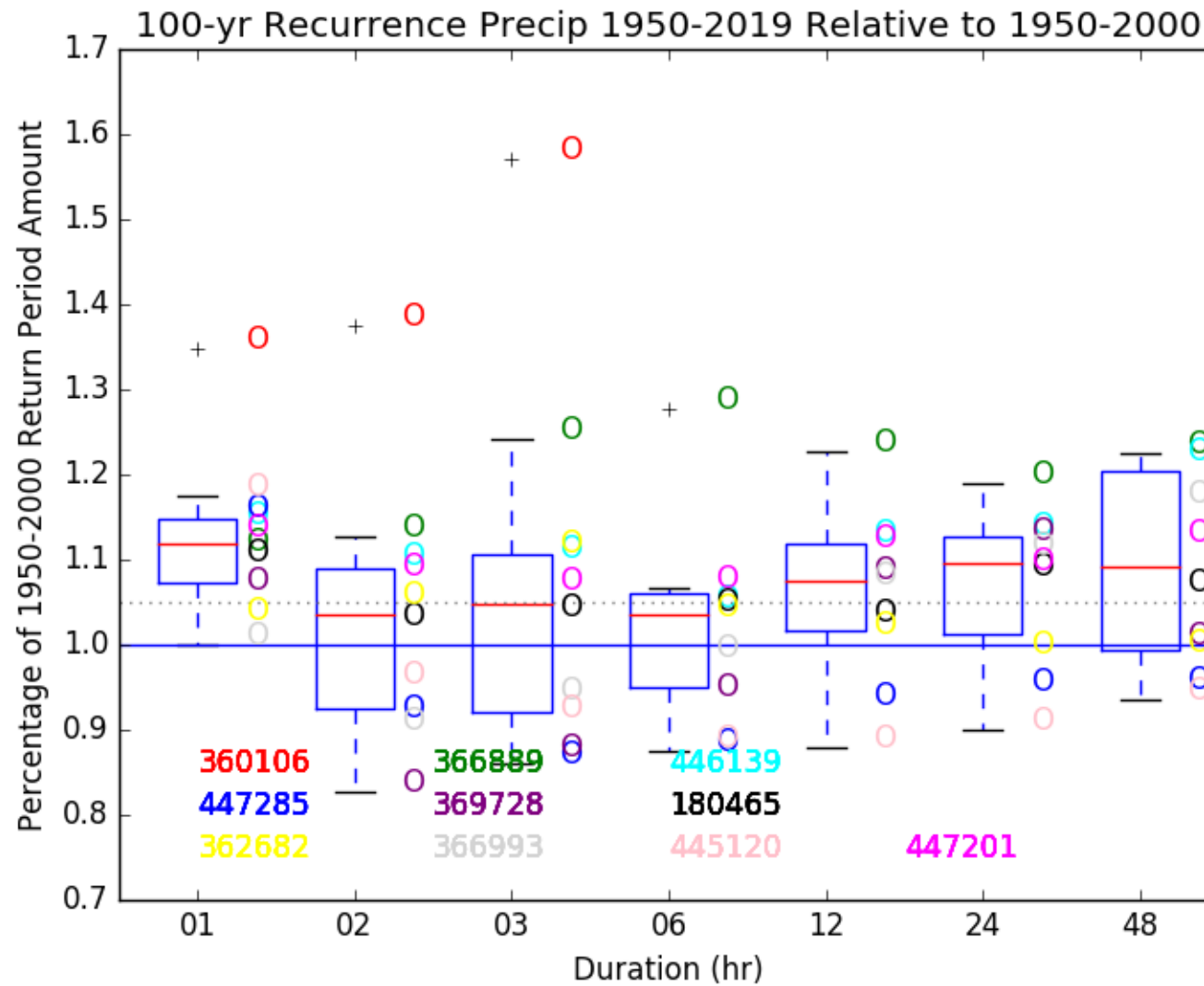
# Present vs. Atlas 14 Period



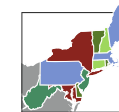
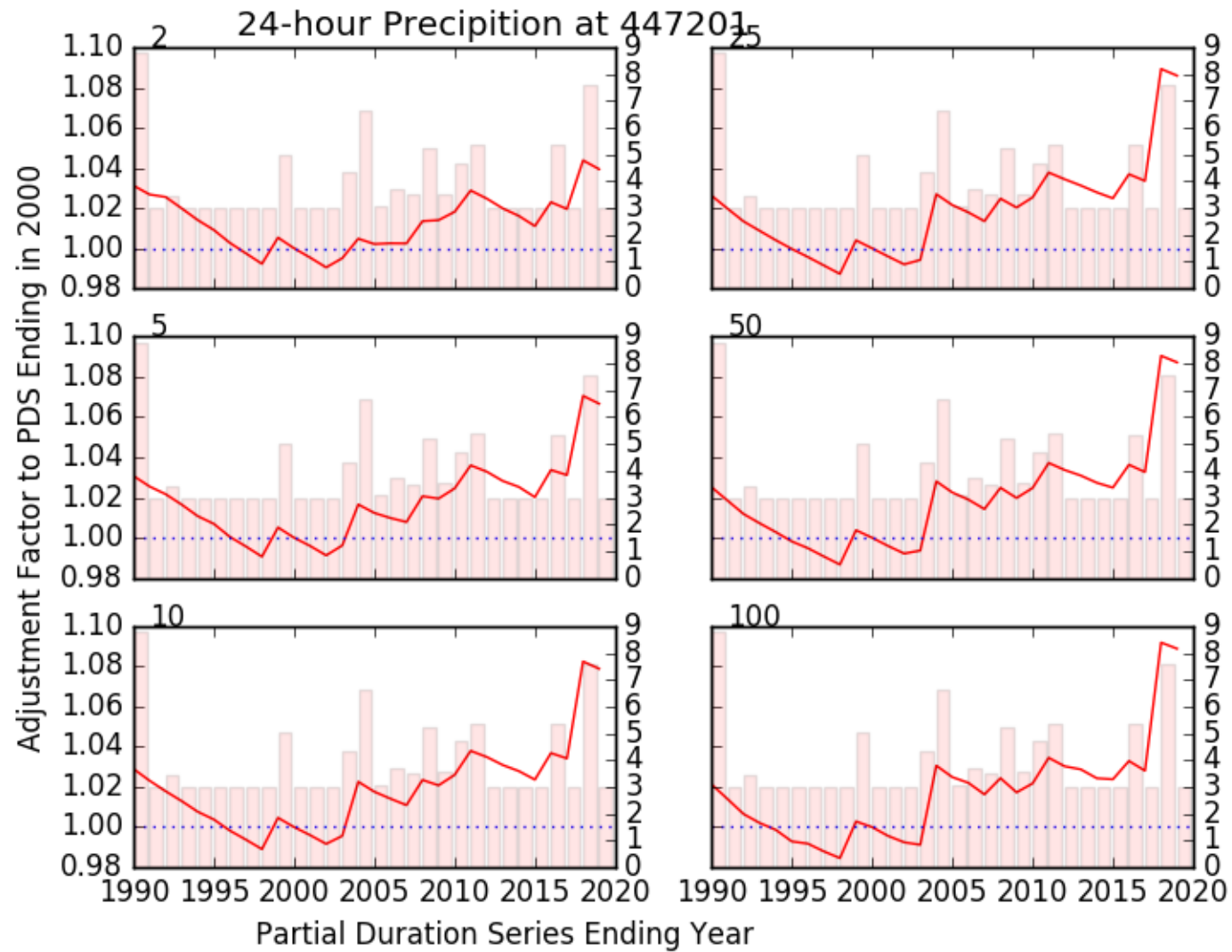
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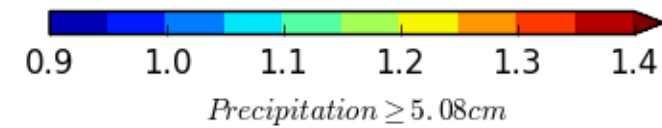
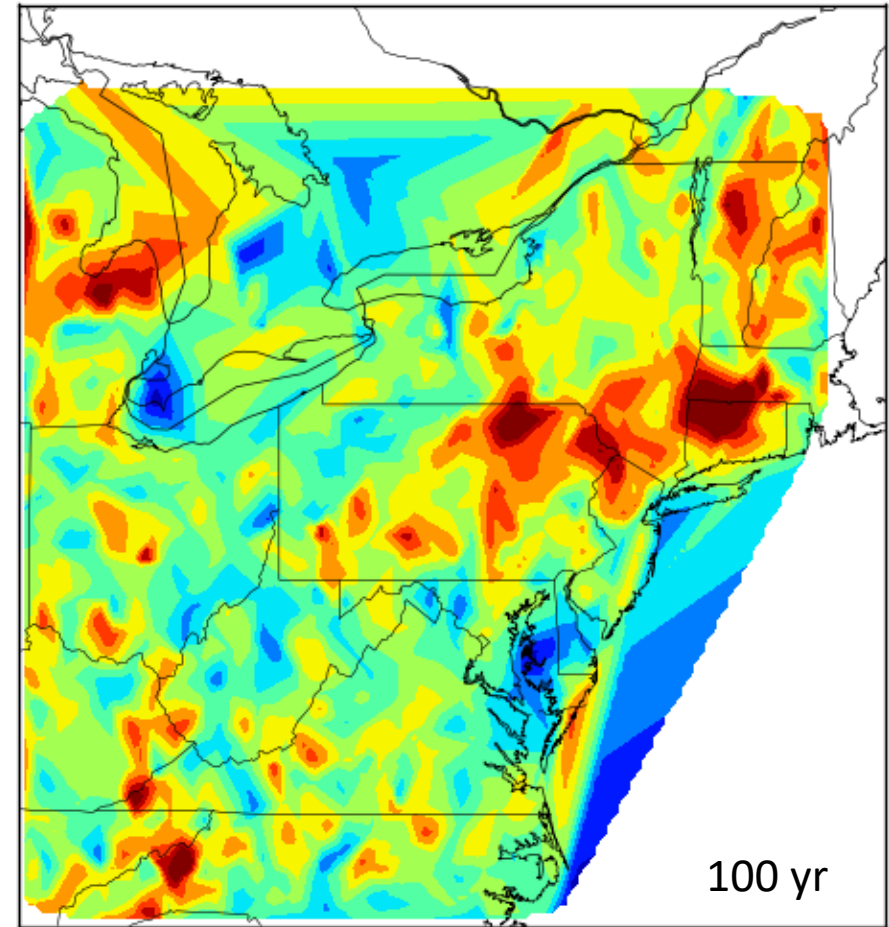
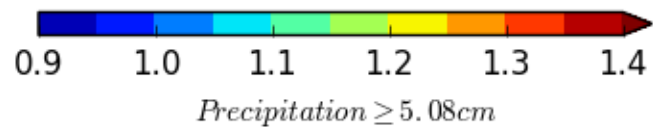
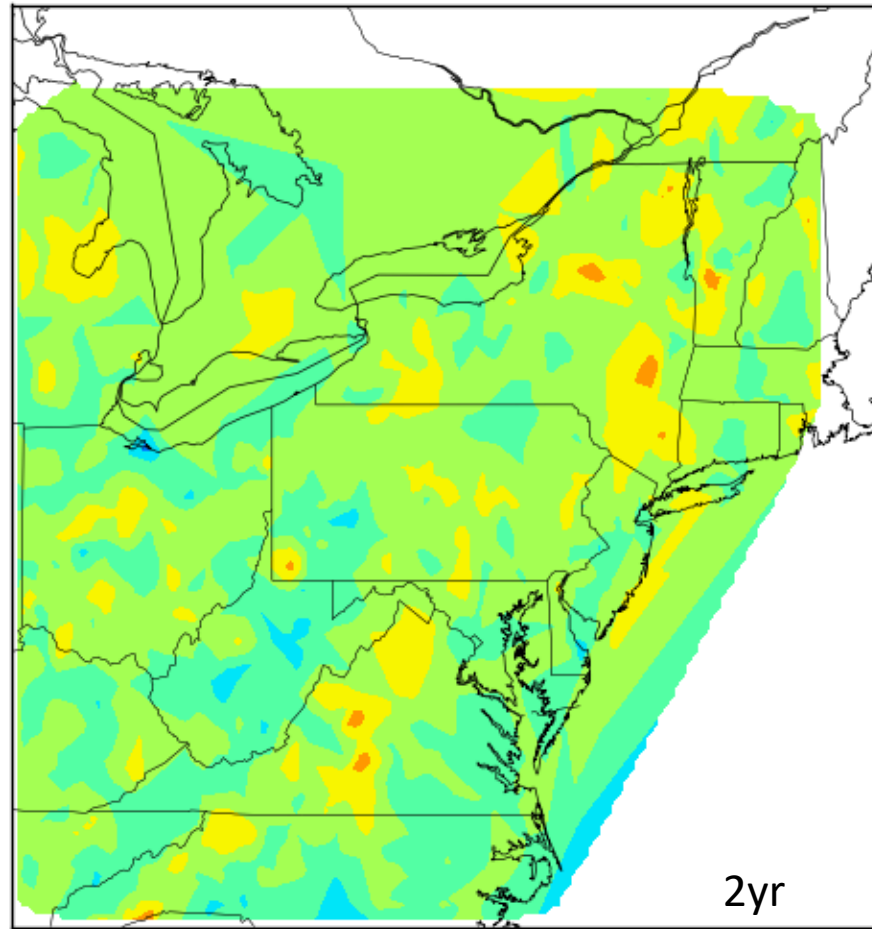
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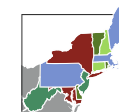
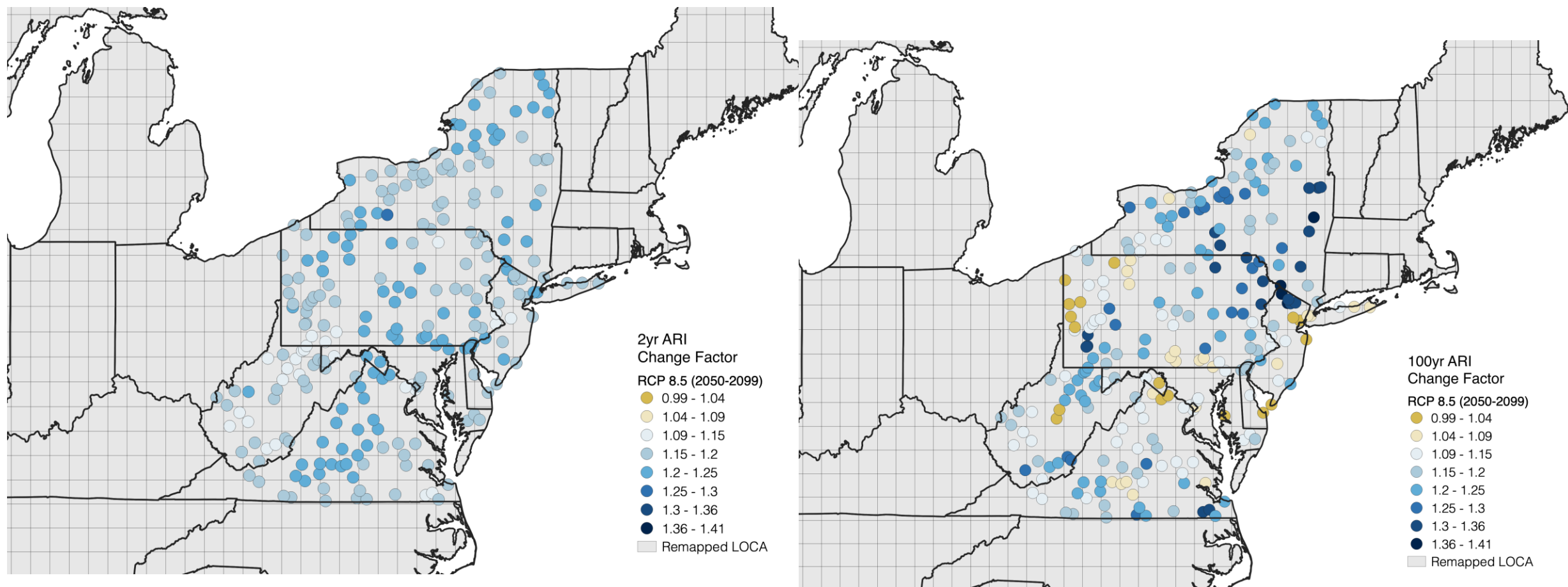
# Event Drivers at Richmond



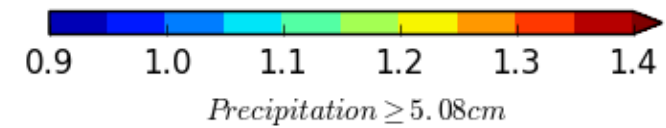
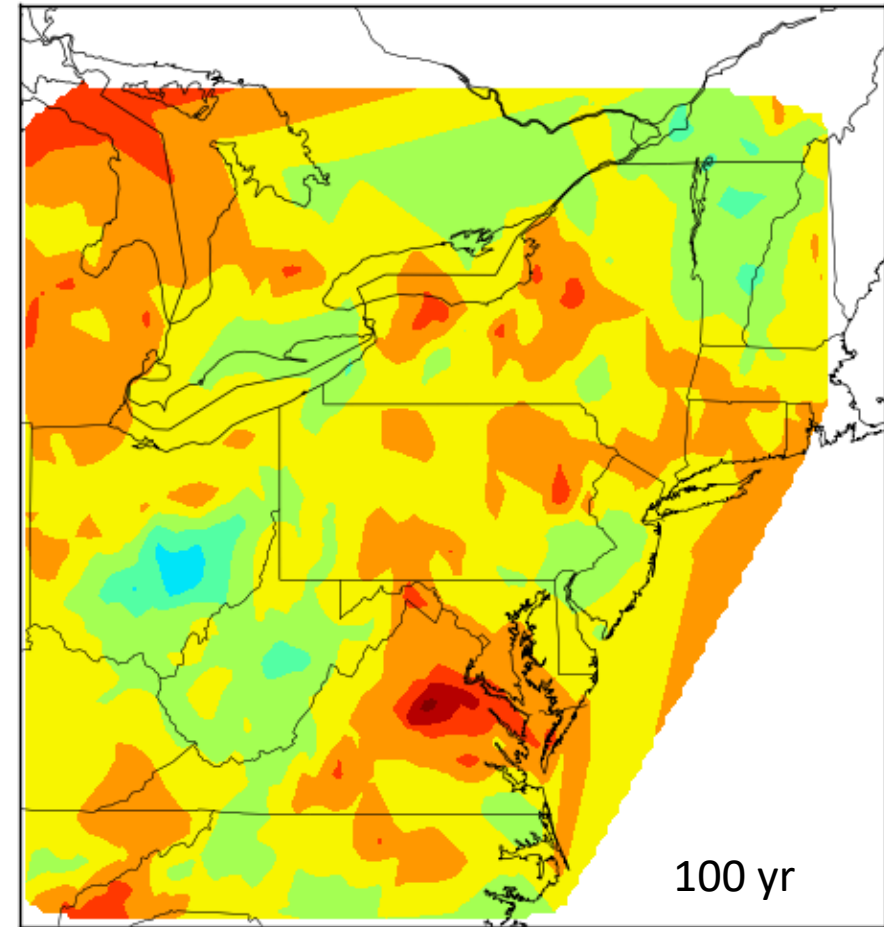
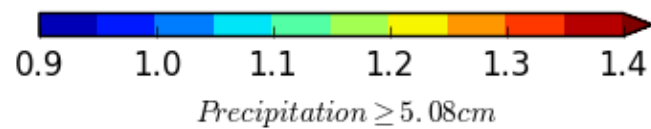
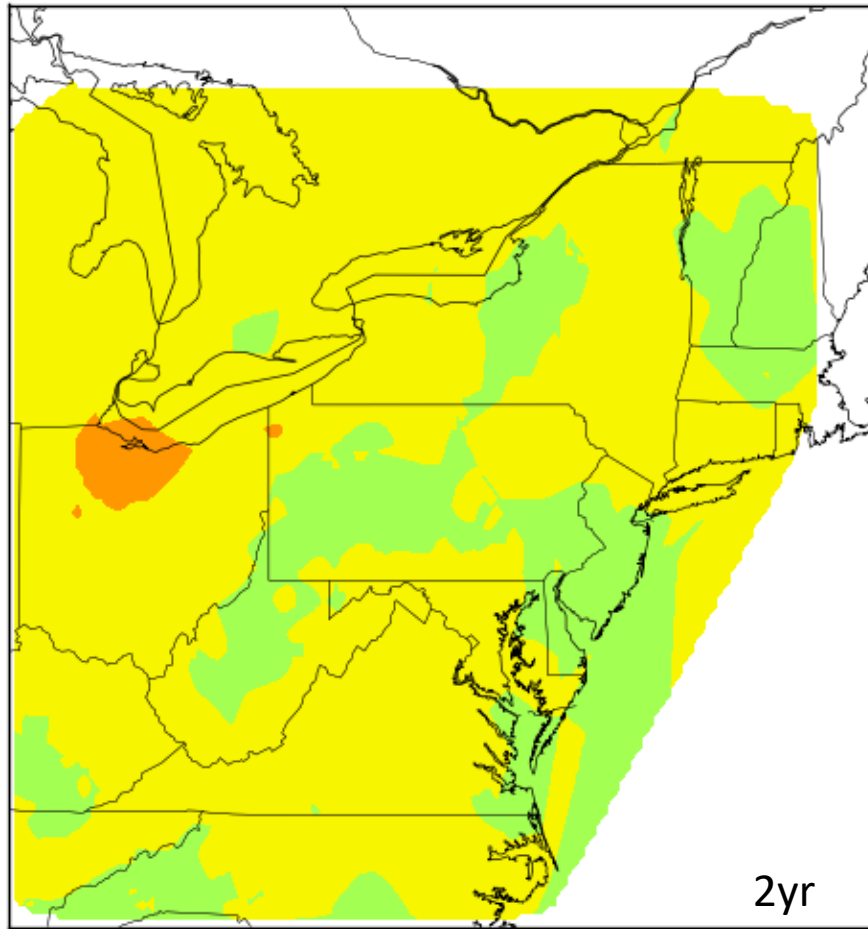
# LOCA % adjustment 1950-1999 vs 2050-2099 RCP8.5



# LOCA % adjustment 1950-1999 vs 2050-2099 RCP8.5



# CMIP5 % adjustment 1950-1999 vs 2050-2099 RCP8.5





# CMIP5 % adjustment 1950-1999 vs 2050-2099 RCP4.5

