



# AMS

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## Supplemental Material

*Journal of Applied Meteorology and Climatology*

The Relationship between Extreme Precipitation and Damaging Floods in the Northeastern  
United States

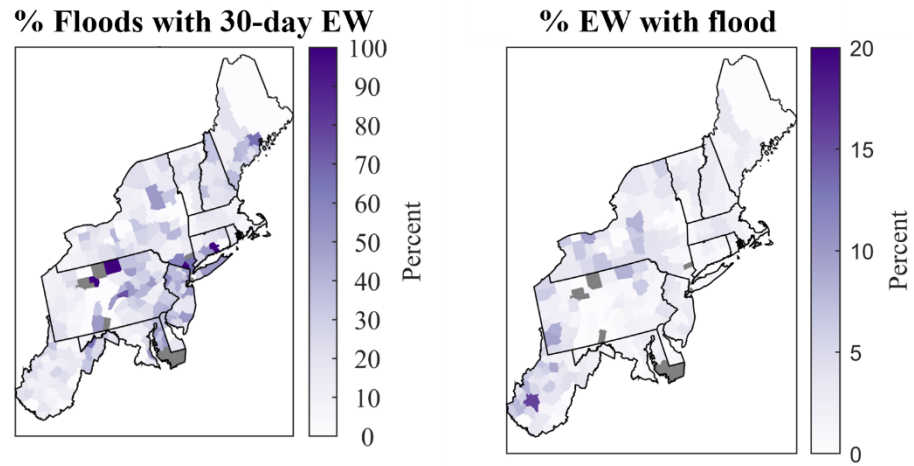
<https://doi.org/10.1175/JAMC-D-23-0156.1>

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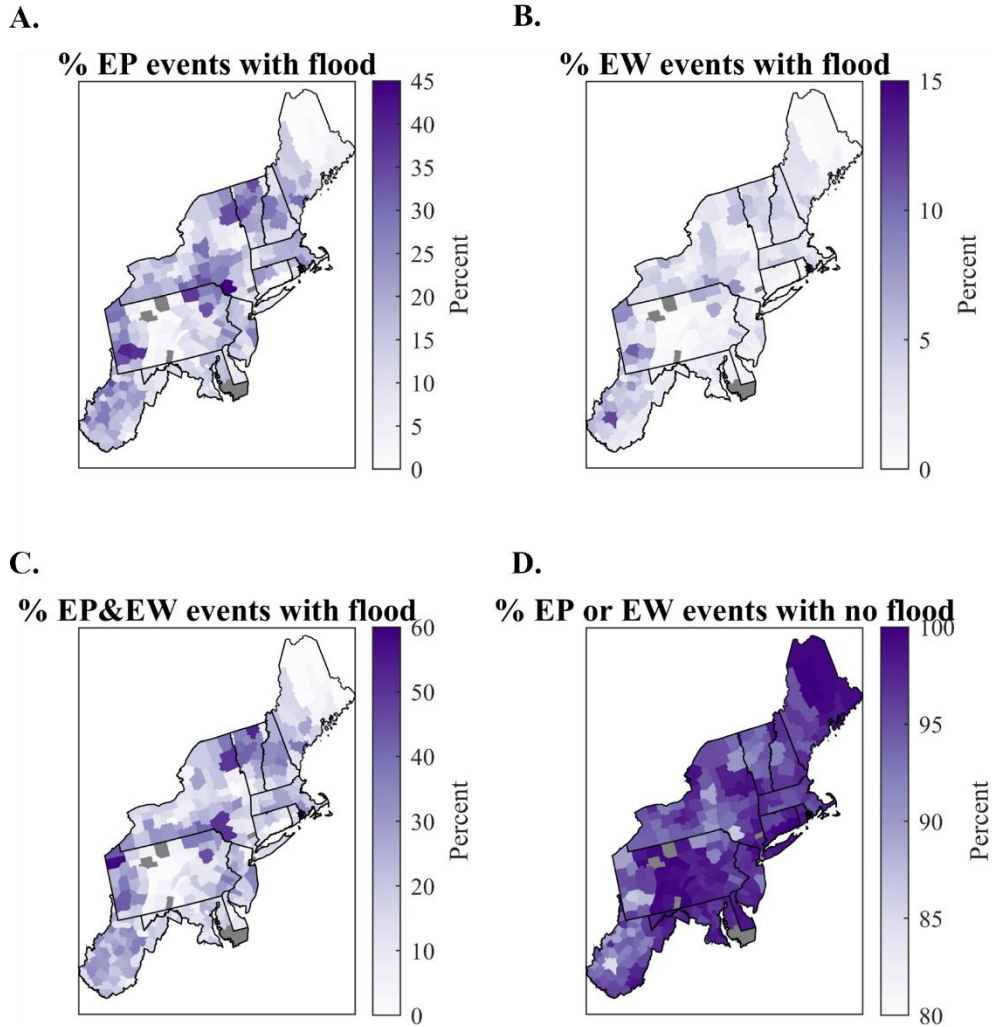
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## Supplemental Materials

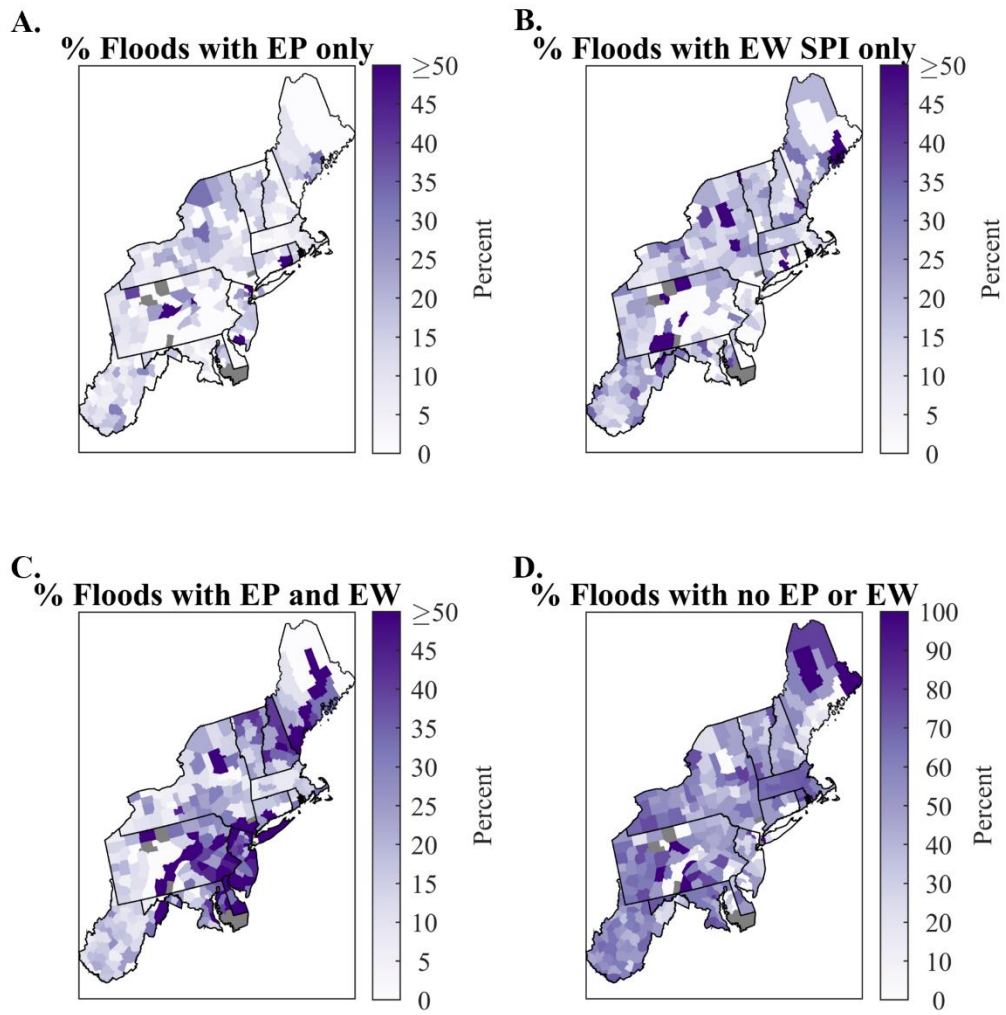
**Supplemental Figure 1.** Percent of floods associated with 30-day EW, and the percent of 30-day EW events associated with damaging floods.



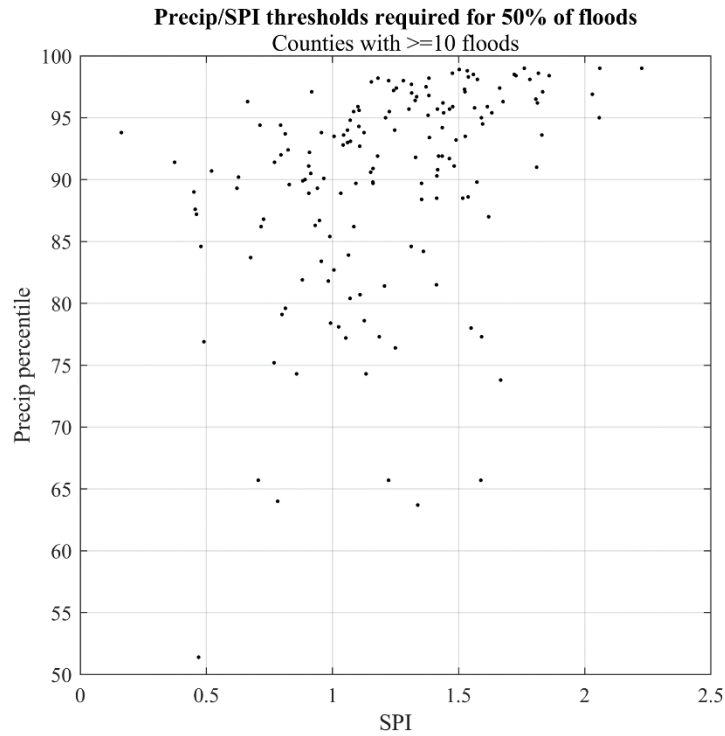
**Supplemental Figure 2.** Percent of extremes associated with floods, as percent of EP events associated with floods (top right), percent of EW events associated with floods (top left), percent of simultaneous EP and EW events associated with floods (bottom left), and the percent of EP or EW events not associated with floods (bottom right). Note the differences in color scale on each figure.



**Supplemental Figure 3.** Percent of floods associated with EP only (top left), EW only (top right), EP and EW (bottom left), and neither EP or EW (bottom right).



**Supplemental Figure 4.** As in Figure 9C, but showing SPI in standard unitless dimensions instead of percentile.



**Supplemental Figure 5.** Precipitation and SPI percentile thresholds required for 50% of damaging floods for each county. The percent of urbanized area of each county is indicated by color.

