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# 2017 SOLAR ECLIPSE: LESSONS LEARNED AND PREPARING FOR THE APRIL 8, 2024 ECLIPSE

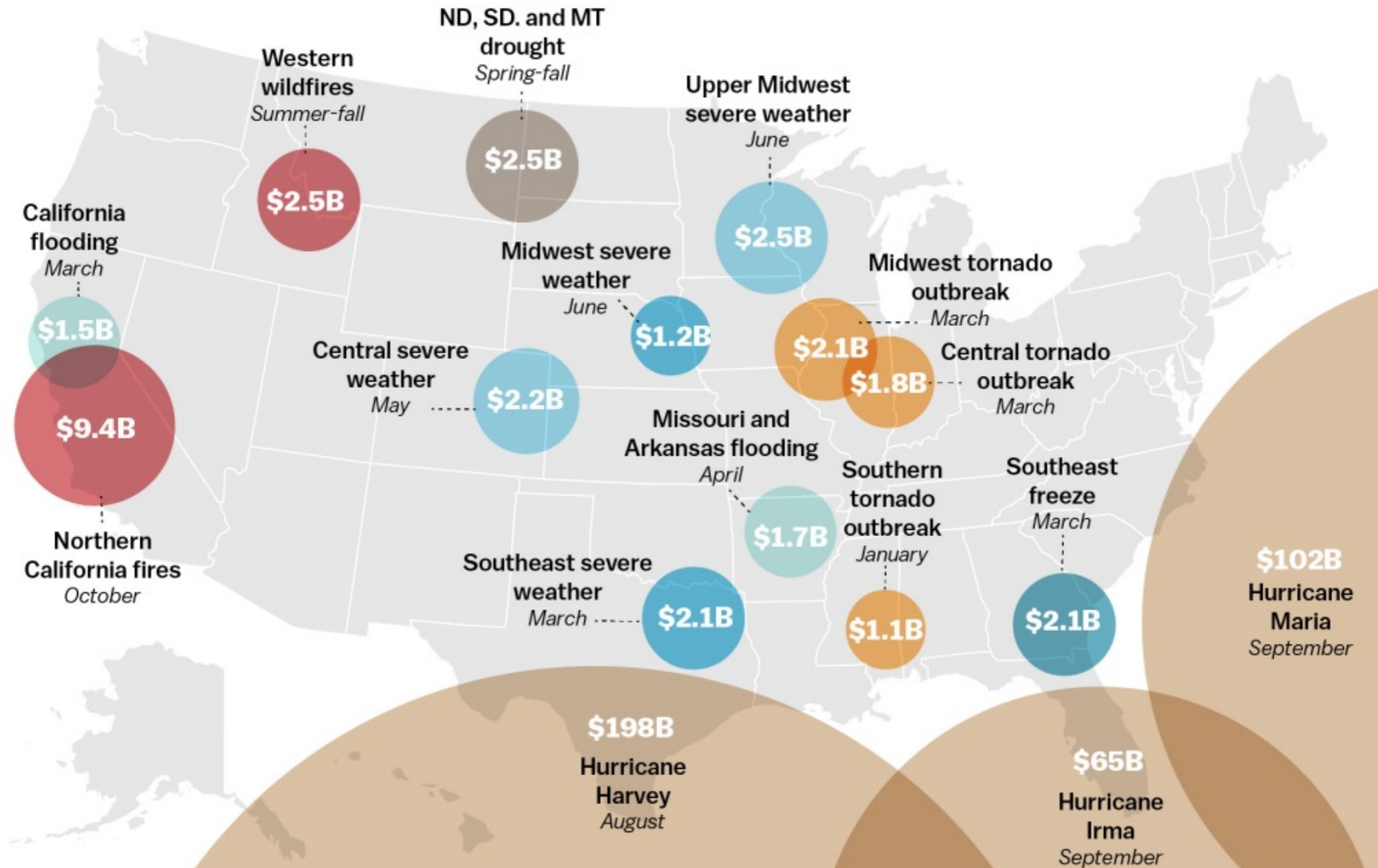
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National Operations Center of Excellence Webinar - April 9, 2018

Laurel Radow, Moderator

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# Billion-dollar disasters of 2017 in the US



Sources: NOAA, Ball State University Center for Business and Economic Research (for Harvey), Reuters (for Maria), and CoreLogic (for Irma)

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# GETTING READY FOR 2024: PROS

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Source: Southern Illinois University

- Six years to prepare.
  - AASHTO's two task forces - communications and emergency management - can easily be reestablished
  - Good relationships established in 2017 can be easily maintained through the years
  - 2017 eclipse states have valuable information to share.
    - Ask the 14 states for their plans, staffing requirements, outreach material and begin to build the notebook that can be shared with DOT staff and partners.
  - The National Operations Center of Excellence has and will continue to serve as the repository of information.
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# GETTING READY FOR 2024: CONS

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Source: Southern Illinois University

- With the eclipse is six years from now
    - People currently in positions may not be in that position in 2024 OR the people responsible for the eclipse may not even be with the agency.
  - More people are aware of the 2024 eclipse and far earlier than the 2017 eclipse = higher expectations.
  - The 2024 set of technologies are unknown; how well will those technologies be incorporated into the plans?
  - Early spring weather may include flooding and other extreme events which may drain staffing capabilities.
  - Unlike the 2017 eclipse, much of the path of the 2024 eclipse crosses the nation's more densely populated states.
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# GETTING FROM 2017 TO 2024: PROPOSED TIMELINE

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- April 9, 2018 (today) - Peer-to-Peer exchange amongst the 2017 solar eclipse states; webinar to be archived for future use.
  - 2018- 2019: Establish an FHWA-NOCoe-NASA-NPS-AASHTO-NOAA-TRB Eclipse Partnership.
    - As the eclipse begins in Mexico and ends in Canada, consider a trilateral eclipse agreement/partnership
    - Possible product: eclipse transportation document in three languages
  - April 8, 2019: Announce April 8, 2020 Eclipse Conference
  - April 8, 2020: Day of the Eclipse Conference - Learning from 2017 to Prepare for 2024
  - April 8, 2021: Conference Proceedings Released
  - April 8, 2022: Announce partnerships with the private sector including weather/traffic reporters
  - April 8 2023: One year to go Eclipse Countdown Announced
    - In preparation for the one-year kick-off, all involved parties unveil the 12 month action/public awareness plan including
      - Webinars for the agencies preparing for the eclipse
      - Information on how to hold a tabletop exercise (Available as an FHWA planned special events publication)
  - April 8, 2024: Eclipse Day
    - Though the next eclipse to cross the United States is in 2045, somewhere a solar eclipse occurs every 18 months
    - How to capture the information from both the 2017 and the 2024 eclipses that can be used by other countries
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# THANK YOU

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- To learn more about:

- The October 9-10, 2018 Resiliency Summit, Denver, Colorado, go to <http://transportationrisesummit.com>

- Resiliency, go to

- <http://www.trb.org/Publications/Blurbs/176812.aspx> and <http://www.trb.org/Publications/Blurbs/176885.aspx>

- To become a friend of TRB Standing Committee on Critical Infrastructure Protection (ABR10), go to

- [\*https://www.mytrb.org\*](https://www.mytrb.org)

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