NOAA's State Summaries for the National Climate Assessment

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State Climate Summaries

- 50 climate summaries focusing on aspects of NOAA's mission
- Derivative of the Third National Climate Assessment
- Collaborative in nature:
  - Written by NCA Technical Support Unit
  - Input from RCCs and State Climatologists
  - Various reviewers (both internal and external)
- Presented in both PDF and web format

A Tool for Decision Makers

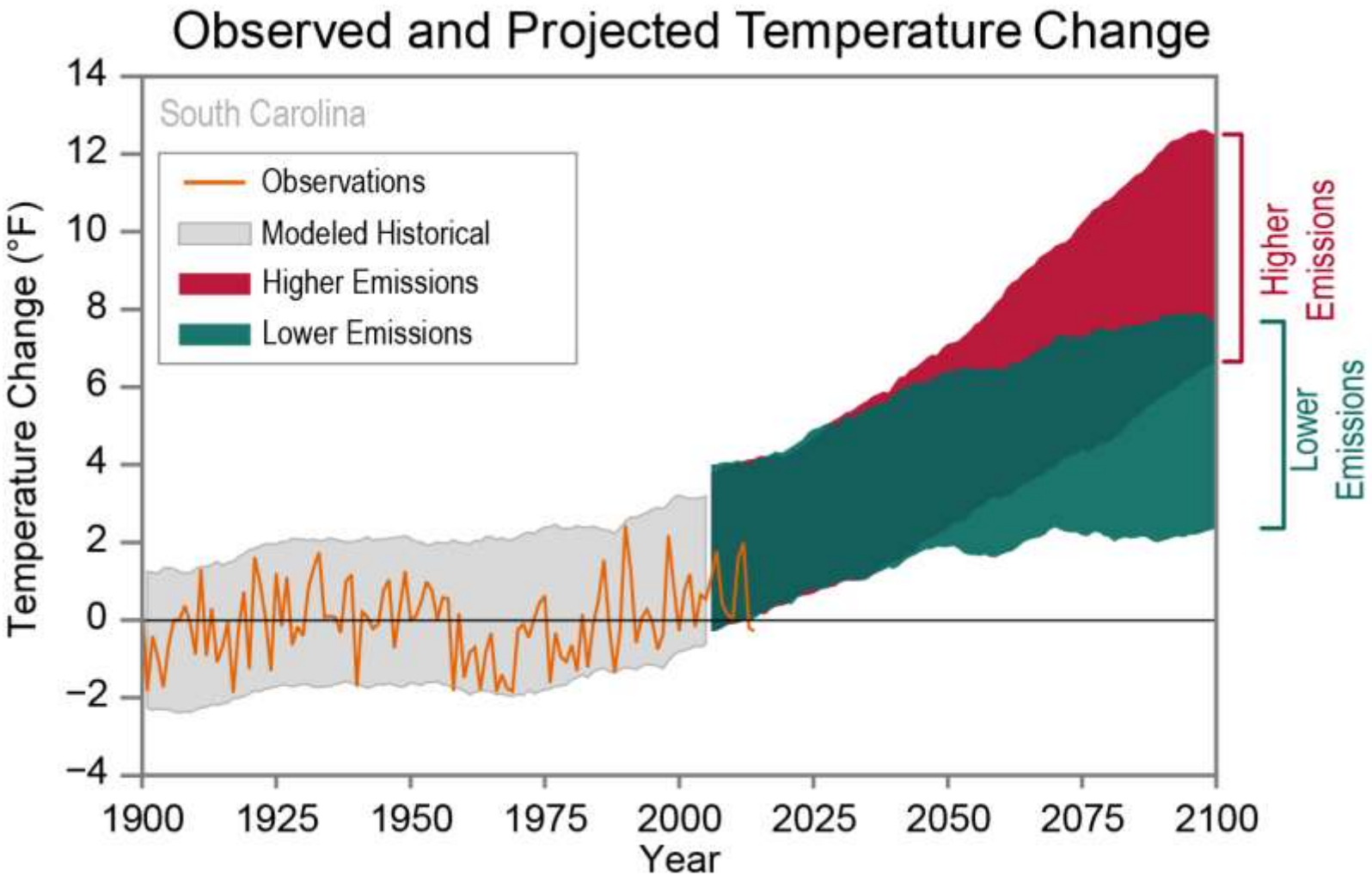
- Targeted for decision makers and informed non-scientists
- Temperature and precipitation projections are presented in order to provide a context for the assessment of future impacts
- Web component will allow users to explore data, methods, analyses, and climate change information specific to their state
- Potential exists for continued updates

Content

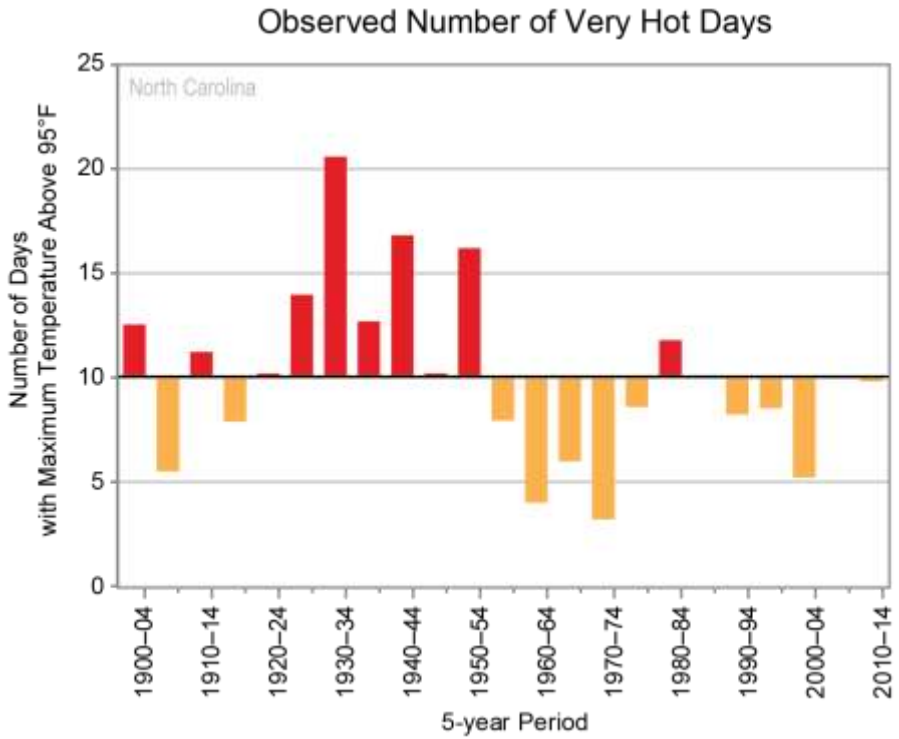
- Each state summary includes:
  - Geographical and climatological overview
  - Description of historical physical climate and coastal issues, noteworthy past events
  - Temperature and precipitation projections
  - Anticipated impacts

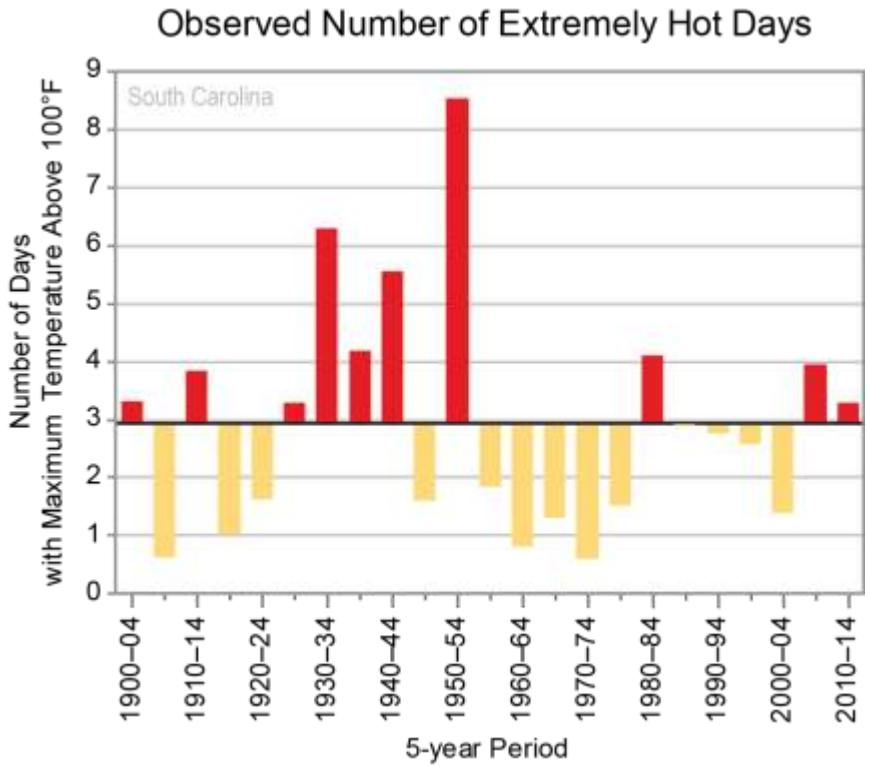
- Data are from NOAA's Climate Divisional Dataset (nClimDiv) and CMIP5

Example Figures: Temperature Trends

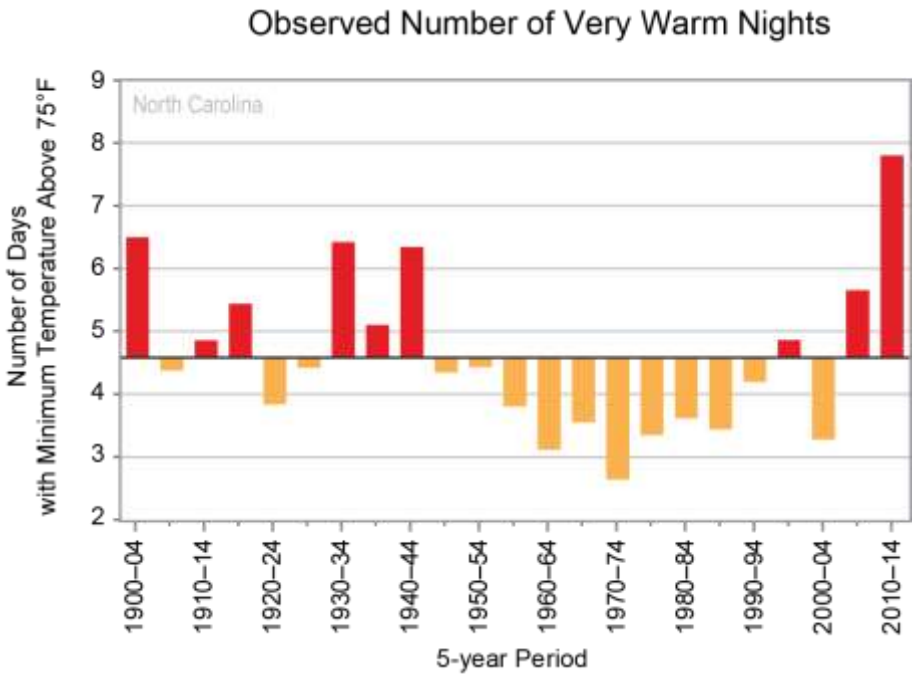


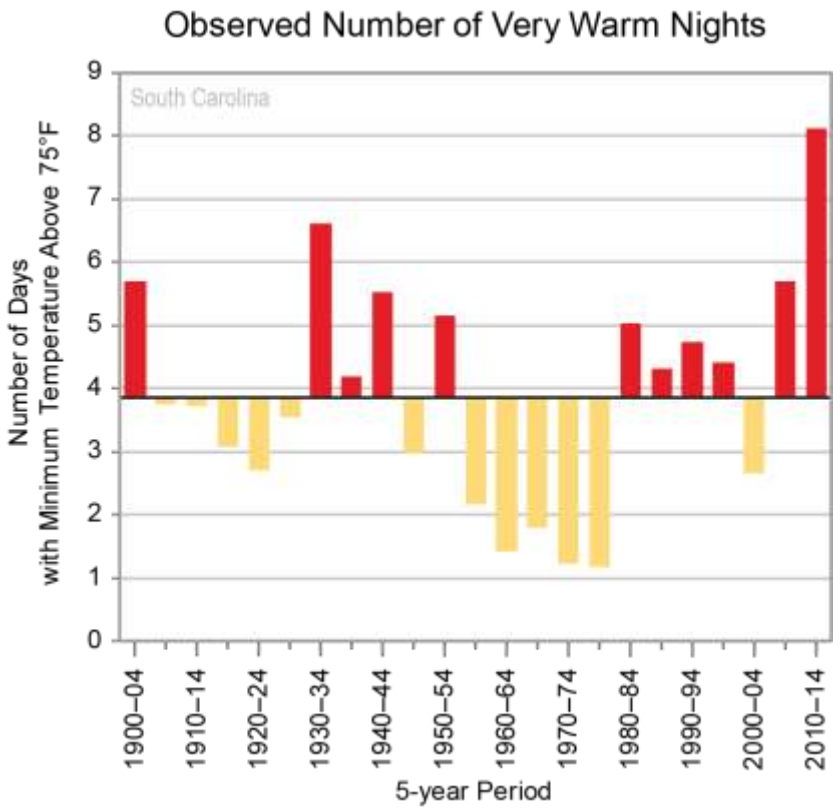
Example Figures: Hot Days



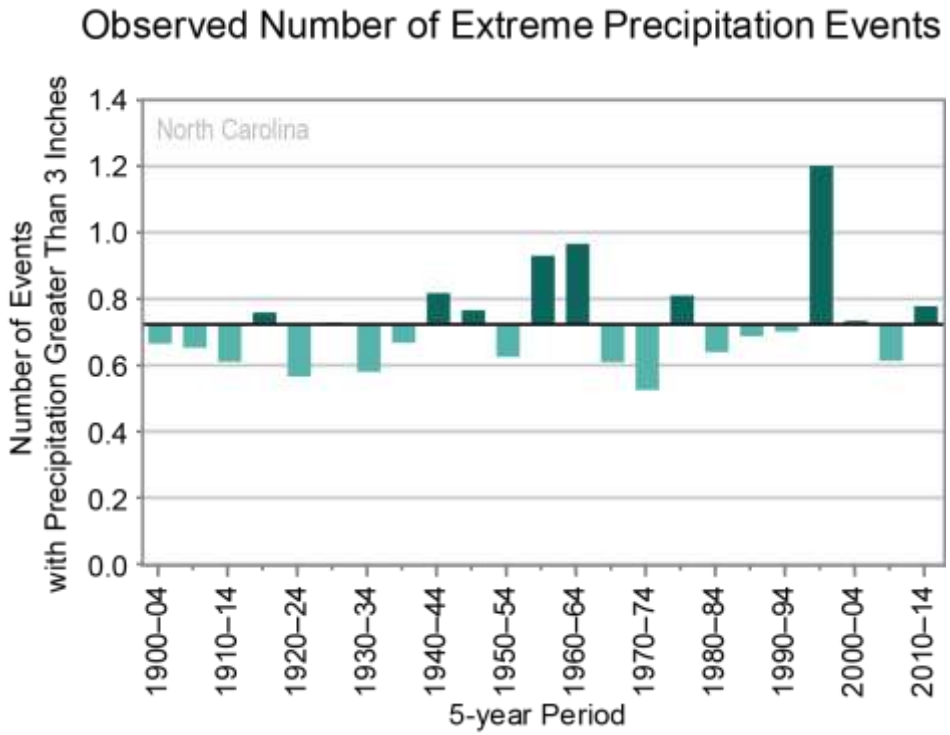


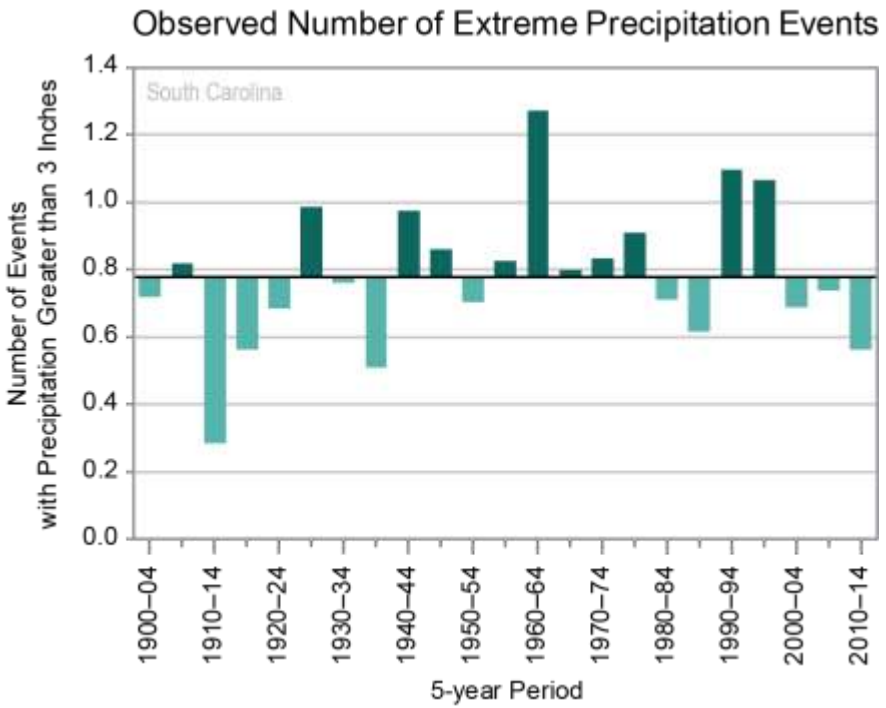
Example Figures: Warm Nights



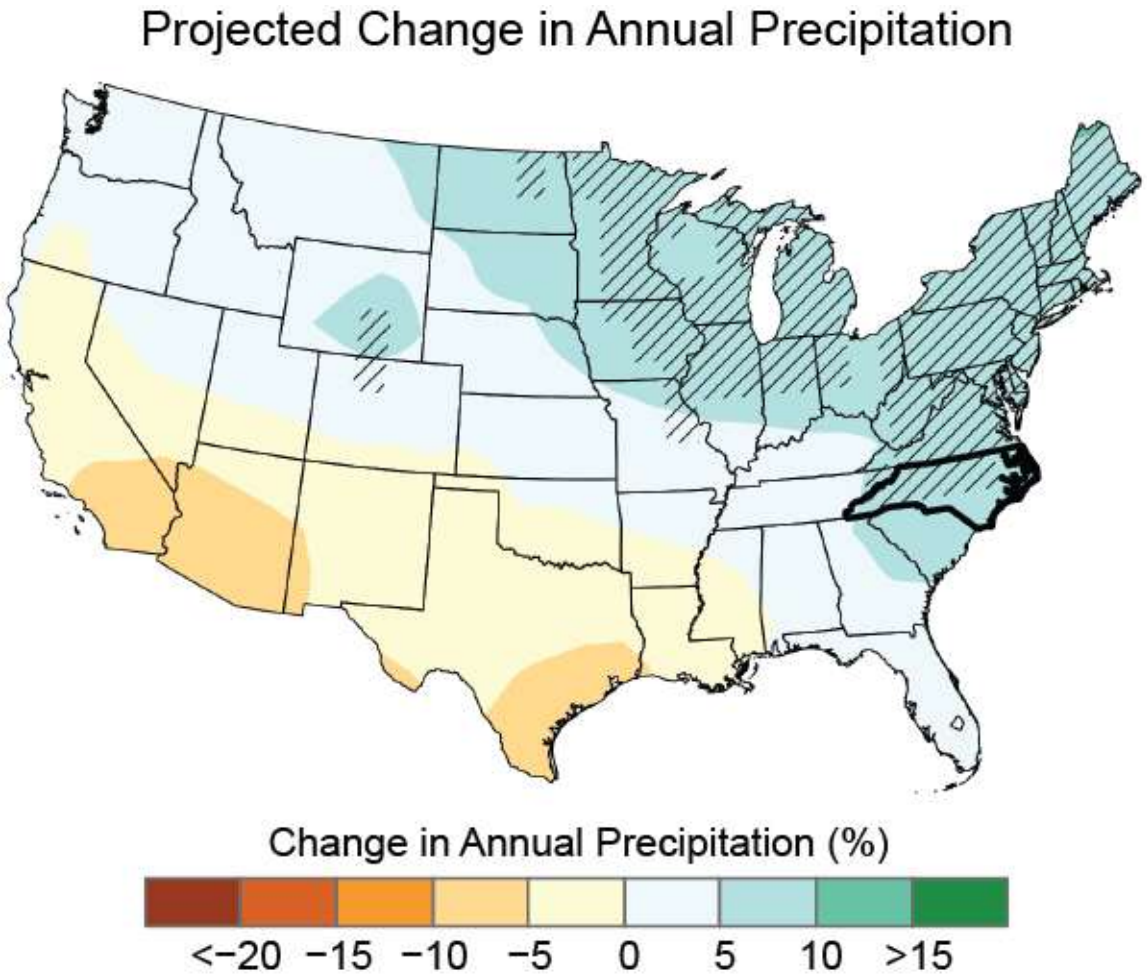


Example Figures: Extreme Precipitation

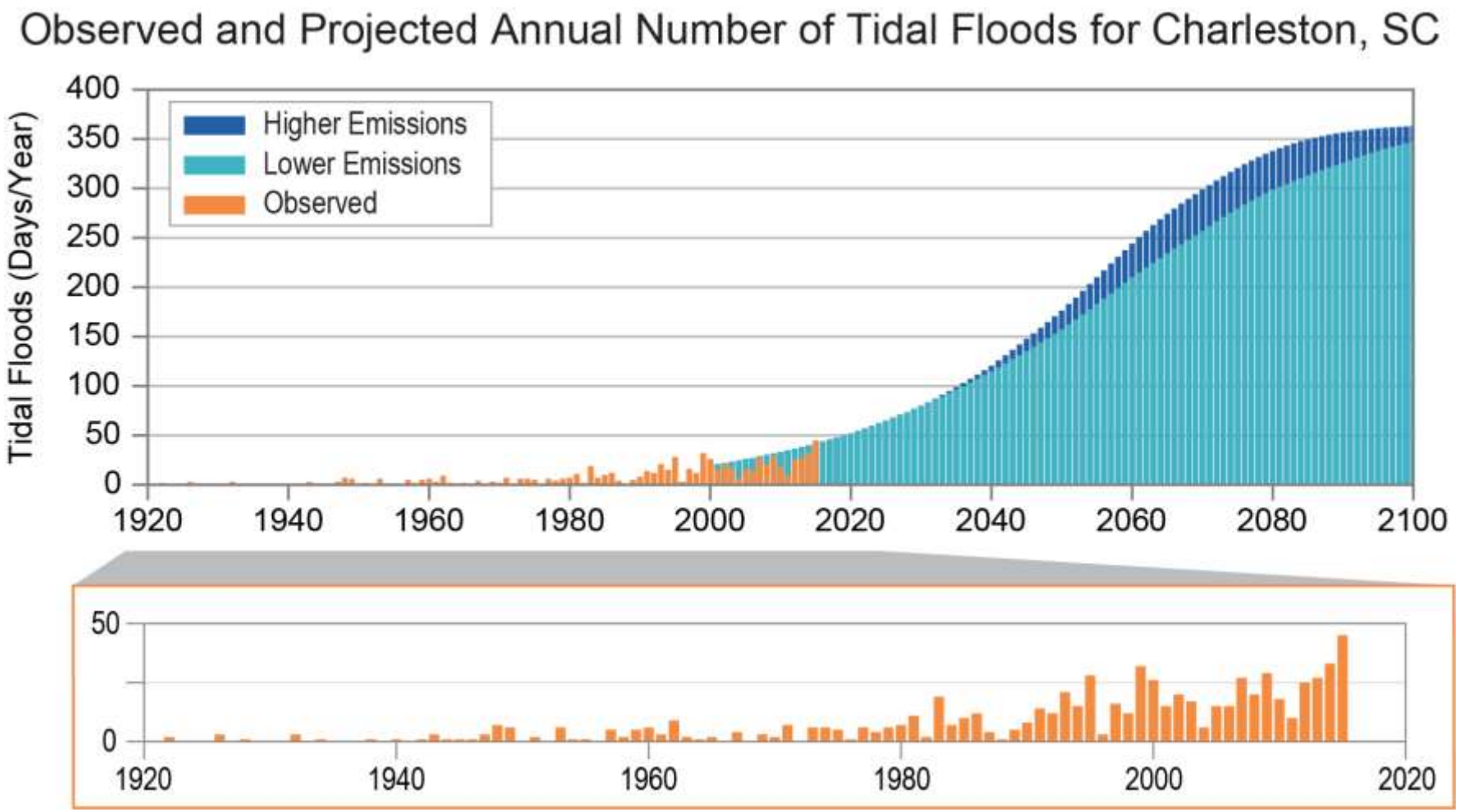




Example Figures: Precipitation Projections



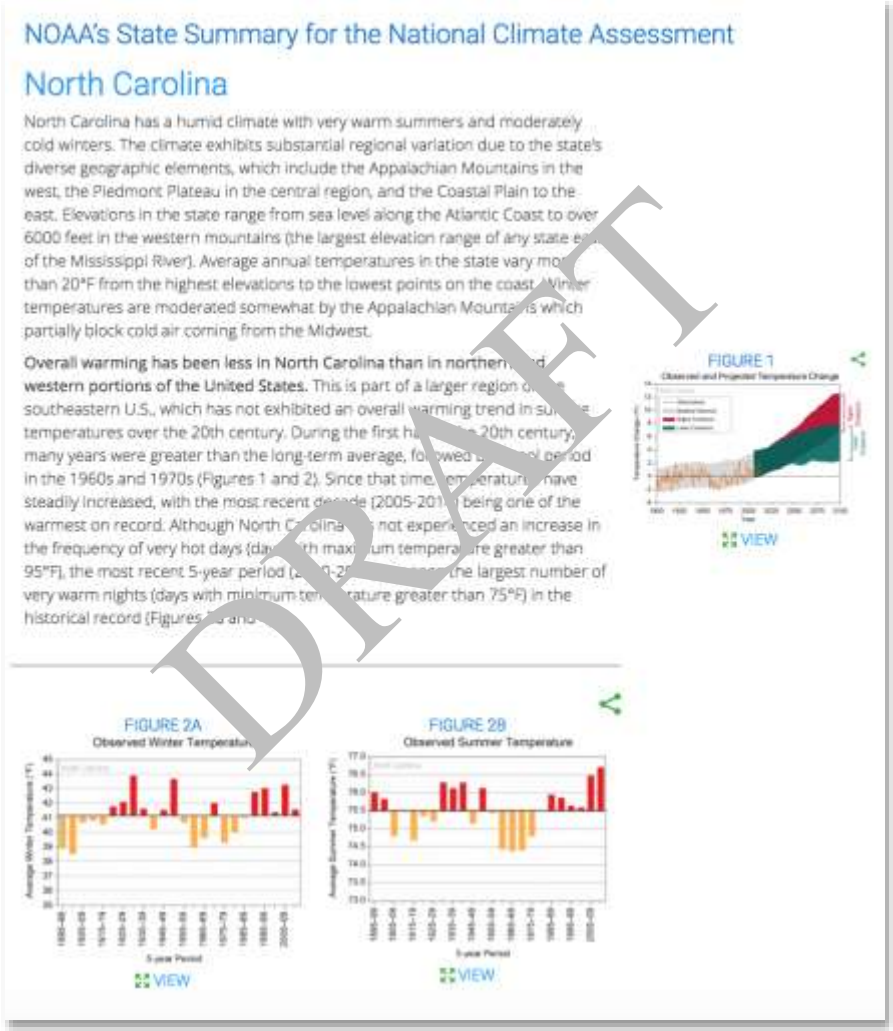
Example Figures: Tidal Floods



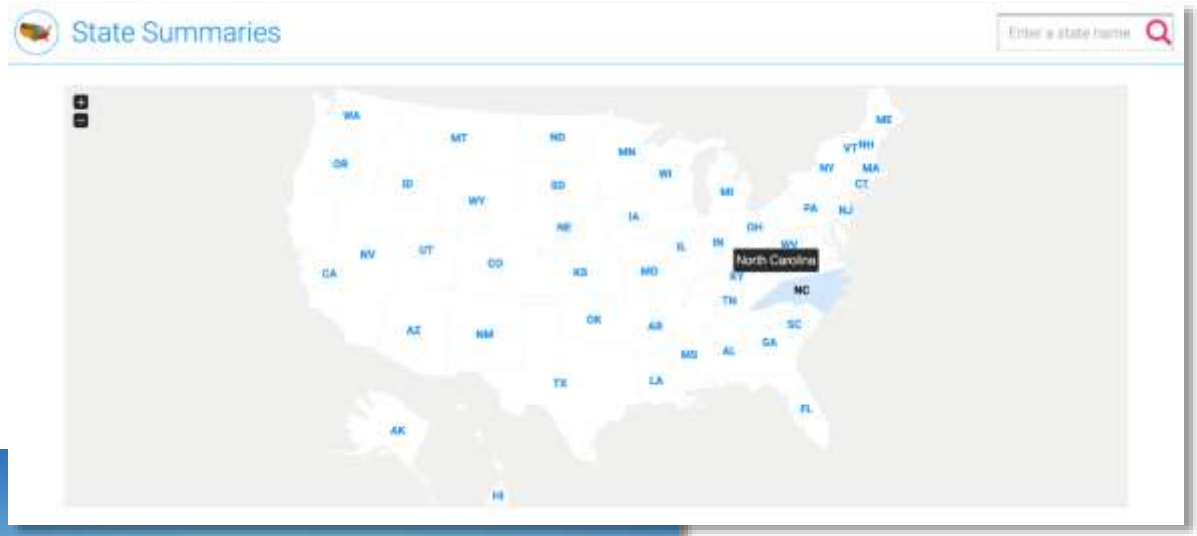
Products: PDF Documents

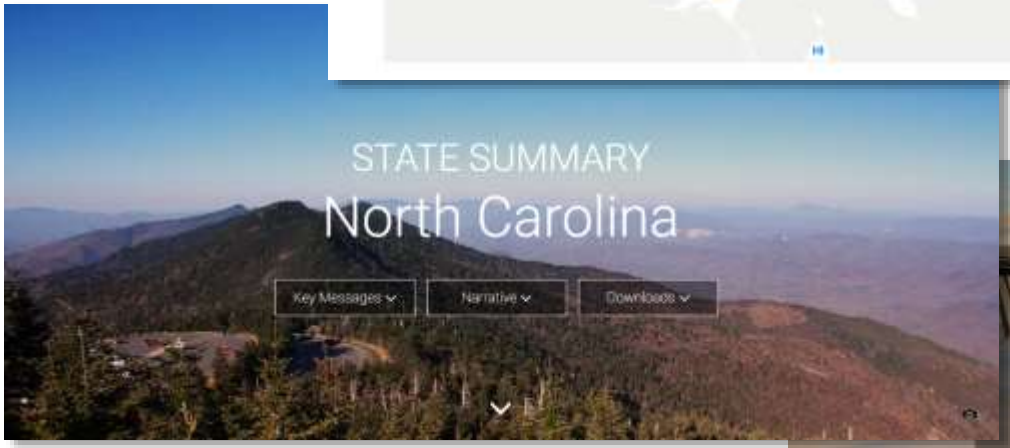
Products: Web Component

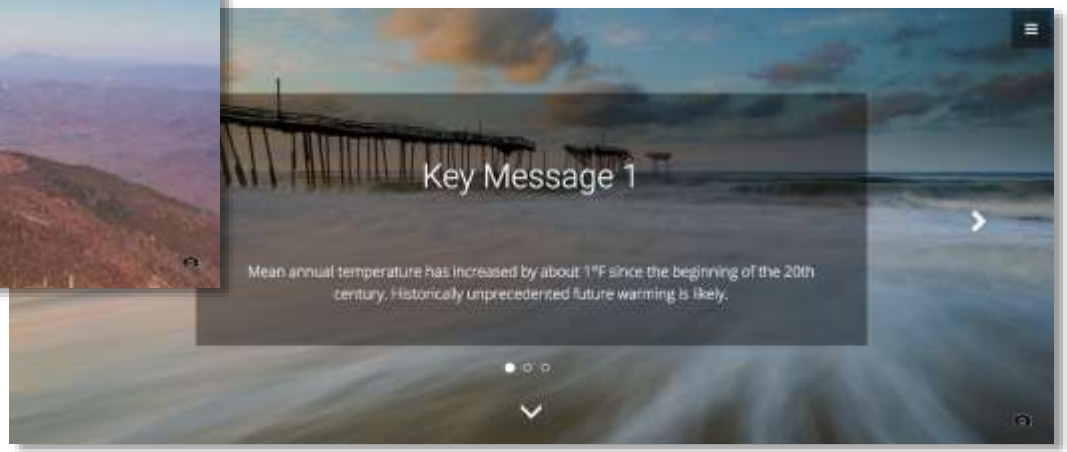
- Document content
- Supplemental online material
- Metadata
- Data and image files



Products: Web Component







Ask the Audience

- Do you already feel like you have sufficient climate knowledge and information? If not, what are you missing?
- Do you utilize data at the state/local level?
- Is it useful for you to be able to download specific content: images, data, metadata, code?
- What data formats do you prefer (ASCII, CSV, netCDF etc.)?