

# Bethlehem's future climate

The Bethlehem Gadfly Climate Action Plan December 10, 2020

 Latest in a series on Bethlehem's Climate Action Plan 

## Climate Action Plan

*Gadfly thought this was interesting . . .*




**Consultant Kate (2 mins.):**

**CAP sections**


- Development
- Principles
- **Climate impacts**
- Plan integration
- GHG inventory
- Commitments
- Goals


CAP strategies  
Implementation  
Next Steps

### Projecting Bethlehem's future climate

-  — By the end of the century, annual temperatures are expected to **increase by 6°F to 9°F**
  - *Annual average temperatures similar to Richmond, Virginia's climate from 1971-2000.*
-  — The number of **days above 90°F** in Bethlehem are expected to increase from the current average of 12 days per year to **36 to 39 days** in the near-term and **50 to 83 days** at the end of the century under the moderate and high future warming scenario, respectively.
-  — Extreme precipitation will increase
  - *Once-in-50-years precipitation events will be expected to happen every 25 years*
  - *Once-in-100-years precipitation events will be expected to happen every 50 years*
  - *New once-in-100-year events will include >2 additional inches of precipitation*

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