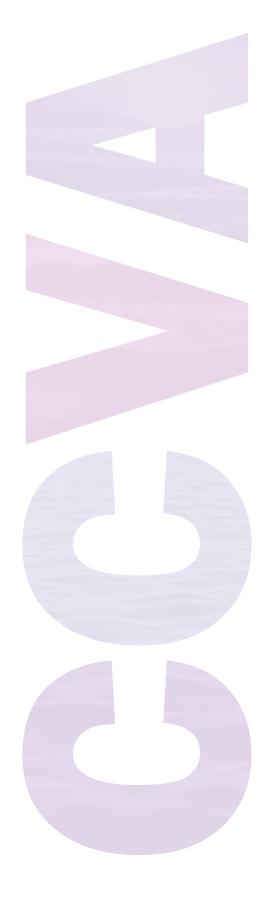


Heat Island and Flooding Maps

Climate Change Vulnerability Assessment

City of Cambridge, Massachusetts

November 2015



Heat Island and Flooding Maps

Heat Island

Ambient Air

- Map 1: Present conditions ambient air temperature variability on an 83°F day
- Map 2: 2030s scenarios ambient air temperature variability on a 90°F day
- Map 3: 2070s scenarios ambient air temperature variability on a 100°F day

Heat Index

- Map 4: Present conditions "feels-like" variability on a day when heat index is 83°F day
- Map 5: 2030s scenario "feels-like" variability on a day when heat index is 96°F
- Map 6: 2070s scenario "feels-like" variability on a day when heat index is 115°F

Flooding from Precipitation

10-year Storm

- Map 7: Present conditions precipitation flooding under the current 10-year 24-hour storm
- Map 8: Precipitation flooding scenario under the 10-year 24-hour storm by 2030s
- Map 9: Precipitation flooding scenario under the 10-year 24-hour storm by 2070s

100-year Storm

- Map 10: Present conditions precipitation flooding under the current 100-year 24-hour storm
- Map 11: Precipitation flooding scenario under the 100-year 24-hour storm by 2030s
- Map 12: Precipitation flooding scenario under the 100-year 24-hour storm by 2070s

