

SAMPLE



CLIMATE FUTURE SCORE  
**Property** Dashboard

SAMPLE

Address

138 Eagle St.  
Albany, New York 12202

MLS  
N/A



Year Built:  
1860

Community Founded:  
1832

Census Tract  
MSA/MD Code 10580  
State Code 36  
County Code 001  
Tract Code 0023.00  
MSA/MD Name  
ALBANY-SCHENECTADY-TROY,  
NY

Watershed

Local: Hackett  
Regional: Hudson

Distance to Ocean

139 Miles  
224 Kilometers

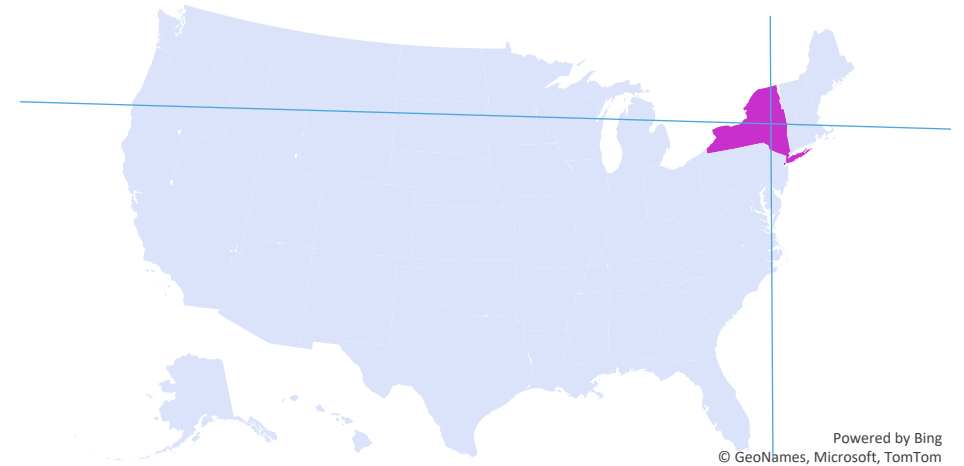
Nearest  
Bodies of  
Water

Hudson River  
Mohawk River

Location

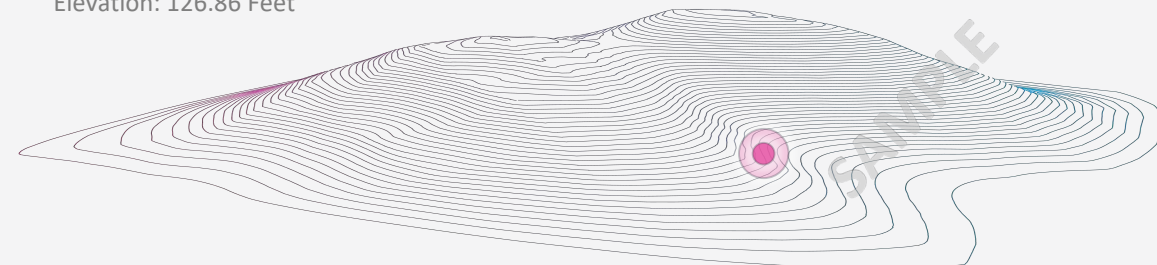
Latitude  
42.646610

Longitude  
-73.760230



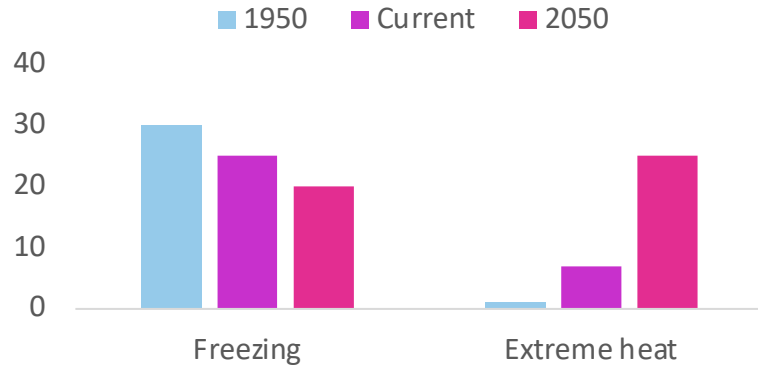
Google Maps Code J6WQ+MM Albany, New York

Elevation: 126.86 Feet

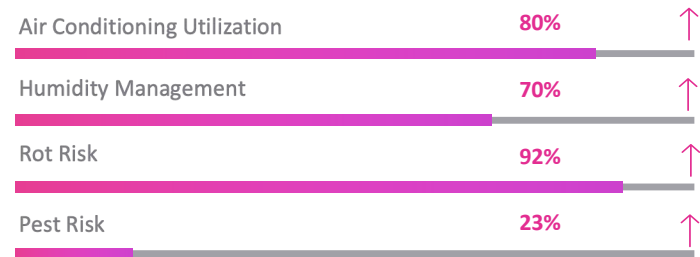




### Temperature Days Above/Below

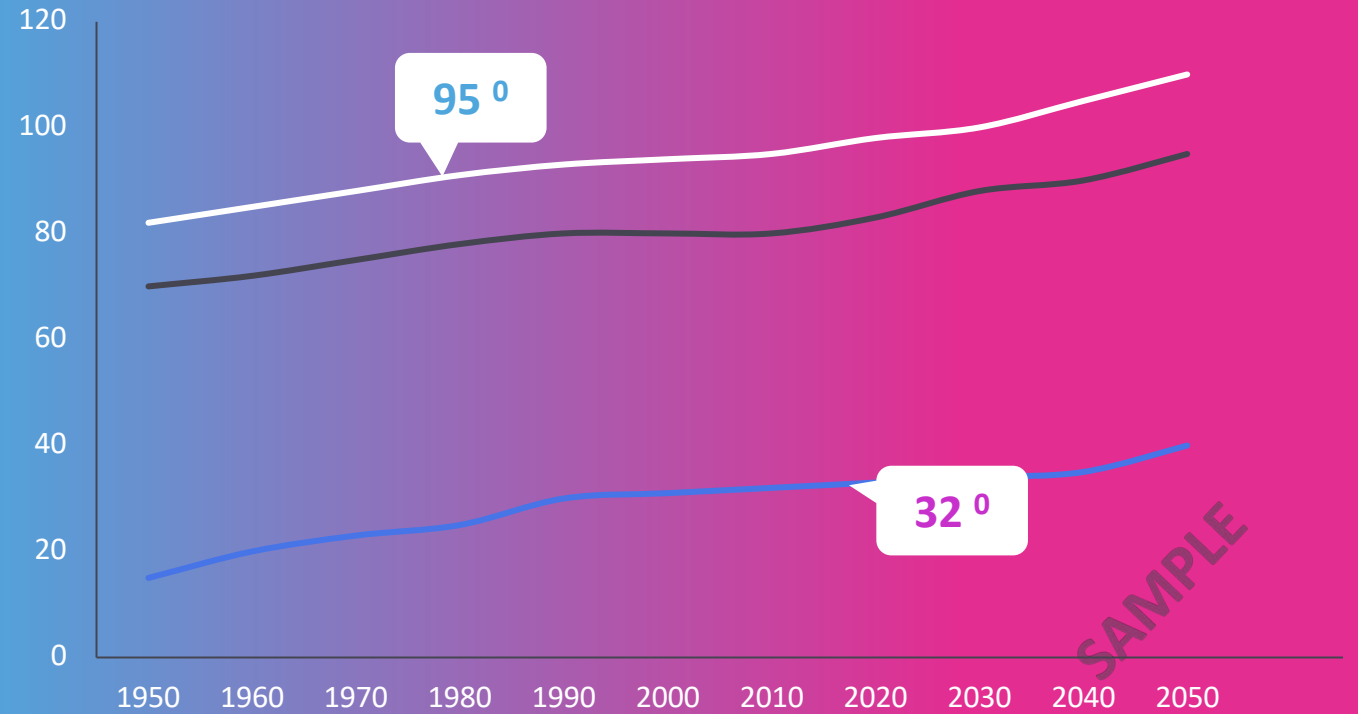


### Household systems impact



1950-2050

### Average, High & Low Temperatures



World Temperature Change 2050 Scenario: CCSM4 model under Scenario 8.5 by ESRI



## Precipitation

##

8

Lorem ipsum

### Community:

Shoreline changes

### Neighborhood

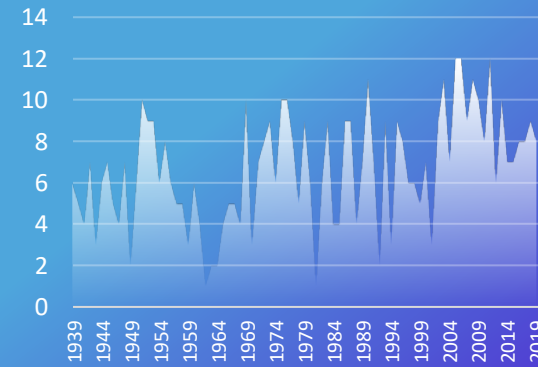
Nearby flood risk in adjacent properties

### Region

Humidity is increasing in this region and precipitation is projected to continue to increase over the next 30 years. Heavy rainfall events have increase 38% since 1901.

## Rainfall

Annual

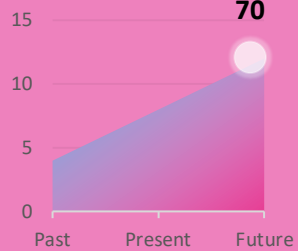


## Snowfall

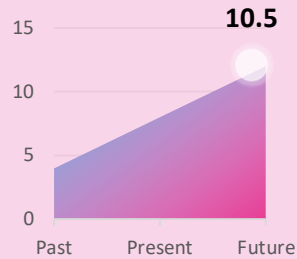
Annual



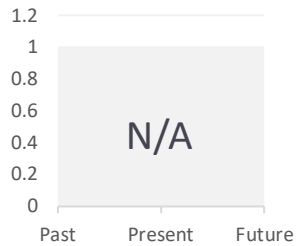
### Humidity



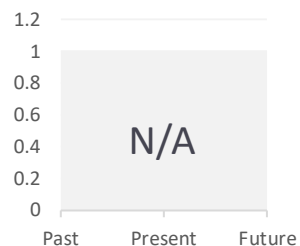
### Ground Water



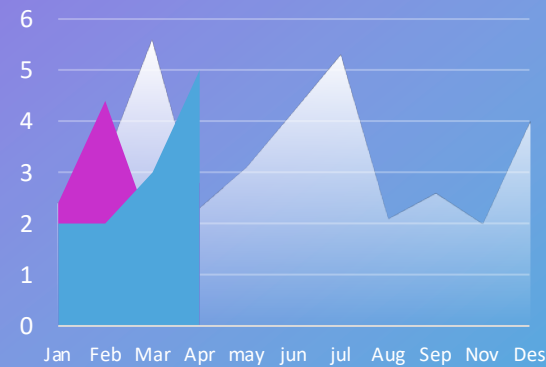
### Drought



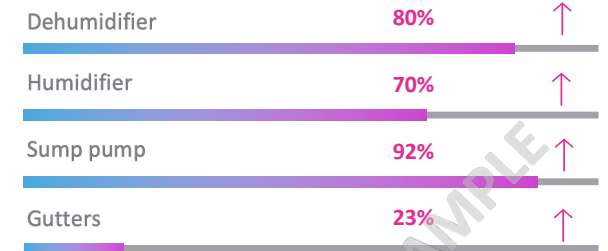
### Mold



## Seasonal Precipitation



## Household systems impact



Storm water management capacity to increase by 22%

## Flood Risk 1/10 factors

1

This property has  
minimal flood risk

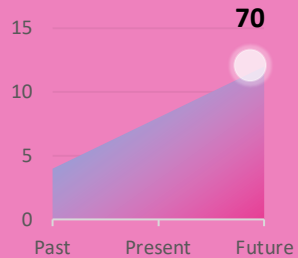
### Community:

13% of the properties in Albany, NY will be at risk of flooding within 30 years.

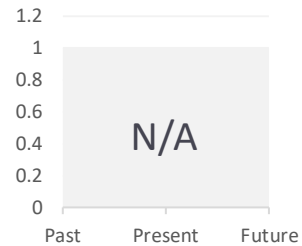
### Neighborhood

Area of impervious surfaces 43.2%  
Area lacking tree coverage 82.9%

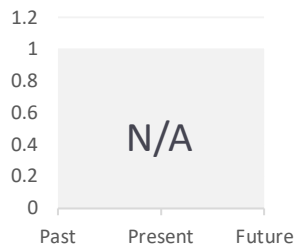
### High Intensity Rainfall



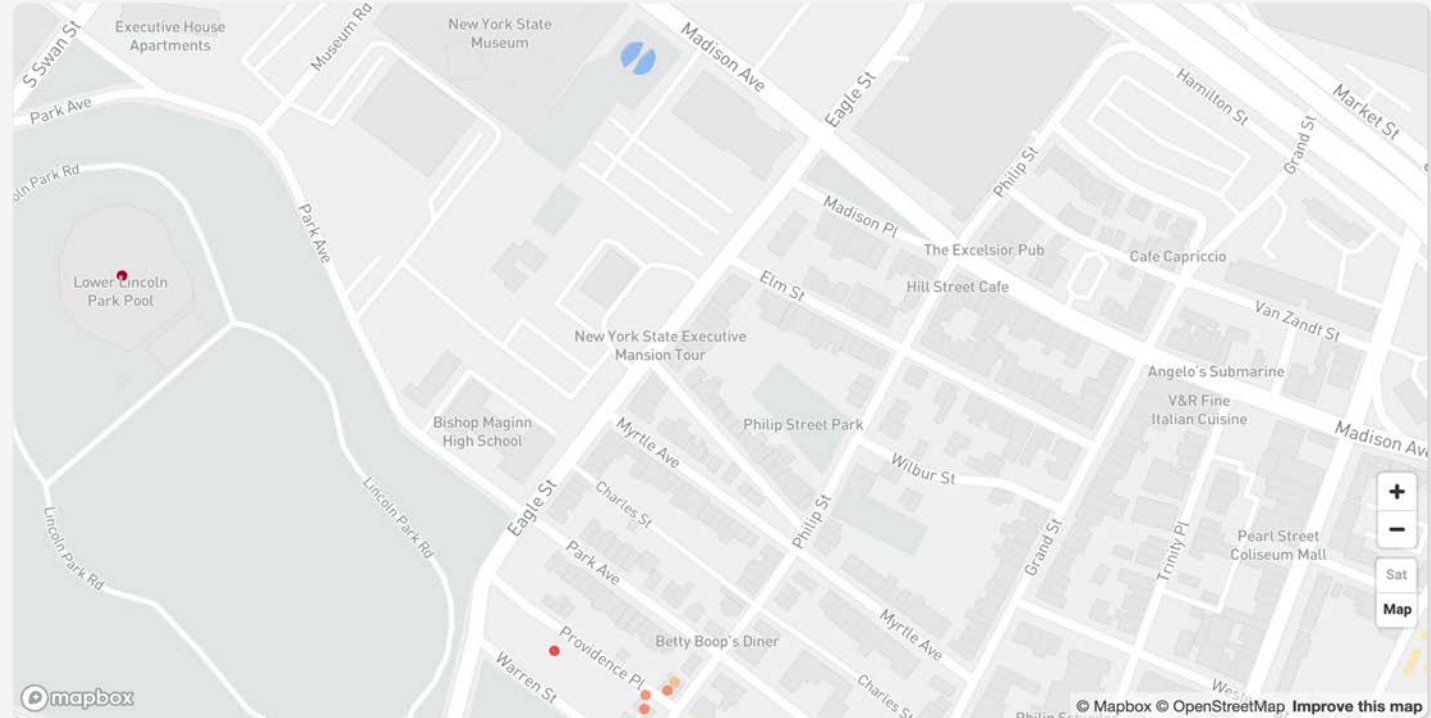
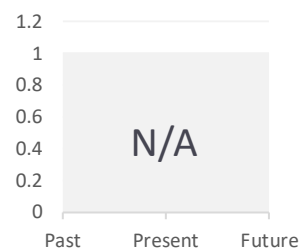
### Overflowing Rivers & Streams



### High Tides



### Coastal Storm Surges

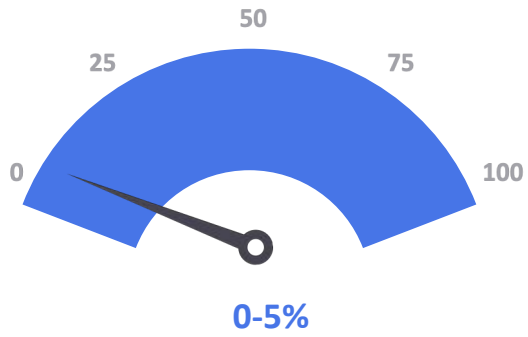


## Nearby Flood Risk

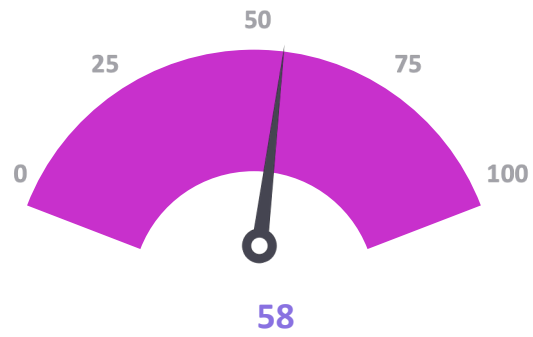
	Neighborhood	12202	Albany	County
<b>This year</b> # properties at risk	27	897	3,579	15,495
<b>In 30 years</b> # properties at risk	28	942	3,759	16,112
<b>% Change</b>	↑ 3.7%	↑ 5%	↑ 5%	↑ 4%



## Wildfire Risk



## Home fire risk



## Local Fire Risk Factors

### Climate change factors leading to **LOW** wildfire risk:

- Increased precipitation
- Increased humidity

### Current community factors leading to **MODERATE** home fire risk:

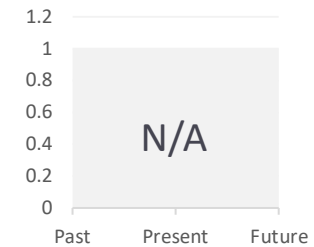
- Aging structures
- Lower utilization of smoke detectors

## Structural Considerations

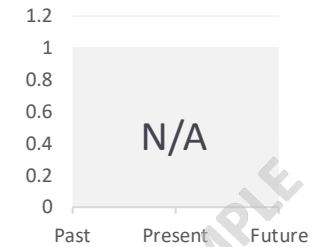
### This property should be evaluated for:

- Aging electrical wiring and fixtures
- Aging appliances

## Lighting Strike Risk



## Dry Vegetation





SAMPLE

## Storm Risk 50+ mph



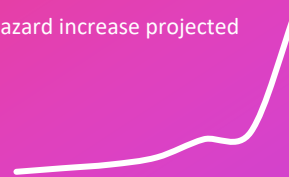
### Community:

\$54.8 million worth of damages have occurred in the county over the past decade due to severe thunderstorms alone.  
Damage from strong winds totaled \$510,000 and from tornadoes \$800,000

New York State Hazard Mitigation Plan (NYSHMP): the probability of future wind events in Albany County is anticipated to be 306%

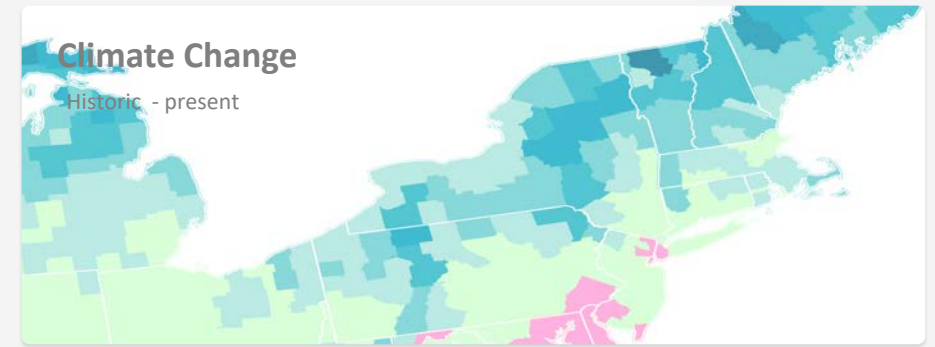
**306%**

Hazard increase projected

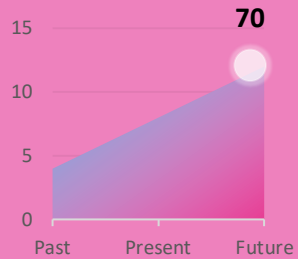


## Climate Change

Historic - present

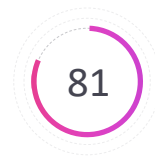


### High Wind



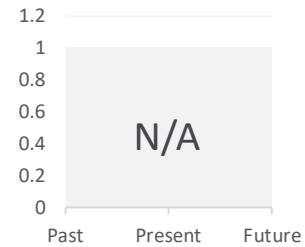
### Hail

Event percent probability

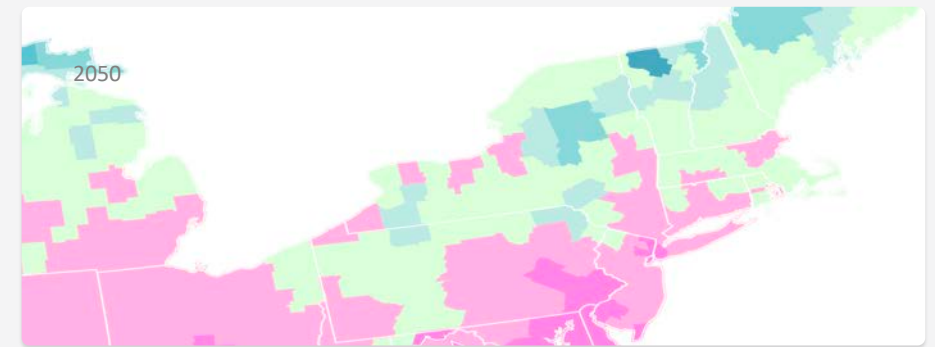


Future events Albany county NYSHMP

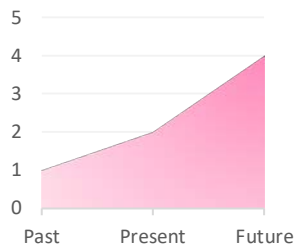
### Landslide



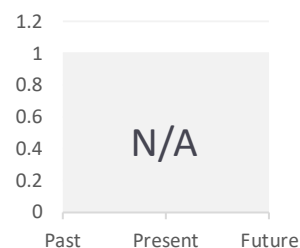
2050



### Hurricane -- outer bands



### Tornado



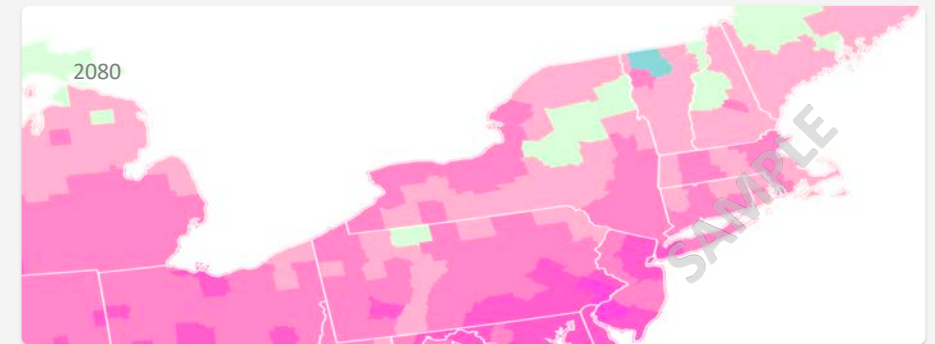
### Damaging Ice

Future hazard occurrence

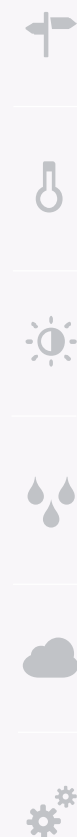


Future events Albany county NYSHMP

2080







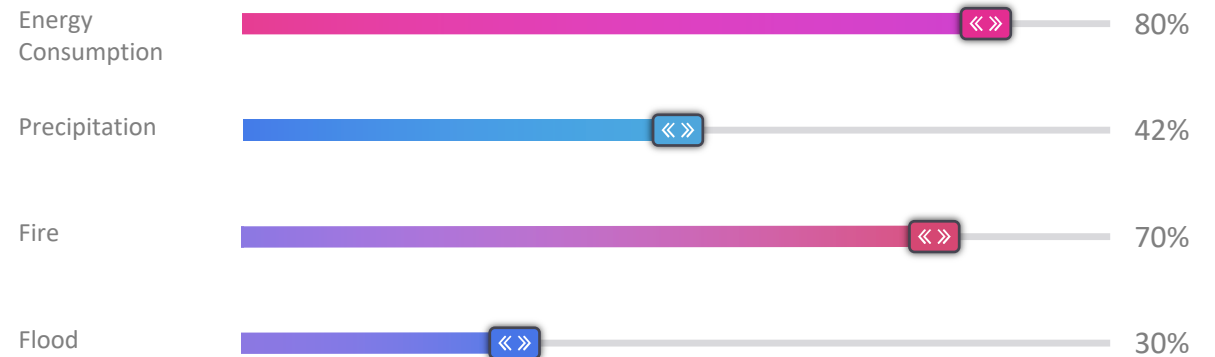
SAMPLE

### Recommendations

It's important to think of property climate adaptation from both an on-site and community-wide perspective. For example, if you decide to build a bunker-style concrete dome that can survive Cat-5 tornadoes and will never burn down, you will still suffer if the rest of your community is decimated in a natural disaster.

It is also very much worthwhile to work to prevent climate change, even while planning ahead for your family's location and housing needs.

### Climate Future Score Factors



### Project 1

Mitigation Adaptation

120  
Lorem

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See More



### Community Action

Local Project

25  
Lorem

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See More



### Project 2

Renewable Off-Grid  
Energy Independence

60  
Lorem

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See More

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