



**Year 2050: Coastal Annual Exceedance Probability**

*X% Chance of Inundation from Coastal Waters*

- Dry (no color)
- <=0.1%
- >0.1 to <=0.2%
- >0.2 to <=0.5%
- >0.5 to <=1%
- >1 to <=2%
- >2 to <=5%
- >5 to <=10%
- >10 to <=20%
- >20 to <=25%
- >25 to <=30%
- >30 to <=50%
- >50 to <=100%

- Parcel Lines
- Roofprints
- Automated Digitization from Aerial Photo

An example: A 5% coastal annual exceedance probability means that when a storm approaches in that 'climate condition' (i.e. the model's 2030, 2050, or 2070 scenarios) there would be a 5% chance of inundation in that area by coastal based waters.

100% Coastal Annual Exceedance Probability - represents areas where Annual High Tide will likely

Modeling Overview and FAQ: [https://www.mvcommission.org/sites/default/files/docs/MC-FRM\\_FAQ\\_Sheet\\_Final.pdf](https://www.mvcommission.org/sites/default/files/docs/MC-FRM_FAQ_Sheet_Final.pdf)

Folder: Requests\_WTI; Project: wti\_FRM\_CarlsWay.aprx  
Export: 6/17/2023 wti\_FRM2050P\_M35L7.jpg

Disclaimer: The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition or regulatory interpretation. Inundation data were not generated at the parcel-level scale. The map does not substitute for actual on-site survey, or supersede deed research. The MVC is not responsible for the end-user's interpretation of the data, subsequent analyses or conclusions.

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Data: Inundation - MassDOT Flood Risk Model 2020; Parcels - CAI Tech FY21; Aerial Photo/Rd Labels - ESRI/Firefly accessed on 3/7/22;  
Structures - MassGIS 2016. Coordinate Reference: Stateplane MassMainland NAD83 meters

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- West Tisbury -  
Flood Risk Model (MassDOT)

