



VILLAGE OF HASTINGS-ON-HUDSON

Comprehensive Plan & Local Waterfront Revitalization Plan

DRAFT

Sea Level Rise
December 2022

LEGEND

- Village of Hastings-on-Hudson/ Waterfront Revitalization Area
- County Boundary
- City/Town/Village Boundary
- Existing Coastal Area
- Railroad
- Major
- Local
- River/Stream
- Hudson River Mean High Water
- Sea Level**
- Inundation at 30"
- Inundation at 60"
- Inundation at 72"

The Hudson River Flood Decision Tool, developed by Columbia University, provides an estimate of inundation at various scenarios of predicted Sea Level Rise. This map illustrates the following Sea Level Rise scenarios which are comparable to the NYSDEC High Projections:

- 30" Sea Level Rise (2050s)
- 60" Sea Level Rise (2080s)
- 72" Sea Level Rise (2100)

Area of Sea Level Rise	Acreage	Percentage
Inundation at 30"	7.46	< 1%
Inundation at 60"	32.86	2.45%
Inundation at 72"	43.52	3.25%

NYSDEC Adopted Sea-Level Rise projections for the Lower- Hudson region, 6NYCRR Part

Time Interval	Low Projection	Low-Medium Projection	Medium Projection	High-Medium Projection	High Projection
2020s	2 inches	4 inches	6 inches	8 inches	10 inches
2050s	8 inches	11 inches	16 inches	21 inches	30 inches
2080s	13 inches	18 inches	29 inches	39 inches	58 inches
2100	15 inches	22 inches	36 inches	50 inches	75 inches



Sources: Esri, NYS ITS, DEC, Westchester County, Village of Hastings on Hudson, Columbia University Hudson River Flood Decision Tool

This map was prepared for illustrative purposes only and is not suitable for engineering, surveying, or legal purposes.

North arrow pointing up.

Scale bar: 0, 500, 1,000 Feet

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