



Sea level rise in Santa Barbara, CA

Sea level rise is a critical problem, especially for coastal cities such as Santa Barbara, California. Sea level rise projections in downtown Santa Barbara range from likely (~0.5 m) to catastrophic (~4 m). This map visualizes each projection of sea level rise in Santa Barbara. The table analyzes the cumulative impact of each scenario by summarizing area flooded (hectares), the number of parcels flooded, and the cost of property losses (\$ millions USD).

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Sources: Hunt, Zacharias. Tax Assessment Parcels. Santa Barbara County Enterprise Geographic Information System, 2010-03-07.
Office for Coastal Management, 2022: 2009 - 2011 CA Coastal Conservancy Coastal Lidar Project.

Sea level rise (meters)	Area flooded (hectares)	Parcels count	Flooded property losses (\$millions)
0	58.948	8	0.235
0.5	67.355	25	10.811
1	77.698	43	21.387
1.5	86.999	70	40.725
2	93.884	104	61.687
2.5	116.964	177	117.94
3	153.985	397	372.583
3.5	224.587	841	808.638
4	289.984	1409	1328.212