



**GUIDE TO SCORING**

Each asset was analyzed for exposure to flooding and heat. Further, the land cover type and social vulnerability score at each asset were noted. If a scoring category is blank, that indicates that the asset is not **exposed**. More detail on scoring follows:

Exposure & Data Source	Description
<p align="center"><b>Sea Level Rise and Storm Surge</b> Maine Geological Survey Storm Surge Scenarios (2018)</p>	<p>Identifies assets that are in the approximate extent of inundation on the Maine coast after scenarios of 1.2, 1.6, 3.9, and 8.8 feet of potential sea level rise, or storm surge, on top of the Highest Astronomical Tide.</p> <p>Maine's Climate Council has recommended the following actions for Sea Level Rise</p> <ul style="list-style-type: none"> <li>• "Commit to Manage": 1.5 ft of SLR by 2050; 3.9 ft by 2100</li> <li>• "Prepare to Manage": 3.0 ft of SLR by 2050; 8.8 ft by 2100</li> </ul>
<p align="center"><b>Flooding</b> FEMA National Flood Hazard Layer <i>*includes preliminary data where effective FEMA FIRMS were not available digitally. More information at: <a href="https://www.fema.gov/flood-maps/national-flood-hazard-layer">https://www.fema.gov/flood-maps/national-flood-hazard-layer</a></i></p>	<p>Identifies assets in the 100 and 500 year flood plains. FEMA uses historical data to predict current flood risk and does not include future flood projections.</p> <p>This also identifies the asset's Flood Hazard Zone, if any. Zone definitions: <a href="https://www.fema.gov/glossary/flood-zones">https://www.fema.gov/glossary/flood-zones</a></p>
<p align="center"><b>Urban Heat Island</b> The Trust for Public Land (2019)</p>	<p>This shows where certain areas of cities are hotter than the average temperature for that same city as a whole. Severity is measured on a scale of 1 to 5, with 1 being a relatively mild heat area (slightly above the mean for the city), and 5 being a severe heat area (significantly above the mean for the city).</p>
<p align="center"><b>Land Cover Type</b> National Land Cover Database (2016)</p>	<p>Provides land cover type of each asset at a 30 meter resolution. All cover type definitions can be found at: <a href="https://www.mrlc.gov/data/legends/national-land-cover-database-class-legend-and-description">https://www.mrlc.gov/data/legends/national-land-cover-database-class-legend-and-description</a></p>
<p align="center"><b>Social Vulnerability</b> CDC Social Vulnerability Index (2020)</p>	<p>The CDC/ATSDR Social Vulnerability Index (CDC/ATSDR SVI) uses 15 U.S. census variables to help local officials identify communities that may need support before, during, or after disasters.</p> <p>Social vulnerability is scored from 0 to 1. A social vulnerability score of .5 is the US average. Those scoring 0 to .49 are considered to have less vulnerability (i.e., more resilient) than the US average. Those scoring above .5 are more vulnerable than the US average.</p>