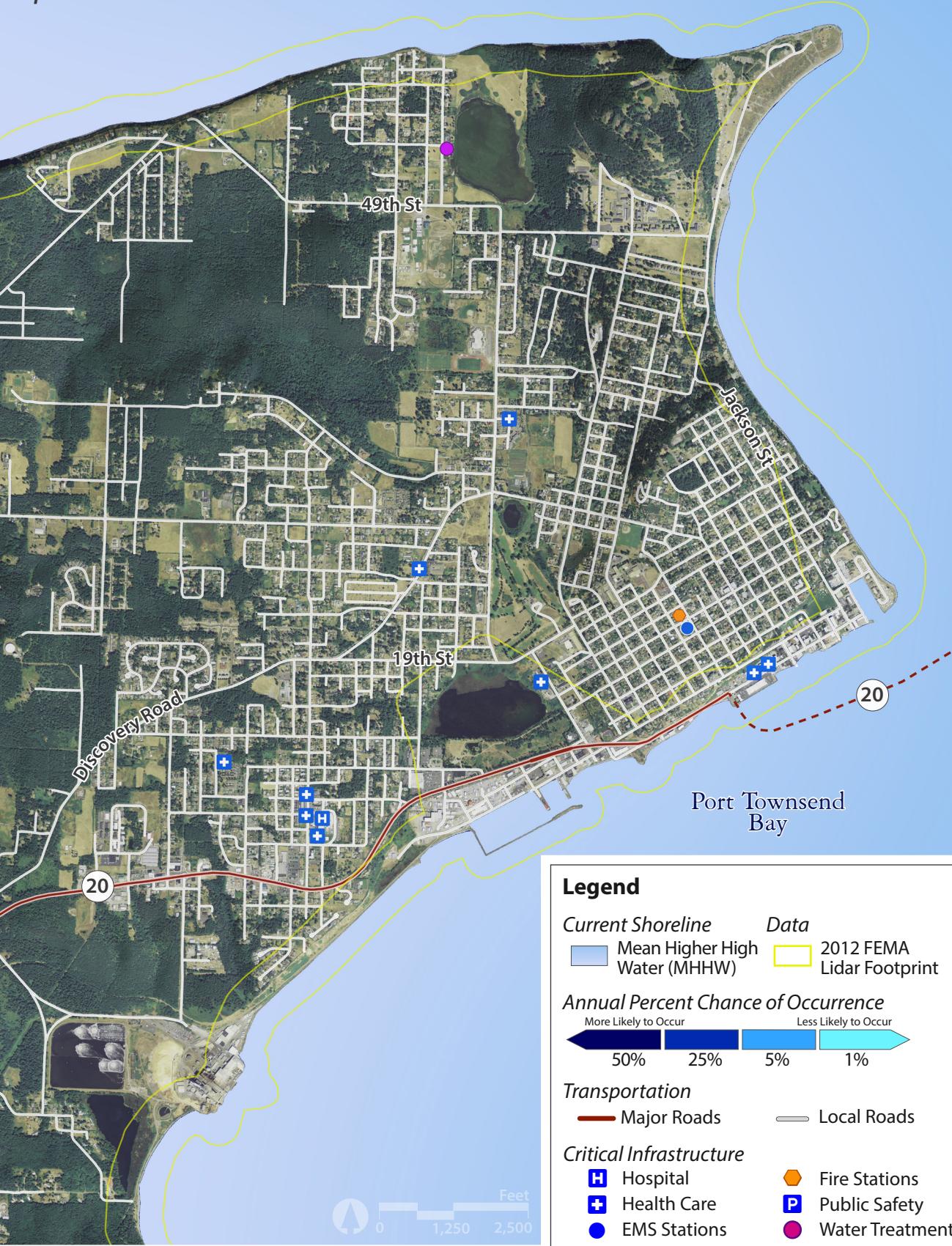


Sea Level Rise Inundation Area in 2030, PORT TOWNSEND

Probabilistic Projections of Changes to Average Daily High Tide Inundation

Due to Sea Level Rise

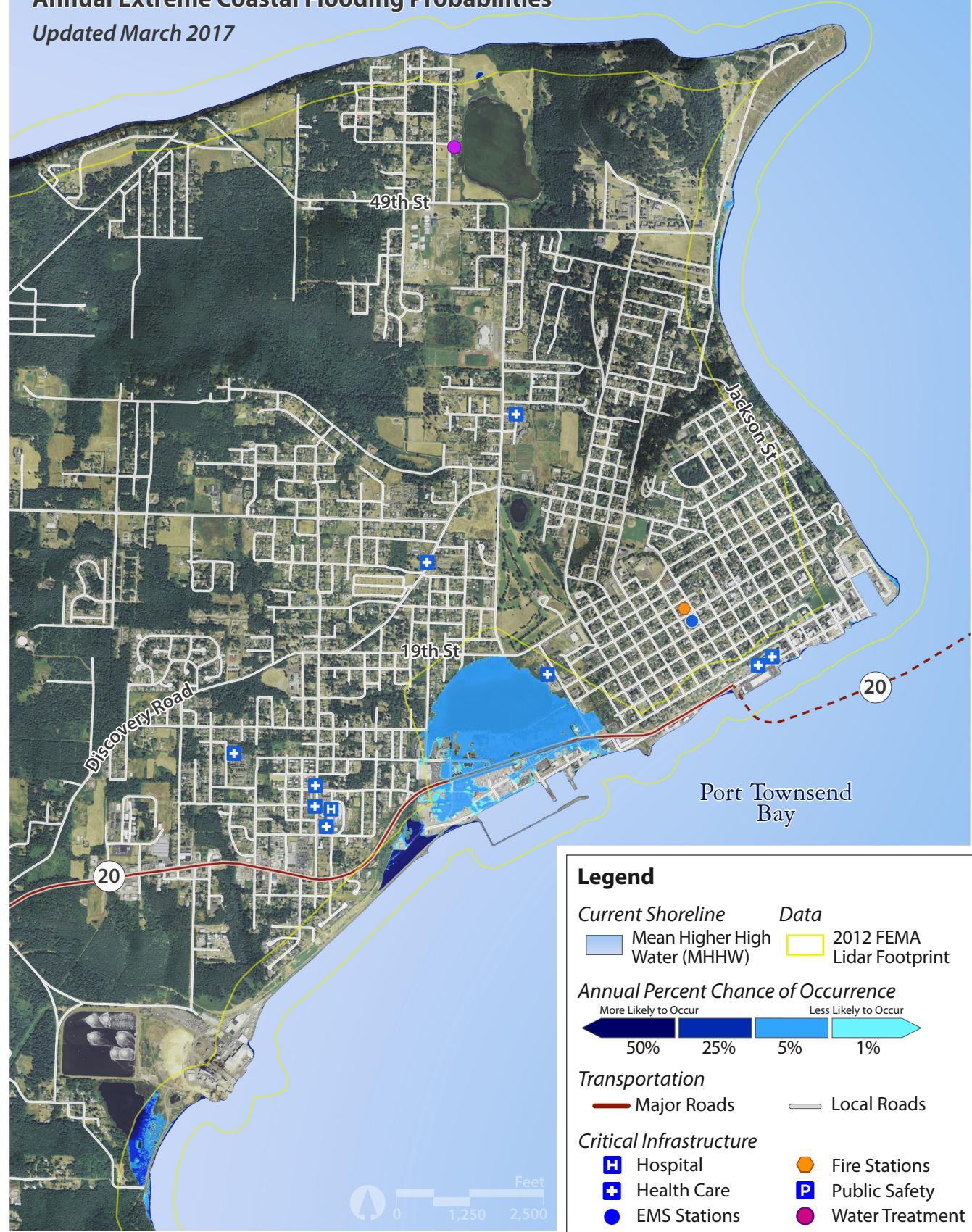
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Annual Extreme Storm Flooded Areas in 2030 with Sea Level Rise, PORT TOWNSEND

Combined Probabilistic Sea Level Rise Projections and Annual Extreme Coastal Flooding Probabilities

Updated March 2017



Notes

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
- The mapped 'Current Shoreline' is the Mean Higher High Water datum, 1983–2001 epoch, as provided by the National Oceanic and Atmospheric Administration (NOAA).
- Maps use lidar-based elevation data from 2012 (FEMA; shown in maps as yellow outline) and 2001–02 (all elevation data outside of the FEMA 2012 outline) made available through the Puget Sound Lidar Consortium (PSLC). Accuracy of elevation data at individual sites has not been verified.
- Maps do not reflect shoreline change or erosion.
- Maps do not reflect the additional flood risk associated with waves in elevating water level during storms (applies to the Annual Extreme Storm Flooded Areas with Sea Level Rise map only).
- Annual extreme flooding probabilities derived from historical data collected at NOAA tide stations and do not take into account possible climate-related changes to storminess patterns (applies to the Annual Extreme Storm Flooded Areas with Sea Level Rise map only).

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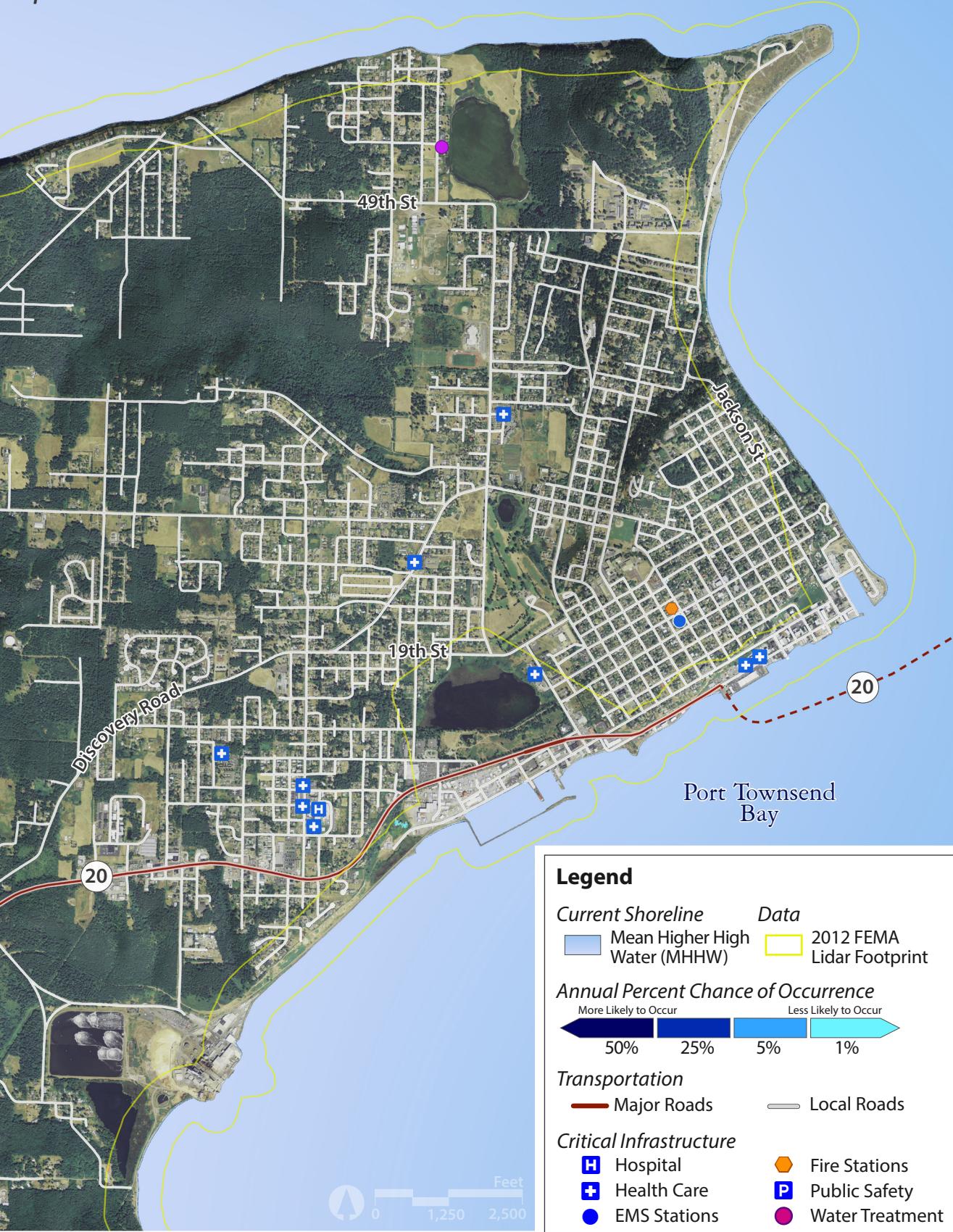
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Sea Level Rise Inundation Area in 2050, PORT TOWNSEND

Probabilistic Projections of Changes to Average Daily High Tide Inundation

Due to Sea Level Rise

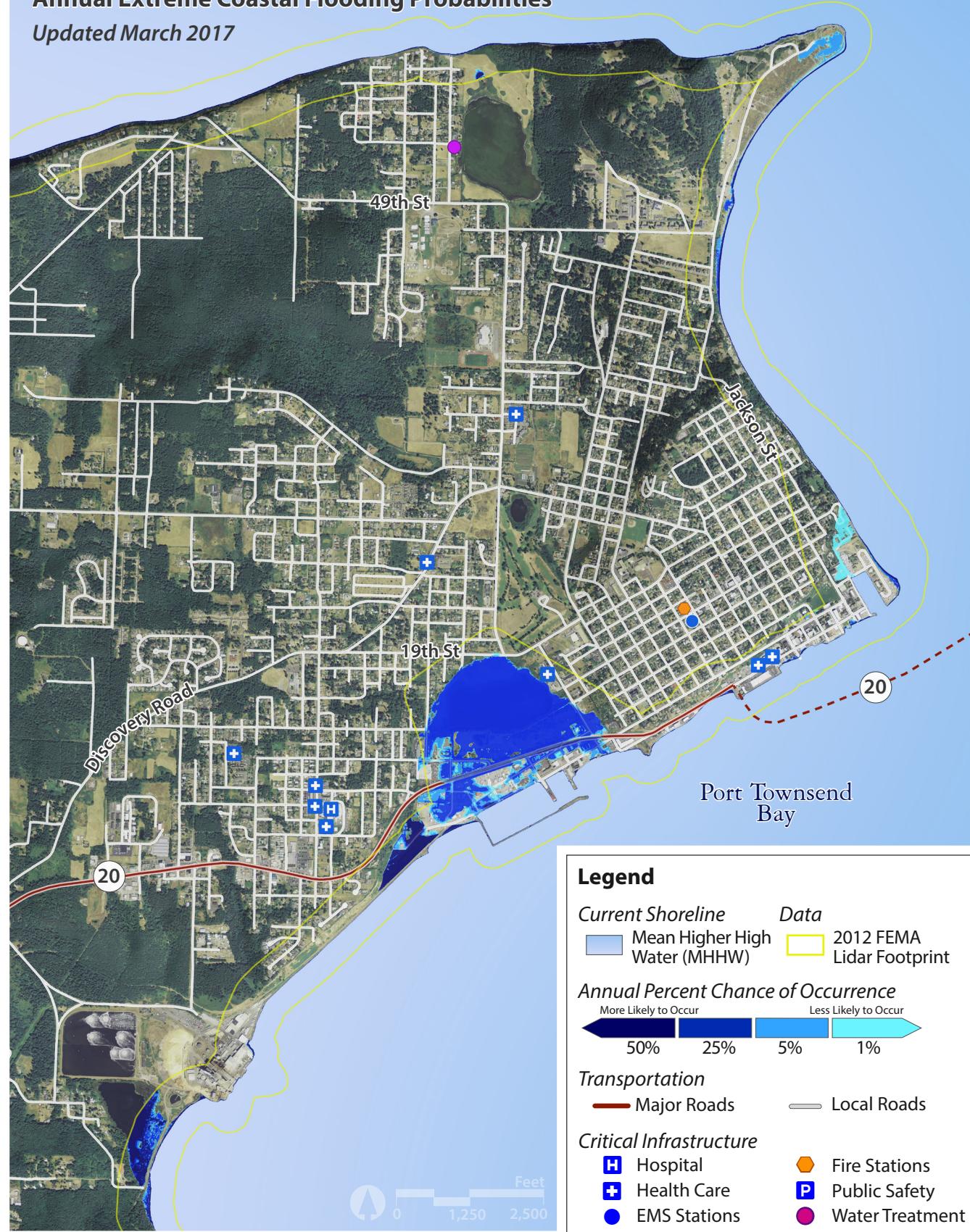
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Annual Extreme Storm Flooded Areas in 2050 with Sea Level Rise, PORT TOWNSEND

Combined Probabilistic Sea Level Rise Projections and Annual Extreme Coastal Flooding Probabilities

Updated March 2017



Notes

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
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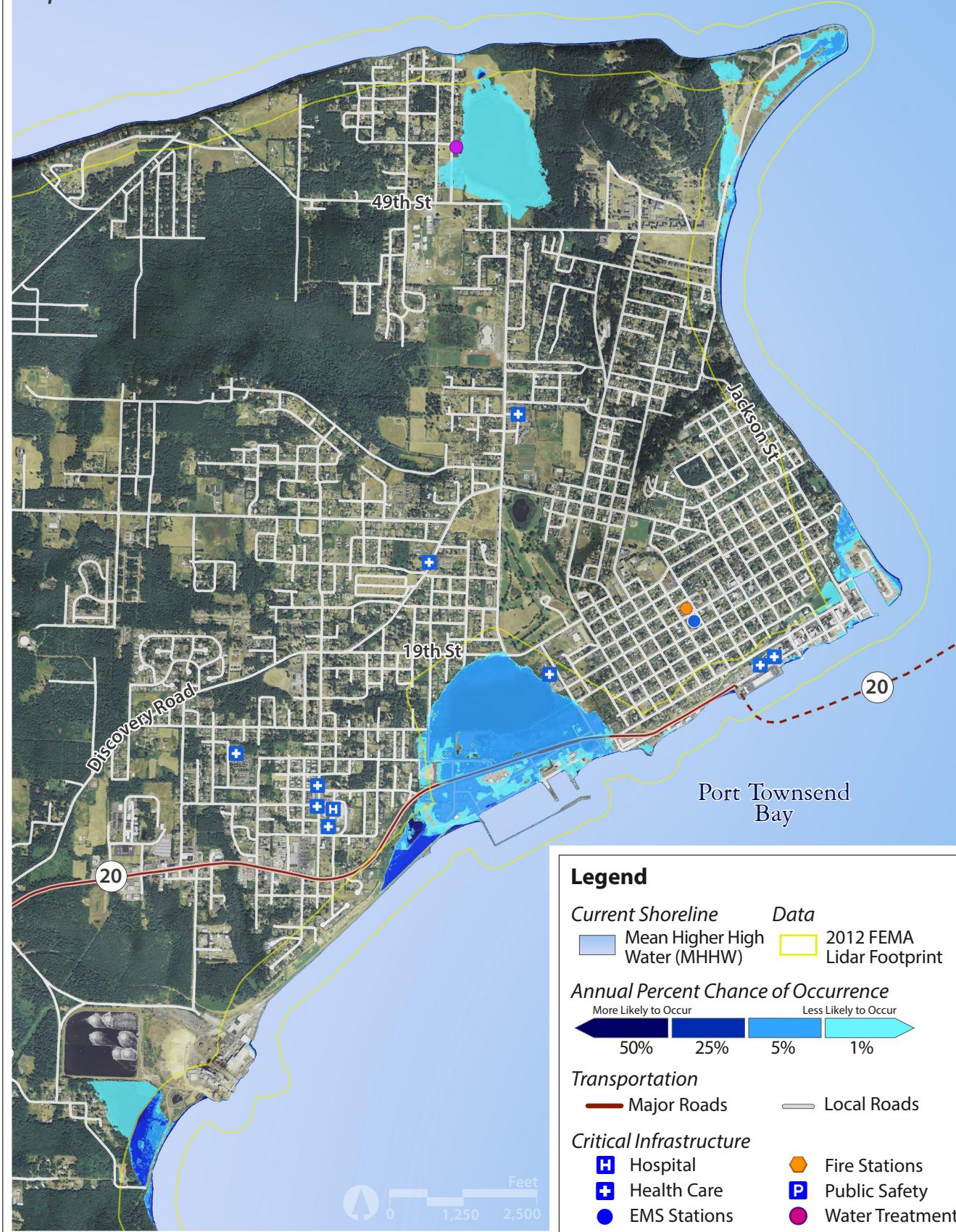
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Sea Level Rise Inundation Area in 2100, PORT TOWNSEND

Probabilistic Projections of Changes to Average Daily High Tide Inundation

Due to Sea Level Rise

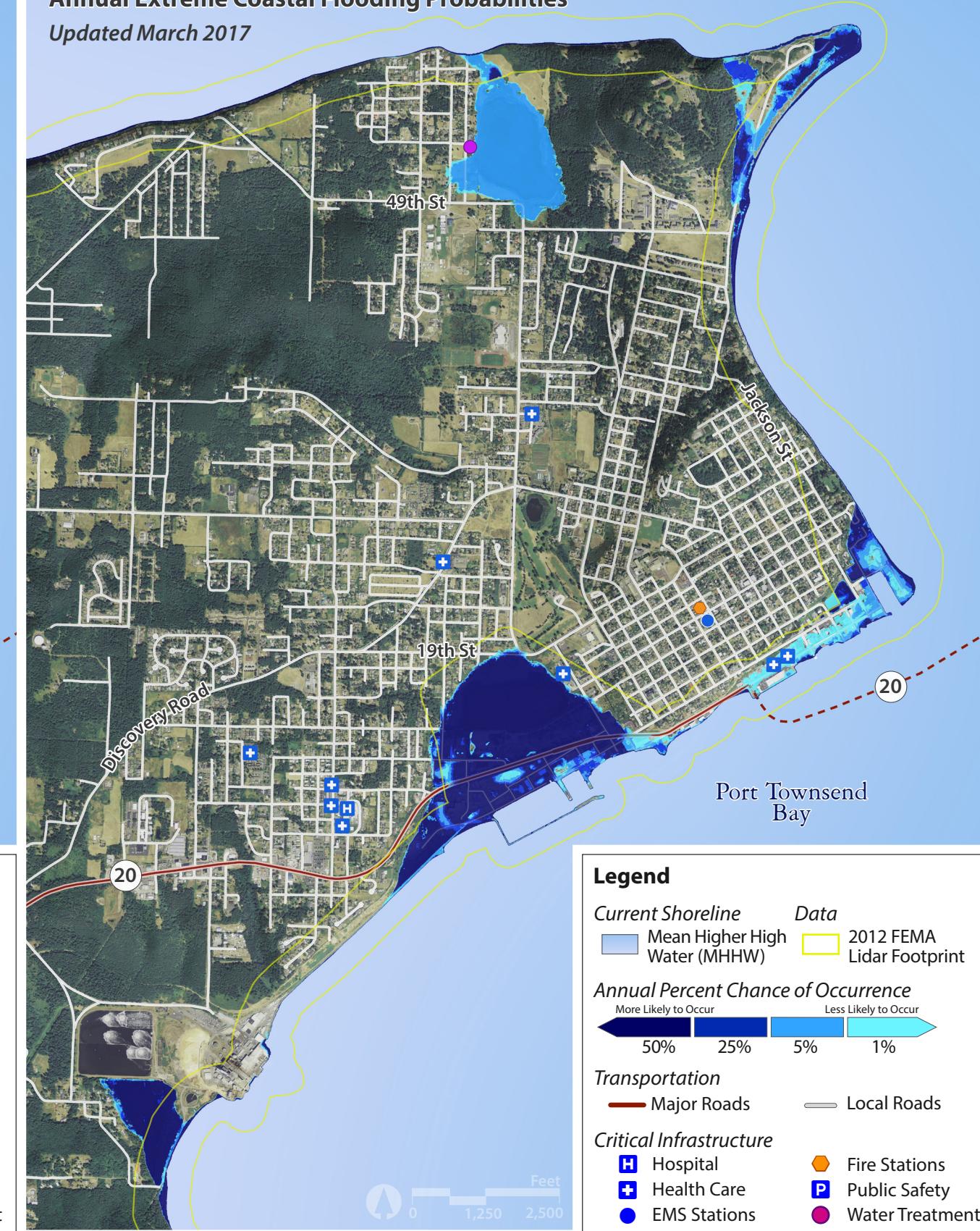
Updated March 2017



Annual Extreme Storm Flooded Areas in 2100 with Sea Level Rise, PORT TOWNSEND

Combined Probabilistic Sea Level Rise Projections and Annual Extreme Coastal Flooding Probabilities

Updated March 2017



Notes

- Sea-level rise projections based on Kopp et al., 2014 (Probabilistic 21st and 22nd century sea-level projections at a global network of tide gauge sites) for RCP 8.5, and adjusted for vertical land movement.
- The mapped 'Current Shoreline' is the Mean Higher High Water datum, 1983–2001 epoch, as provided by the National Oceanic and Atmospheric Administration (NOAA).
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- Maps do not reflect the additional flood risk associated with waves in elevating water level during storms (applies to the Annual Extreme Storm Flooded Areas with Sea Level Rise map only).
- Annual extreme flooding probabilities derived from historical data collected at NOAA tide stations and do not take into account possible climate-related changes to storminess patterns (applies to the Annual Extreme Storm Flooded Areas with Sea Level Rise map only).

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