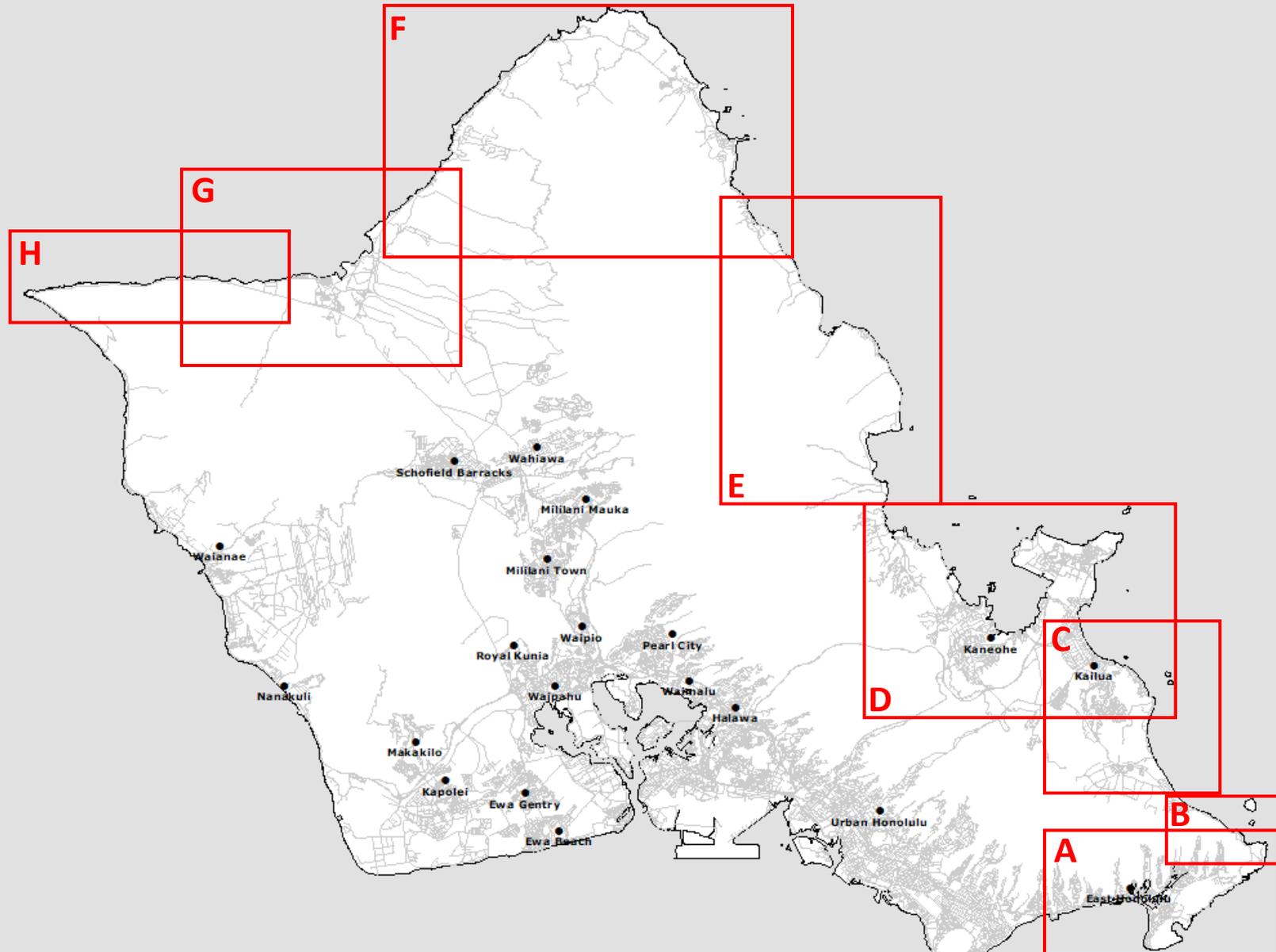


Map Book: Storm Surge Maximum Envelope of Water (MEOW) City and County of Honolulu, HI (25JUL20) FOR PLANNING PURPOSES ONLY

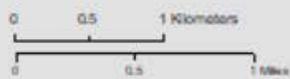
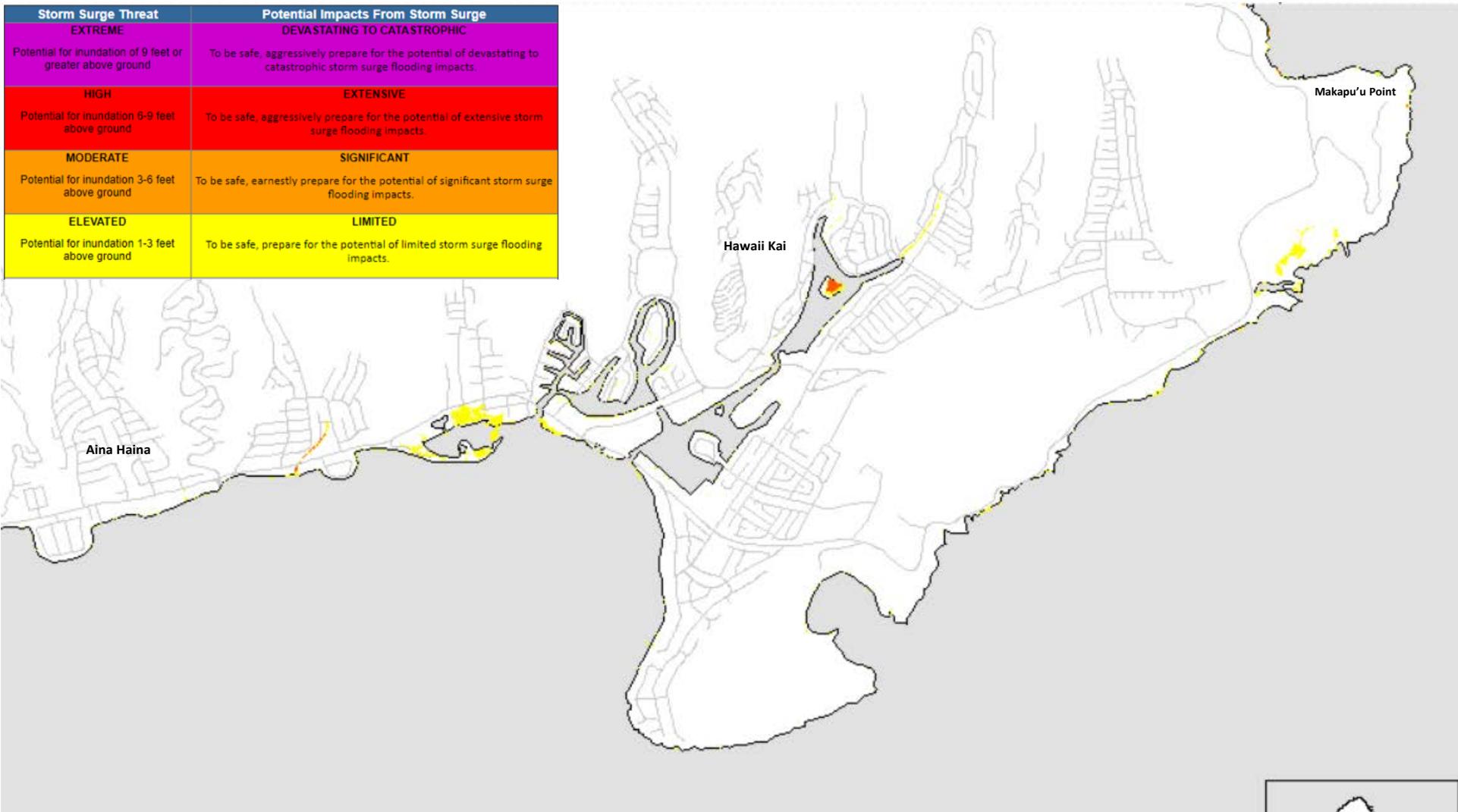


Storm Surge Maximum Envelope of Water (MEOW) Reference Map - A

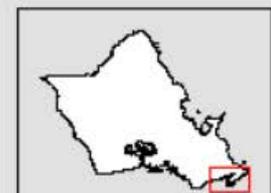
Direction W and WNW: CAT 1 - City and County of Honolulu, HI

FOR PLANNING PURPOSES ONLY

Storm Surge Threat	Potential Impacts From Storm Surge
EXTREME Potential for inundation of 9 feet or greater above ground	DEVASTATING TO CATASTROPHIC To be safe, aggressively prepare for the potential of devastating to catastrophic storm surge flooding impacts.
HIGH Potential for inundation 6-9 feet above ground	EXTENSIVE To be safe, aggressively prepare for the potential of extensive storm surge flooding impacts.
MODERATE Potential for inundation 3-6 feet above ground	SIGNIFICANT To be safe, earnestly prepare for the potential of significant storm surge flooding impacts.
ELEVATED Potential for inundation 1-3 feet above ground	LIMITED To be safe, prepare for the potential of limited storm surge flooding impacts.



*This map depicts the potential flooding that could be produced from storm surge during a tropical cyclone. Storm surge is water from the ocean that is pushed onshore by the force of the winds. Flooding from storm surge depends on many factors, such as the track, intensity, size, and forward speed of the tropical cyclone and the characteristics of the coastline where it comes ashore or passes nearby. These factors are difficult to predict far in advance of a tropical cyclone affecting a particular area. This map is a worst-case composite for a particular hurricane category, forward speed, trajectory, incorporating uncertainties in the track, intensity, and size forecast. It includes many assumptions and has limitations, and it cannot tell you what amount of flooding will definitely occur at any given location. The actual areas that could become flooded may differ from the areas shown on this map. This map accounts for tides, but not waves and not flooding caused by rainfall.

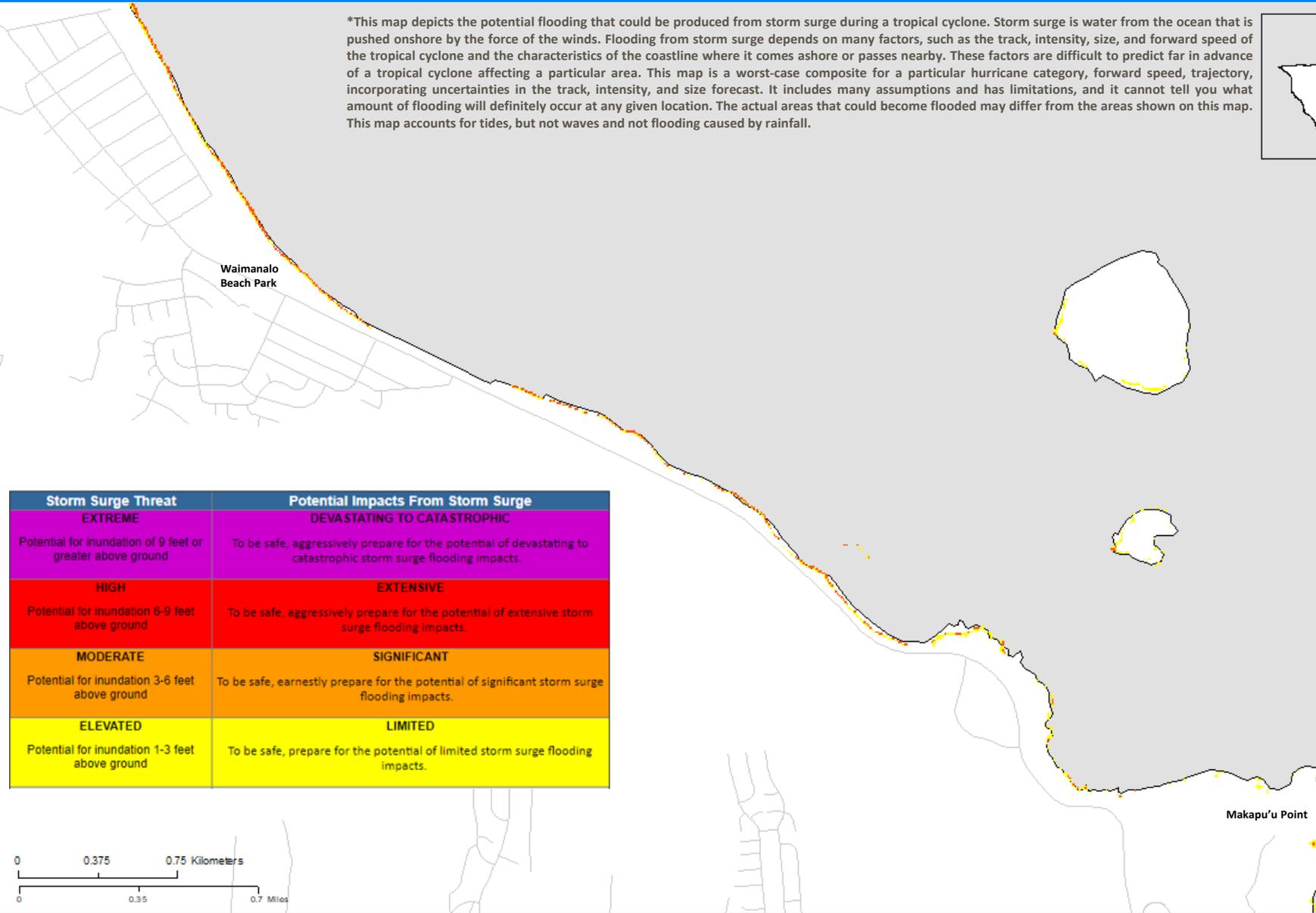
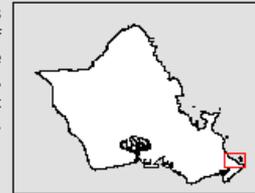


Storm Surge Maximum Envelope of Water (MEOW) Reference Map - B

Direction W and WNW: CAT 1 - City and County of Honolulu, HI

FOR PLANNING PURPOSES ONLY

*This map depicts the potential flooding that could be produced from storm surge during a tropical cyclone. Storm surge is water from the ocean that is pushed onshore by the force of the winds. Flooding from storm surge depends on many factors, such as the track, intensity, size, and forward speed of the tropical cyclone and the characteristics of the coastline where it comes ashore or passes nearby. These factors are difficult to predict far in advance of a tropical cyclone affecting a particular area. This map is a worst-case composite for a particular hurricane category, forward speed, trajectory, incorporating uncertainties in the track, intensity, and size forecast. It includes many assumptions and has limitations, and it cannot tell you what amount of flooding will definitely occur at any given location. The actual areas that could become flooded may differ from the areas shown on this map. This map accounts for tides, but not waves and not flooding caused by rainfall.

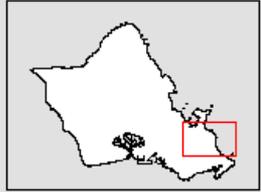
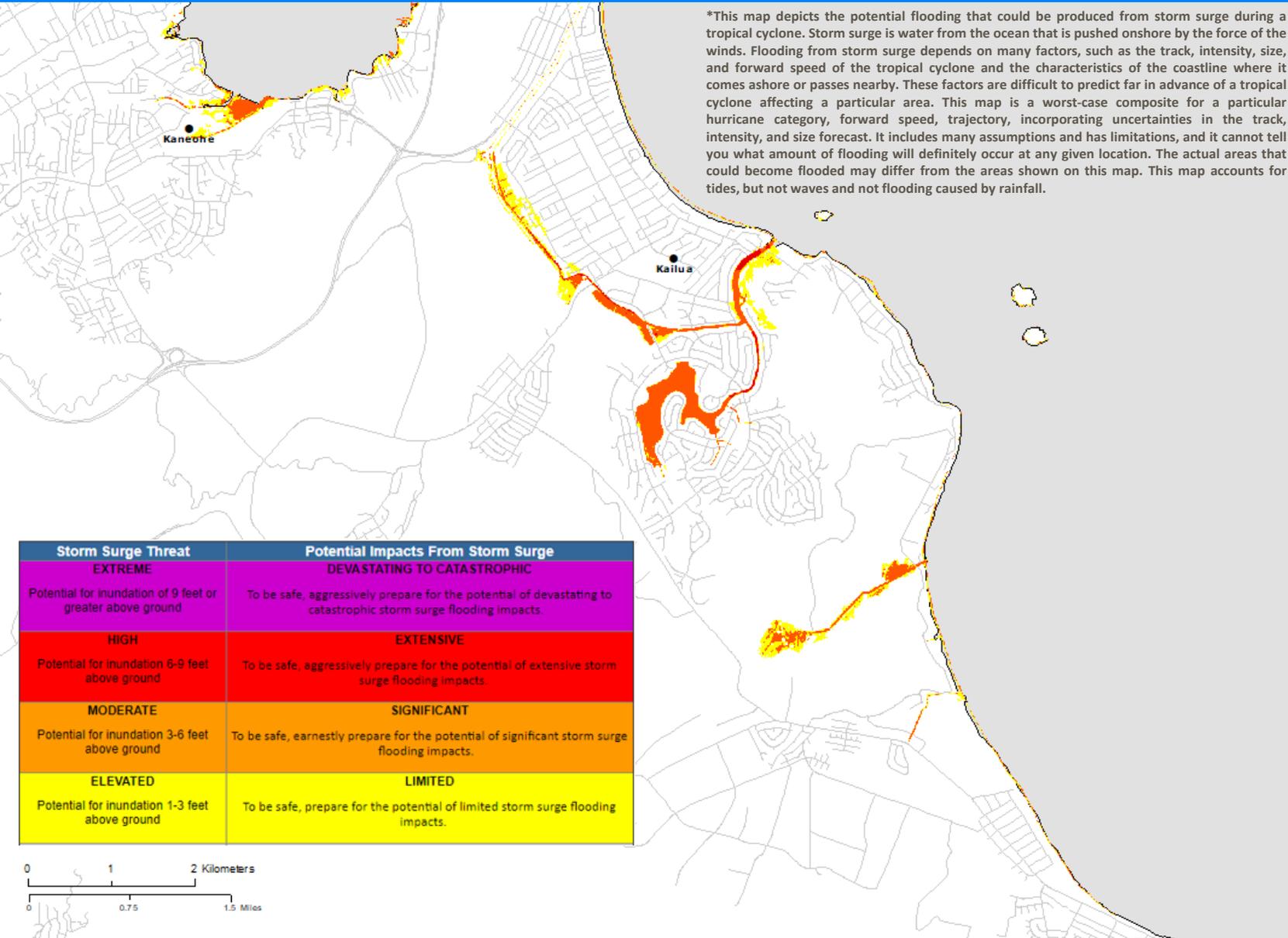


Storm Surge Threat	Potential Impacts From Storm Surge
EXTREME Potential for inundation of 9 feet or greater above ground	DEVASTATING TO CATASTROPHIC To be safe, aggressively prepare for the potential of devastating to catastrophic storm surge flooding impacts.
HIGH Potential for inundation 6-9 feet above ground	EXTENSIVE To be safe, aggressively prepare for the potential of extensive storm surge flooding impacts.
MODERATE Potential for inundation 3-6 feet above ground	SIGNIFICANT To be safe, earnestly prepare for the potential of significant storm surge flooding impacts.
ELEVATED Potential for inundation 1-3 feet above ground	LIMITED To be safe, prepare for the potential of limited storm surge flooding impacts.

Storm Surge Maximum Envelope of Water (MEOW) Reference Map - C

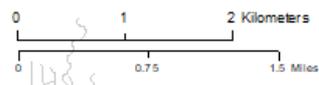
Direction W and WNW: CAT 1 - City and County of Honolulu, HI

FOR PLANNING PURPOSES ONLY



*This map depicts the potential flooding that could be produced from storm surge during a tropical cyclone. Storm surge is water from the ocean that is pushed onshore by the force of the winds. Flooding from storm surge depends on many factors, such as the track, intensity, size, and forward speed of the tropical cyclone and the characteristics of the coastline where it comes ashore or passes nearby. These factors are difficult to predict far in advance of a tropical cyclone affecting a particular area. This map is a worst-case composite for a particular hurricane category, forward speed, trajectory, incorporating uncertainties in the track, intensity, and size forecast. It includes many assumptions and has limitations, and it cannot tell you what amount of flooding will definitely occur at any given location. The actual areas that could become flooded may differ from the areas shown on this map. This map accounts for tides, but not waves and not flooding caused by rainfall.

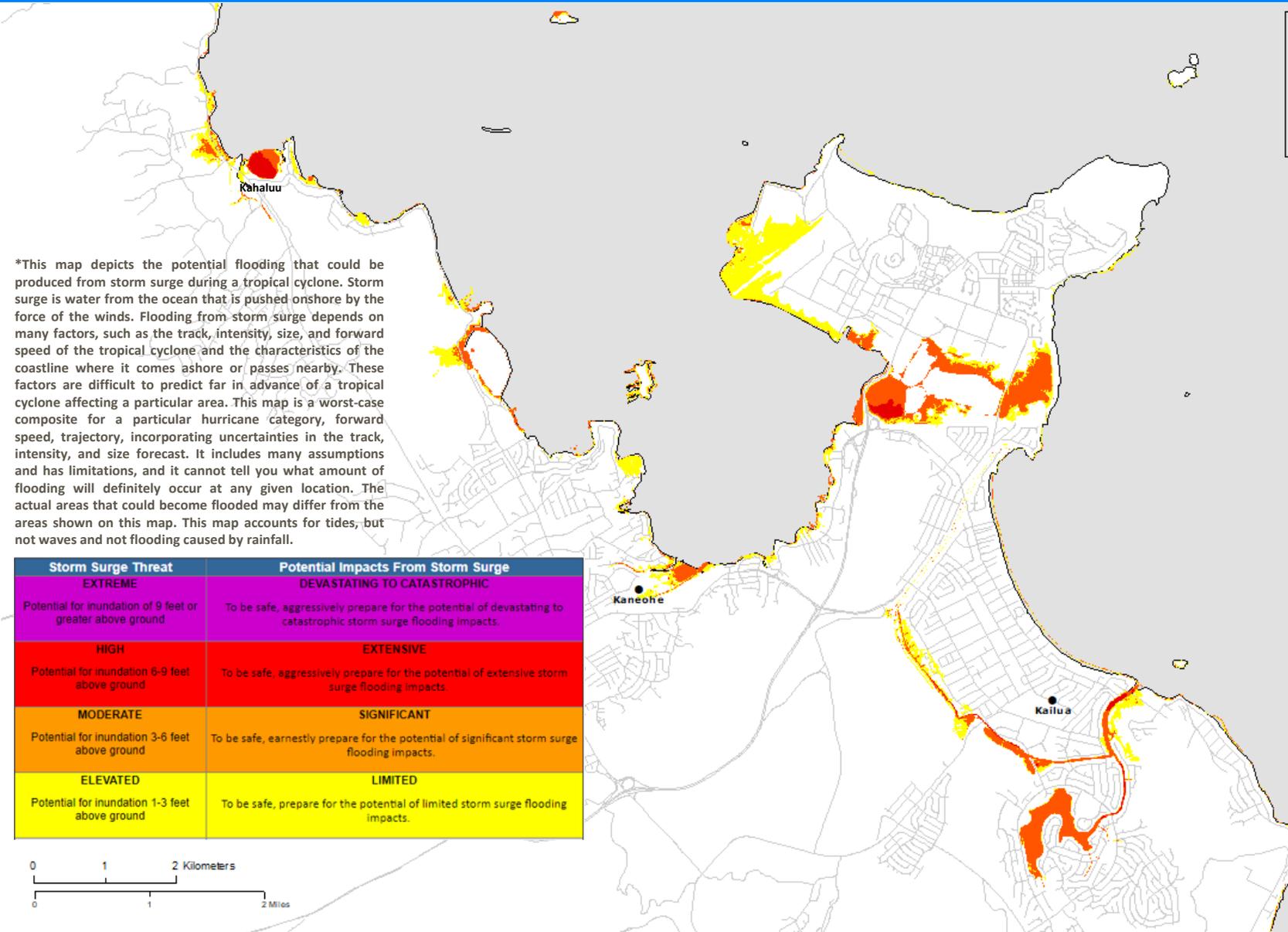
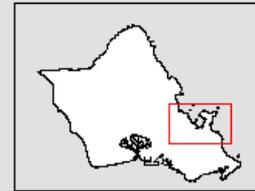
Storm Surge Threat	Potential Impacts From Storm Surge
EXTREME Potential for inundation of 9 feet or greater above ground	DEVASTATING TO CATASTROPHIC To be safe, aggressively prepare for the potential of devastating to catastrophic storm surge flooding impacts.
HIGH Potential for inundation 6-9 feet above ground	EXTENSIVE To be safe, aggressively prepare for the potential of extensive storm surge flooding impacts.
MODERATE Potential for inundation 3-6 feet above ground	SIGNIFICANT To be safe, earnestly prepare for the potential of significant storm surge flooding impacts.
ELEVATED Potential for inundation 1-3 feet above ground	LIMITED To be safe, prepare for the potential of limited storm surge flooding impacts.



Storm Surge Maximum Envelope of Water (MEOW) Reference Map - D

Direction W and WNW: CAT 1 - City and County of Honolulu, HI

FOR PLANNING PURPOSES ONLY



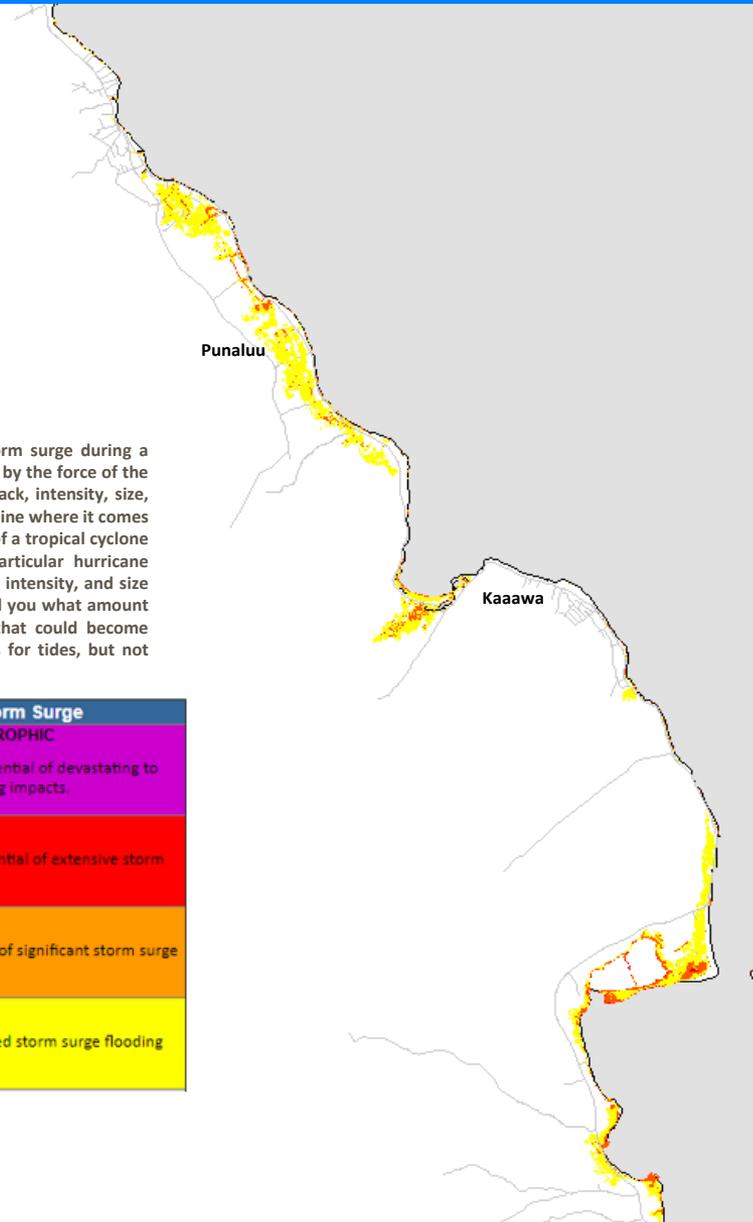
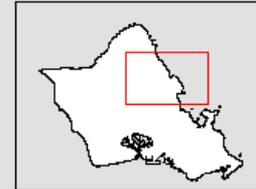
*This map depicts the potential flooding that could be produced from storm surge during a tropical cyclone. Storm surge is water from the ocean that is pushed onshore by the force of the winds. Flooding from storm surge depends on many factors, such as the track, intensity, size, and forward speed of the tropical cyclone and the characteristics of the coastline where it comes ashore or passes nearby. These factors are difficult to predict far in advance of a tropical cyclone affecting a particular area. This map is a worst-case composite for a particular hurricane category, forward speed, trajectory, incorporating uncertainties in the track, intensity, and size forecast. It includes many assumptions and has limitations, and it cannot tell you what amount of flooding will definitely occur at any given location. The actual areas that could become flooded may differ from the areas shown on this map. This map accounts for tides, but not waves and not flooding caused by rainfall.

Storm Surge Threat	Potential Impacts From Storm Surge
EXTREME Potential for inundation of 9 feet or greater above ground	DEVASTATING TO CATASTROPHIC To be safe, aggressively prepare for the potential of devastating to catastrophic storm surge flooding impacts.
HIGH Potential for inundation 6-9 feet above ground	EXTENSIVE To be safe, aggressively prepare for the potential of extensive storm surge flooding impacts.
MODERATE Potential for inundation 3-6 feet above ground	SIGNIFICANT To be safe, earnestly prepare for the potential of significant storm surge flooding impacts.
ELEVATED Potential for inundation 1-3 feet above ground	LIMITED To be safe, prepare for the potential of limited storm surge flooding impacts.

Storm Surge Maximum Envelope of Water (MEOW) Reference Map - E

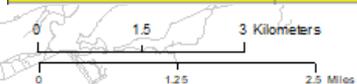
Direction W and WNW: CAT 1 - City and County of Honolulu, HI

FOR PLANNING PURPOSES ONLY



*This map depicts the potential flooding that could be produced from storm surge during a tropical cyclone. Storm surge is water from the ocean that is pushed onshore by the force of the winds. Flooding from storm surge depends on many factors, such as the track, intensity, size, and forward speed of the tropical cyclone and the characteristics of the coastline where it comes ashore or passes nearby. These factors are difficult to predict far in advance of a tropical cyclone affecting a particular area. This map is a worst-case composite for a particular hurricane category, forward speed, trajectory, incorporating uncertainties in the track, intensity, and size forecast. It includes many assumptions and has limitations, and it cannot tell you what amount of flooding will definitely occur at any given location. The actual areas that could become flooded may differ from the areas shown on this map. This map accounts for tides, but not waves and not flooding caused by rainfall.

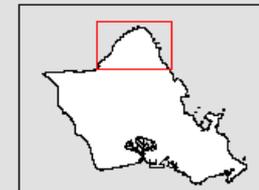
Storm Surge Threat	Potential Impacts From Storm Surge
EXTREME Potential for inundation of 9 feet or greater above ground	DEVASTATING TO CATASTROPHIC To be safe, aggressively prepare for the potential of devastating to catastrophic storm surge flooding impacts.
HIGH Potential for inundation 6-9 feet above ground	EXTENSIVE To be safe, aggressively prepare for the potential of extensive storm surge flooding impacts.
MODERATE Potential for inundation 3-6 feet above ground	SIGNIFICANT To be safe, earnestly prepare for the potential of significant storm surge flooding impacts.
ELEVATED Potential for inundation 1-3 feet above ground	LIMITED To be safe, prepare for the potential of limited storm surge flooding impacts.



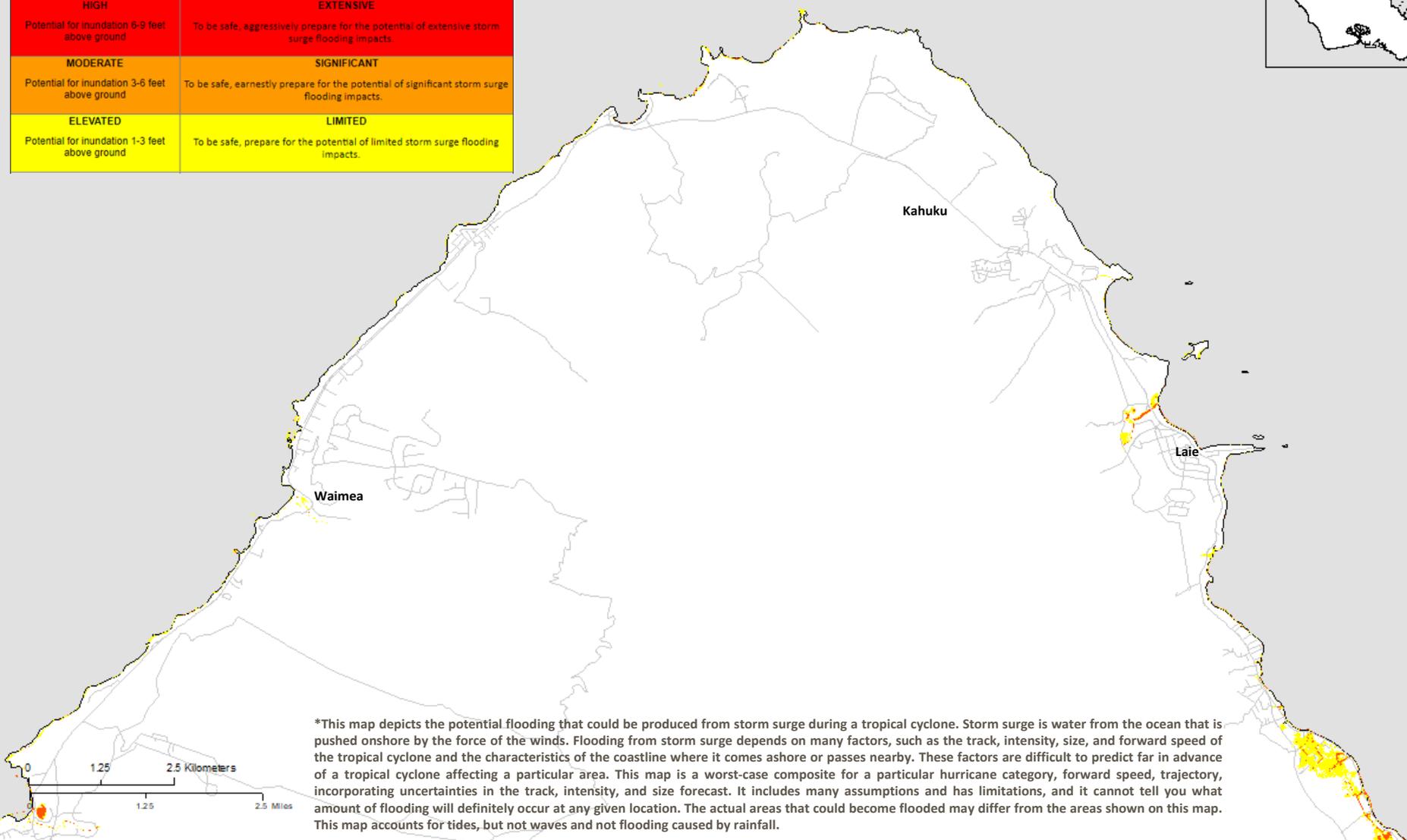
Storm Surge Maximum Envelope of Water (MEOW) Reference Map - F

Direction W and WNW: CAT 1 - City and County of Honolulu, HI

FOR PLANNING PURPOSES ONLY



Storm Surge Threat	Potential Impacts From Storm Surge
EXTREME Potential for inundation of 9 feet or greater above ground	DEVASTATING TO CATASTROPHIC To be safe, aggressively prepare for the potential of devastating to catastrophic storm surge flooding impacts.
HIGH Potential for inundation 6-9 feet above ground	EXTENSIVE To be safe, aggressively prepare for the potential of extensive storm surge flooding impacts.
MODERATE Potential for inundation 3-6 feet above ground	SIGNIFICANT To be safe, earnestly prepare for the potential of significant storm surge flooding impacts.
ELEVATED Potential for inundation 1-3 feet above ground	LIMITED To be safe, prepare for the potential of limited storm surge flooding impacts.



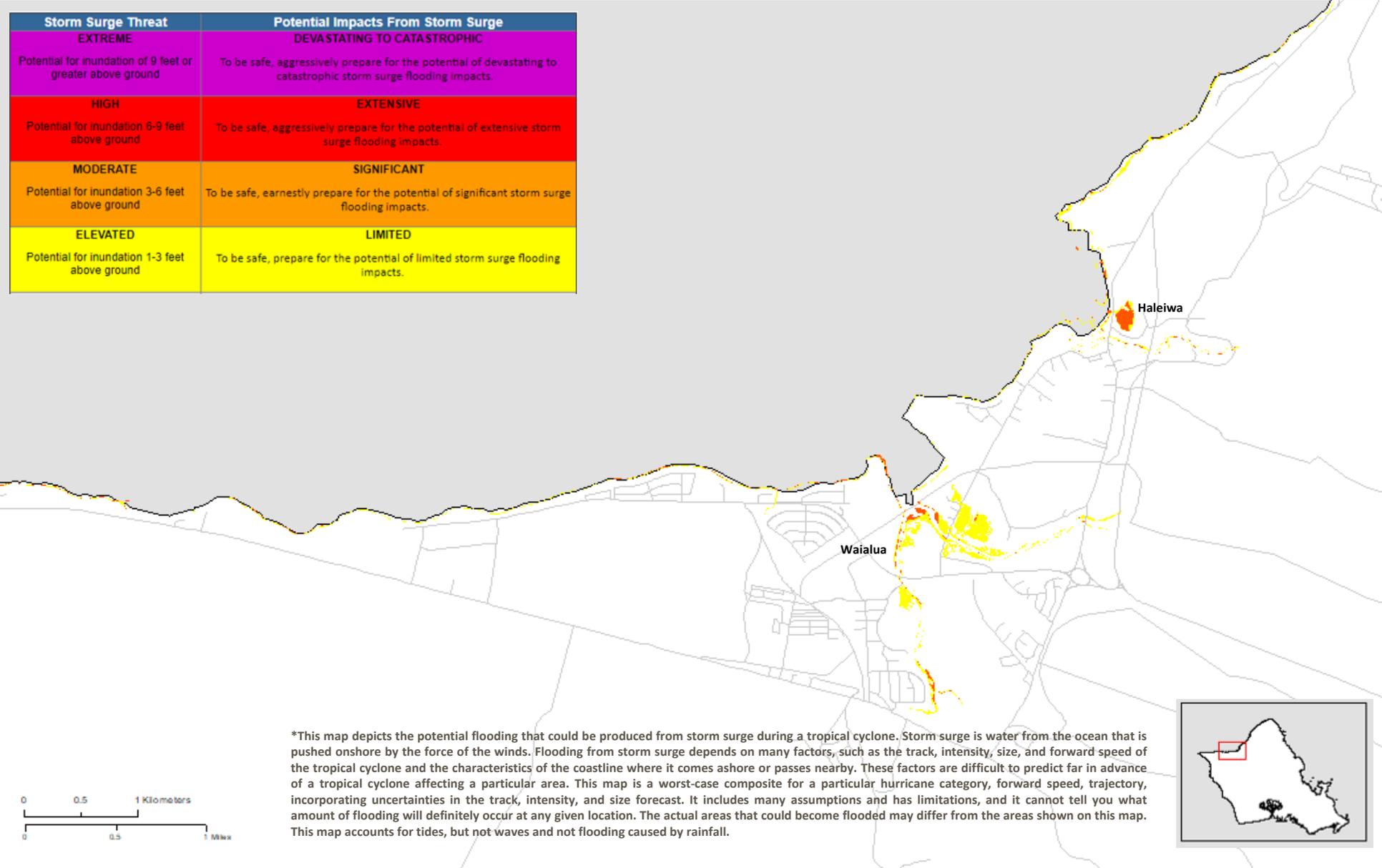
*This map depicts the potential flooding that could be produced from storm surge during a tropical cyclone. Storm surge is water from the ocean that is pushed onshore by the force of the winds. Flooding from storm surge depends on many factors, such as the track, intensity, size, and forward speed of the tropical cyclone and the characteristics of the coastline where it comes ashore or passes nearby. These factors are difficult to predict far in advance of a tropical cyclone affecting a particular area. This map is a worst-case composite for a particular hurricane category, forward speed, trajectory, incorporating uncertainties in the track, intensity, and size forecast. It includes many assumptions and has limitations, and it cannot tell you what amount of flooding will definitely occur at any given location. The actual areas that could become flooded may differ from the areas shown on this map. This map accounts for tides, but not waves and not flooding caused by rainfall.

Storm Surge Maximum Envelope of Water (MEOW) Reference Map - G

Direction W and WNW: CAT 1 - City and County of Honolulu, HI

FOR PLANNING PURPOSES ONLY

Storm Surge Threat	Potential Impacts From Storm Surge
EXTREME Potential for inundation of 9 feet or greater above ground	DEVASTATING TO CATASTROPHIC To be safe, aggressively prepare for the potential of devastating to catastrophic storm surge flooding impacts.
HIGH Potential for inundation 6-9 feet above ground	EXTENSIVE To be safe, aggressively prepare for the potential of extensive storm surge flooding impacts.
MODERATE Potential for inundation 3-6 feet above ground	SIGNIFICANT To be safe, earnestly prepare for the potential of significant storm surge flooding impacts.
ELEVATED Potential for inundation 1-3 feet above ground	LIMITED To be safe, prepare for the potential of limited storm surge flooding impacts.



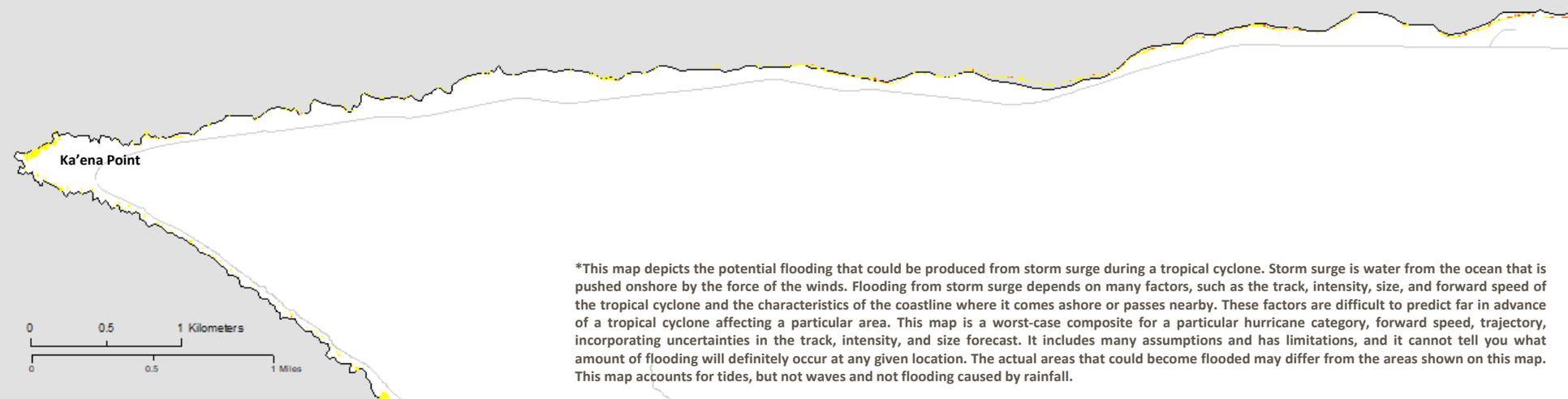
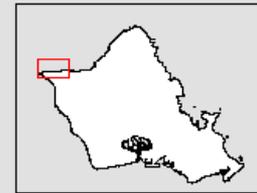
*This map depicts the potential flooding that could be produced from storm surge during a tropical cyclone. Storm surge is water from the ocean that is pushed onshore by the force of the winds. Flooding from storm surge depends on many factors, such as the track, intensity, size, and forward speed of the tropical cyclone and the characteristics of the coastline where it comes ashore or passes nearby. These factors are difficult to predict far in advance of a tropical cyclone affecting a particular area. This map is a worst-case composite for a particular hurricane category, forward speed, trajectory, incorporating uncertainties in the track, intensity, and size forecast. It includes many assumptions and has limitations, and it cannot tell you what amount of flooding will definitely occur at any given location. The actual areas that could become flooded may differ from the areas shown on this map. This map accounts for tides, but not waves and not flooding caused by rainfall.

Storm Surge Maximum Envelope of Water (MEOW) Reference Map - H

Direction W and WNW: CAT 1 - City and County of Honolulu, HI

FOR PLANNING PURPOSES ONLY

Storm Surge Threat	Potential Impacts From Storm Surge
EXTREME Potential for inundation of 9 feet or greater above ground	DEVASTATING TO CATASTROPHIC To be safe, aggressively prepare for the potential of devastating to catastrophic storm surge flooding impacts.
HIGH Potential for inundation 6-9 feet above ground	EXTENSIVE To be safe, aggressively prepare for the potential of extensive storm surge flooding impacts.
MODERATE Potential for inundation 3-6 feet above ground	SIGNIFICANT To be safe, earnestly prepare for the potential of significant storm surge flooding impacts.
ELEVATED Potential for inundation 1-3 feet above ground	LIMITED To be safe, prepare for the potential of limited storm surge flooding impacts.



*This map depicts the potential flooding that could be produced from storm surge during a tropical cyclone. Storm surge is water from the ocean that is pushed onshore by the force of the winds. Flooding from storm surge depends on many factors, such as the track, intensity, size, and forward speed of the tropical cyclone and the characteristics of the coastline where it comes ashore or passes nearby. These factors are difficult to predict far in advance of a tropical cyclone affecting a particular area. This map is a worst-case composite for a particular hurricane category, forward speed, trajectory, incorporating uncertainties in the track, intensity, and size forecast. It includes many assumptions and has limitations, and it cannot tell you what amount of flooding will definitely occur at any given location. The actual areas that could become flooded may differ from the areas shown on this map. This map accounts for tides, but not waves and not flooding caused by rainfall.