## 1 foot of Sea Level Rise

### Pine Beach Borough

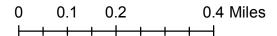
### Legend



- Schools
- Fire Stations
- Law Enforcement
- Assisted Living
- Hospitals

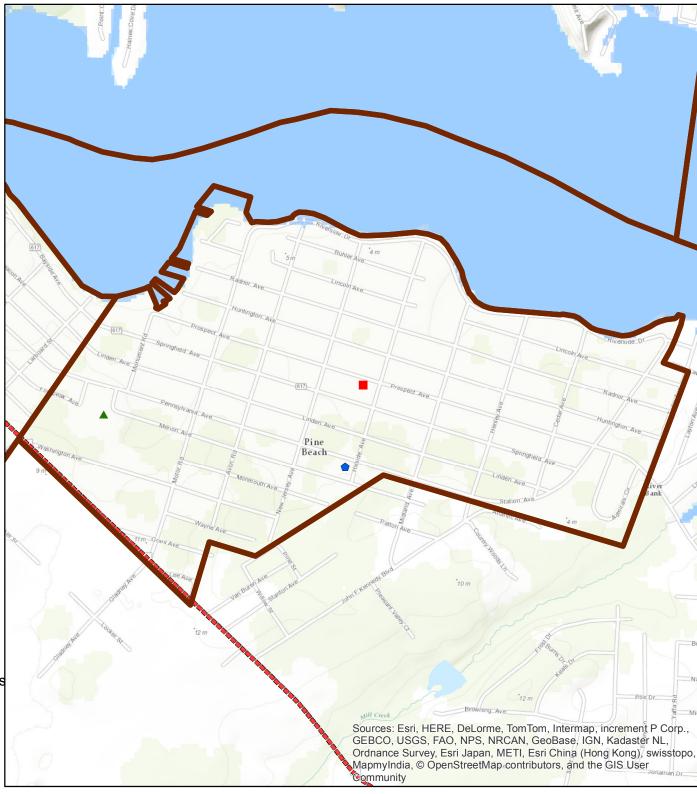
Evacuation Routes





Year 2010 Population: 2127

According to Kenneth G. Miller et al. in the 2013 study "A Geological Perspective on Sea-Level Rise and its Impacts Along the U.S. Mid-Atlantic Coast" a probable threat is the 1ft sea level rise condition that could be expected by 2050. This map depicts that sea level rise as well as the proceeding projections thereafter and is centered on target municipalities



# 2 feet of Sea Level Rise Pine Beach Borough

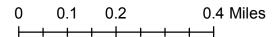
### Legend



- Schools
- Fire Stations
- Law Enforcement
- Assisted Living
- Hospitals

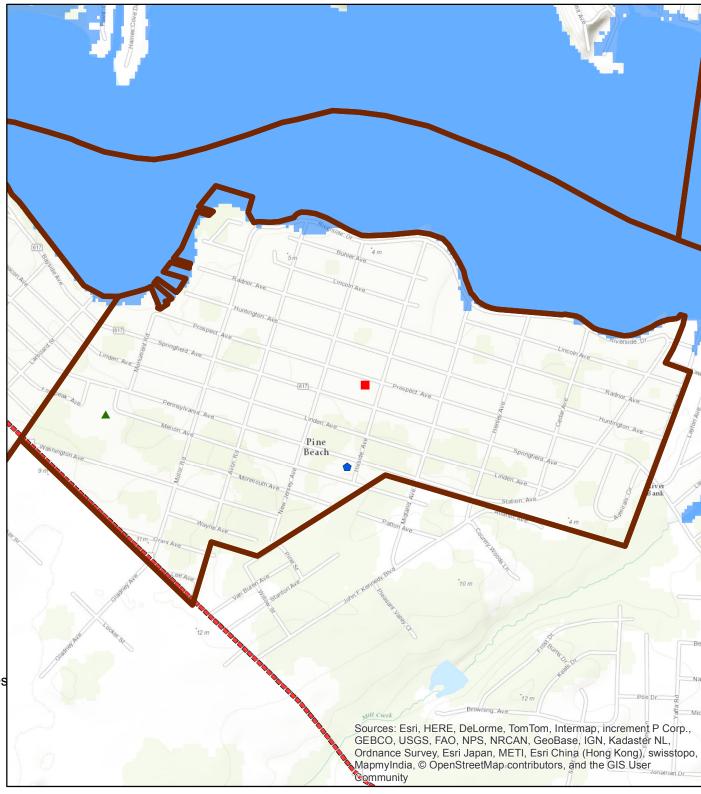
Evacuation Routes





Year 2010 Population: 2127

According to Kenneth G. Miller et al. in the 2013 study "A Geological Perspective on Sea-Level Rise and its Impacts Along the U.S. Mid-Atlantic Coast" a probable threat is the 1ft sea level rise condition that could be expected by 2050. This map depicts that sea level rise as well as the proceeding projections thereafter and is centered on target municipalities



# 3 feet of Sea Level Rise Pine Beach Borough

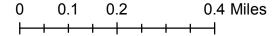
### Legend



- Schools
- Fire Stations
- Law Enforcement
- Assisted Living
- Hospitals

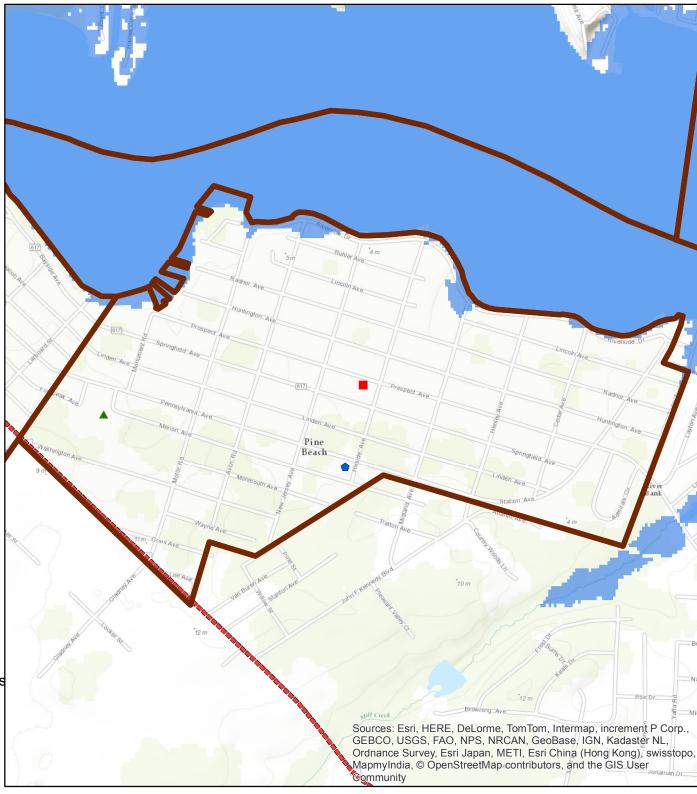
Evacuation Routes





Year 2010 Population: 2127

According to Kenneth G. Miller et al. in the 2013 study "A Geological Perspective on Sea-Level Rise and its Impacts Along the U.S. Mid-Atlantic Coast" a probable threat is the 1ft sea level rise condition that could be expected by 2050. This map depicts that sea level rise as well as the proceeding projections thereafter and is centered on target municipalities



# Category 1 SLOSH Model Pine Beach Borough

## Legend



- Schools
- Assisted Living
- Law Enforcement
- Hospitals
- Fire Stations

**Evacuation Routes** 

#### **Category 1 SLOSH**

0 - 3 Feet Above Ground Level

3 - 6

6 - 9

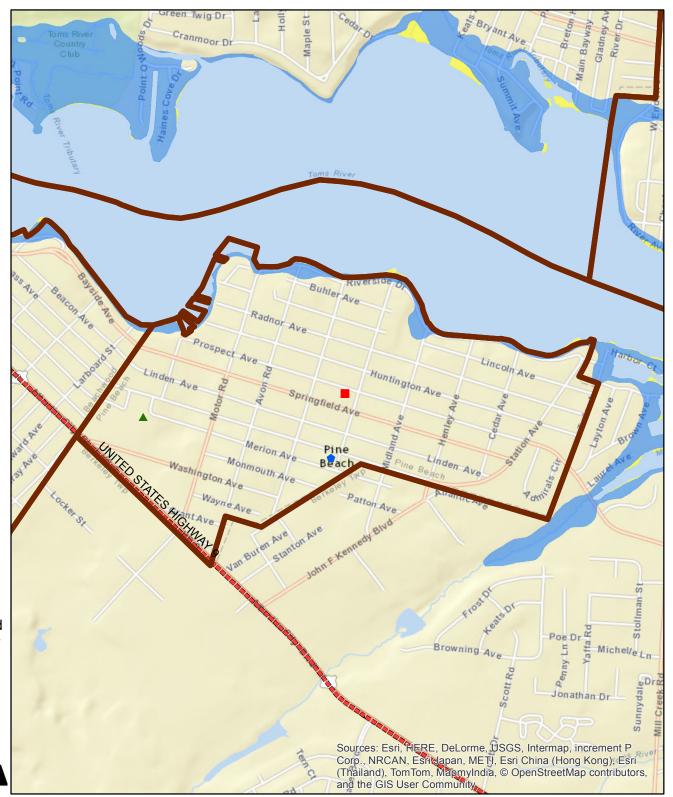
> 9

0 0.25 0.5 Miles

Year 2010 Population: 2127

This map depicts the SLOSH model extents provided by NOAA. The depths are ranged from 0-9 or greater feet of inundation above ground level and are categorized in the legend above.





# Category 2 SLOSH Model Pine Beach Borough

## Legend



- Schools
- Assisted Living
- Law Enforcement
- Hospitals
- Fire Stations

**Evacuation Routes** 

#### **Category 2 SLOSH**

0 - 3 Feet Above Ground Level

3 - 6

6 - 9

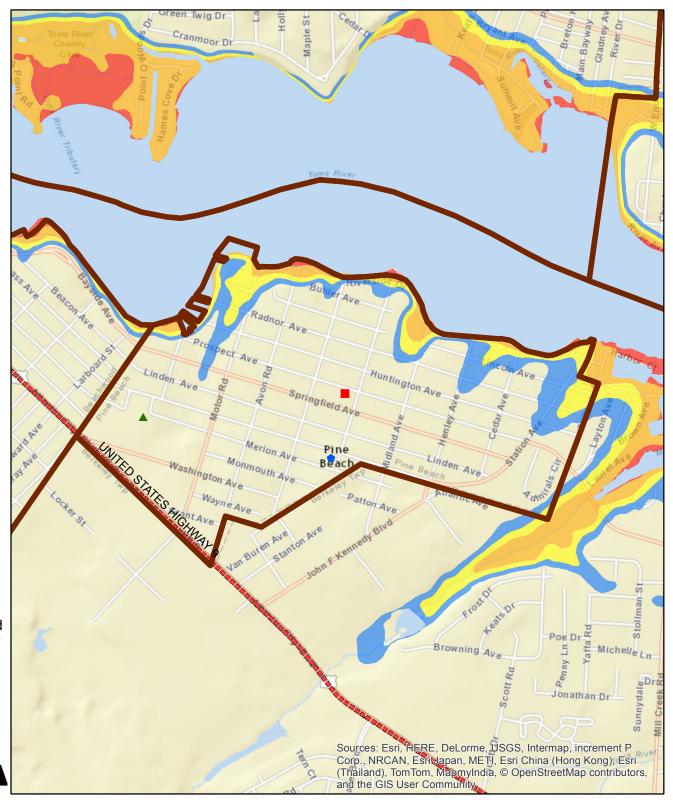
> 9

0 0.25 0.5 Miles

Year 2010 Population: 2127

This map depicts the SLOSH model extents provided by NOAA. The depths are ranged from 0-9 or greater feet of inundation above ground level and are categorized in the legend above.





# Category 3 SLOSH Model Pine Beach Borough

## Legend



- Schools
- Assisted Living
- Law Enforcement
- Hospitals
- Fire Stations

Evacuation Routes

#### **Category 3 SLOSH**

0 - 3 Feet Above Ground Level

3 - 6

6 - 9

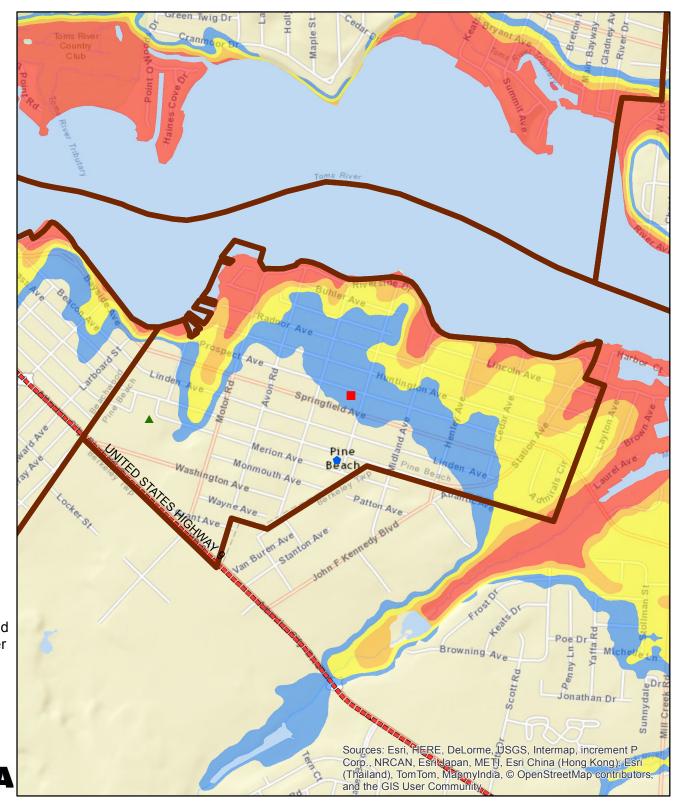
> 9

0 0.25 0.5 Miles

Year 2010 Population: 2127

This map depicts the SLOSH model extents provided by NOAA. The depths are ranged from 0-9 or greater feet of inundation above ground level and are categorized in the legend above.





# Marsh Retreat at 1 feet of Sea Level Rise Pine Beach Borough

#### Legend



- ▲ Schools
- Fire Stations
- Law Enforcement
- Assisted Living
- Hospitals

Evacuation Routes

#### Marsh Retreat at 1ft SLR

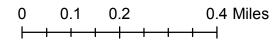
Unimpeaded Marsh Retreat Zone

Impeded Marsh Retreat Zone

Marsh Conversion: Unconsolidated Shore

Marsh Conversion: Open Water

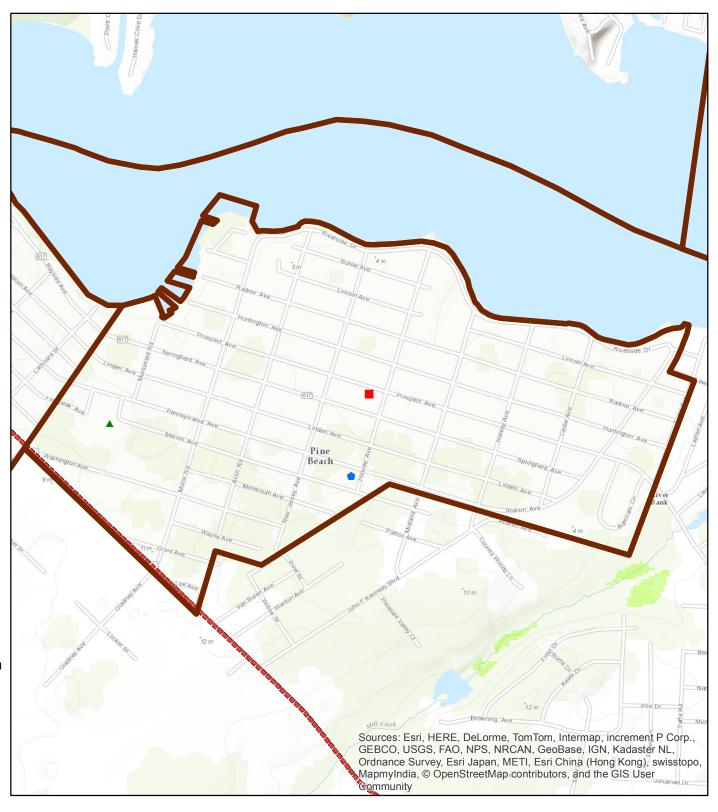
Unchanged Tidal Marsh



Year 2010 Population: 2127

According to Kenneth G. Miller et al. in the 2013 study "A Geological Perspective on Sea-Level Rise and its Impacts Along the U.S. Mid-Atlantic Coast" a probable threat is the 1ft sea level rise condition that could be expected by 2050. This map depicts the marsh retreat caused by sea level rise centered on target municipalities.





# Marsh Retreat at 2 feet of Sea Level Rise Pine Beach Borough

#### Legend



- ▲ Schools
- Fire Stations
- Law Enforcement
- Assisted Living
- Hospitals

Evacuation Routes

#### Marsh Retreat at 2ft SLR

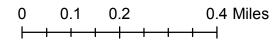
Unimpeaded Marsh Retreat Zone

Impeded Marsh Retreat Zone

Marsh Conversion: Unconsolidated Shore

Marsh Conversion: Open Water

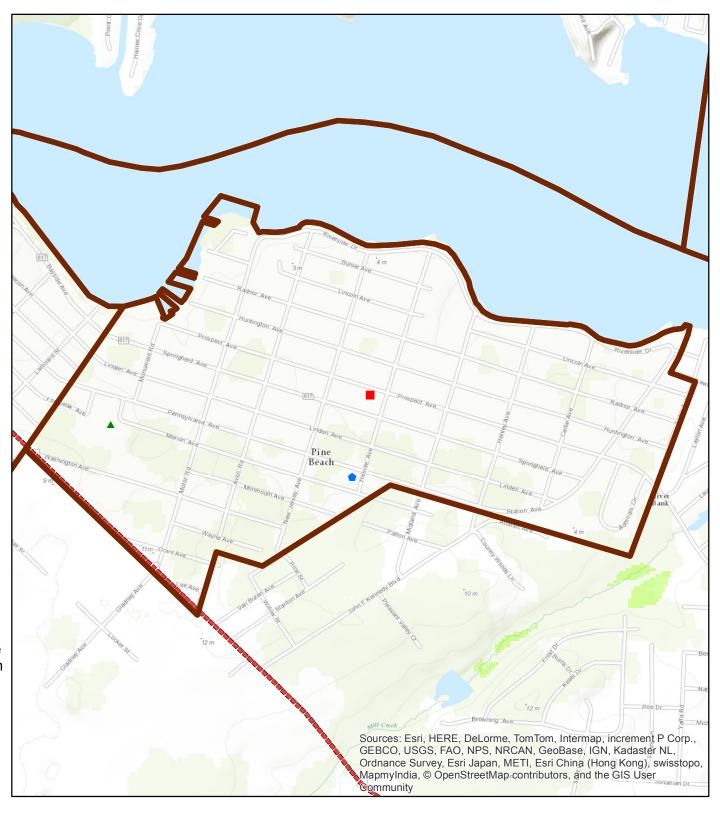
Unchanged Tidal Marsh



Year 2010 Population: 2127

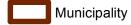
According to Kenneth G. Miller et al. in the 2013 study "A Geological Perspective on Sea-Level Rise and its Impacts Along the U.S. Mid-Atlantic Coast" a probable threat is the 1ft sea level rise condition that could be expected by 2050. This map depicts the marsh retreat caused by sea level rise centered on target municipalities.





# Marsh Retreat at 3 feet of Sea Level Rise Pine Beach Borough

#### Legend



- Schools
- Fire Stations
- Law Enforcement
- Assisted Living
- Hospitals

Evacuation Routes

#### Marsh Retreat at 3ft SLR

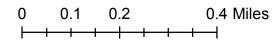
Unimpeded Marsh Retreat Zone

Impeded Marsh Retreat Zone

Marsh Conversion: Unconsolidated Shore

Marsh Conversion: Open Water

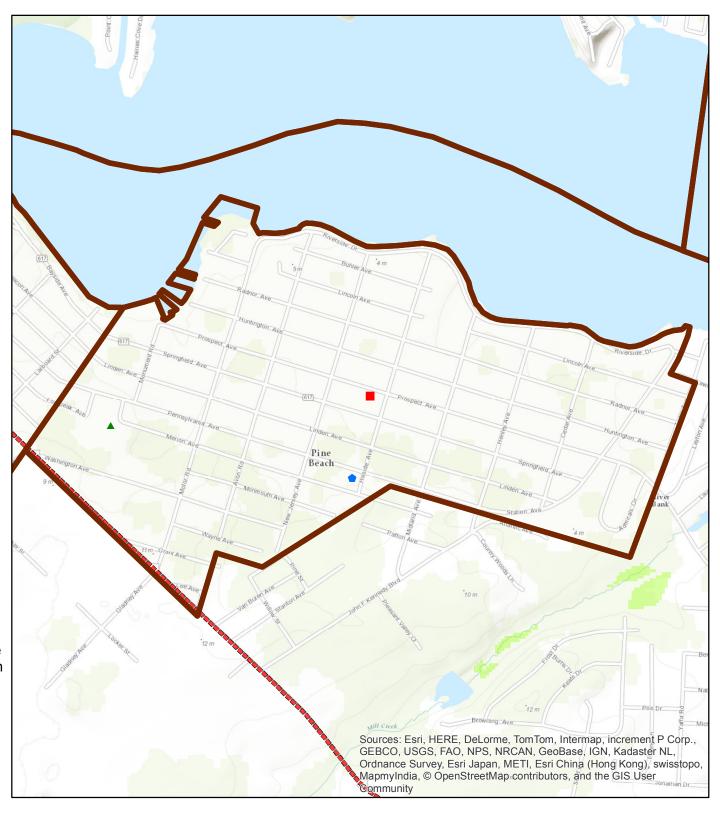
Unchanged Tidal Marsh



Year 2010 Population: 2127

According to Kenneth G. Miller et al. in the 2013 study "A Geological Perspective on Sea-Level Rise and its Impacts Along the U.S. Mid-Atlantic Coast" a probable threat is the 1ft sea level rise condition that could be expected by 2050. This map depicts the marsh retreat caused by sea level rise centered on target municipalities.





# FEMA's PFIRM Flood Zones for New Jersey Pine Beach Borough

#### Legend



- Schools
- Assisted Living
- Law Enforcement
- Hospitals
- Fire Stations

Evacuation Routes

#### **PFIRM**

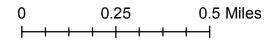
Zone X - 0.2% Annual Chance



AE



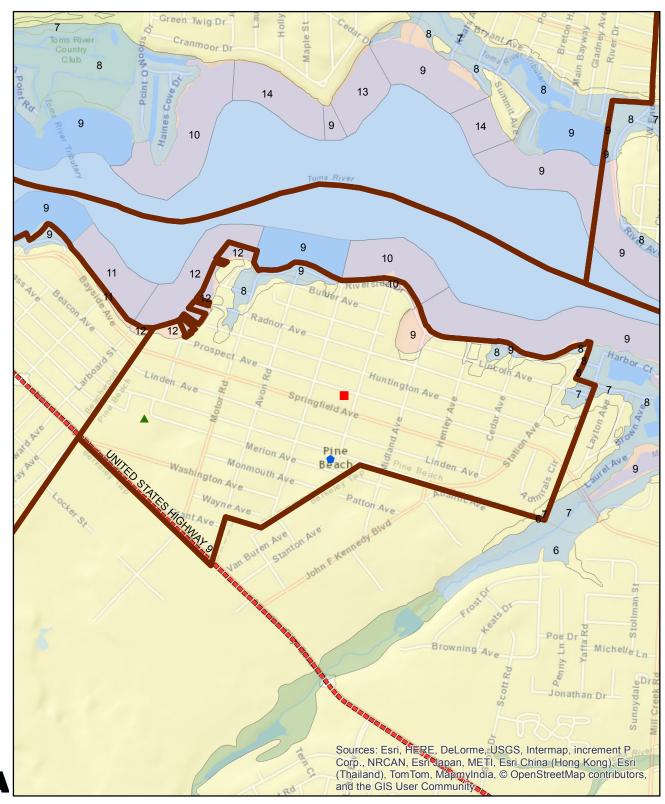




Year 2010 Population: 2127

This map shows the extents of FEMA's latest flood insureance rate maps for the state of New Jersey. The numerical label in the zones portrays the static ABFE zone. Please refer to the index for more information.





# Sandy Storm Surge Pine Beach Borough

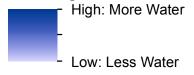
## Legend



- Schools
- Fire Stations
- Law Enforcement
- Assisted Living
- Hospitals

Evacuation Routes

## **Sandy Storm Surge**



0 0.125 0.25 0.5 Miles

Year 2010 Population: 2127

This map depicts the Sandy Storm Surge extents provided by FEMA. The depths are ranged in meters of inundation above ground level and are categorized in the legend above.

