

FIGURE 78  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 1% AEP EVENT  
 CLIMATE CHANGE SEA LEVEL RISE 2100

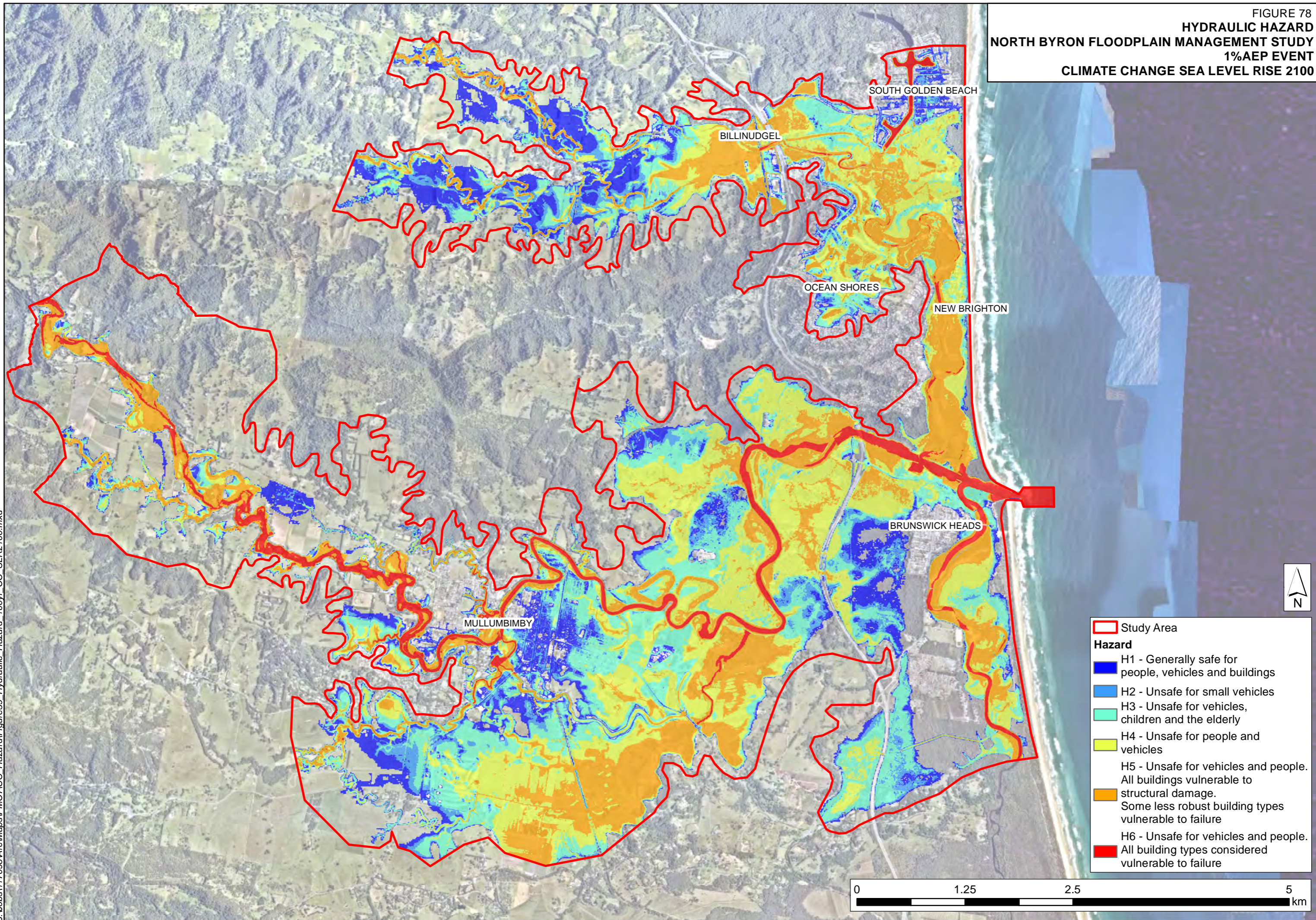
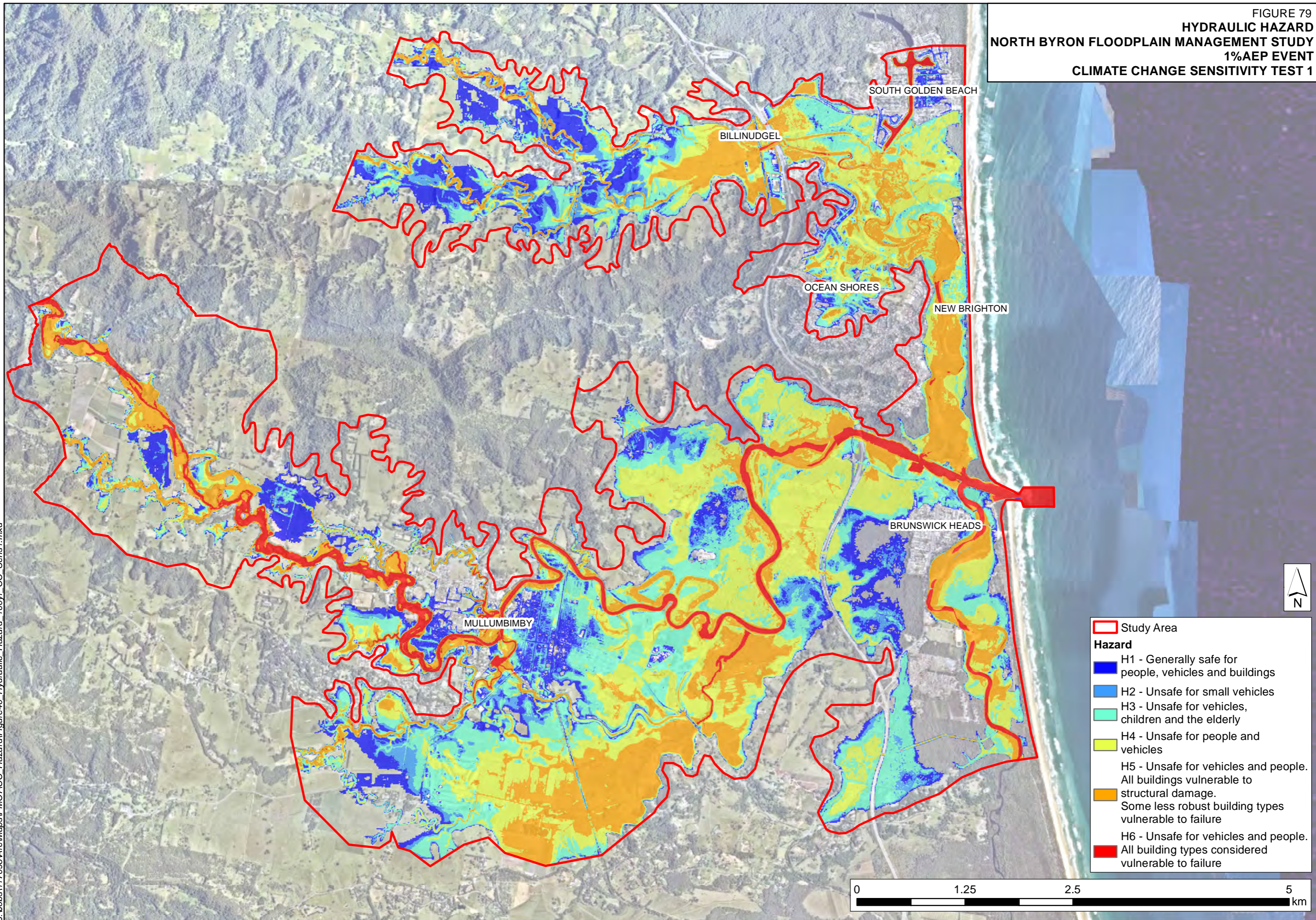




FIGURE 79  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 1% AEP EVENT  
 CLIMATE CHANGE SENSITIVITY TEST 1



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**Study Area**

**Hazard**

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

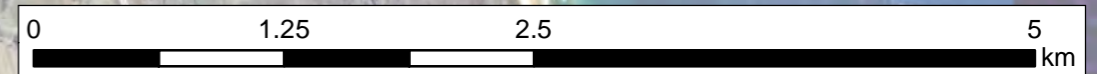




FIGURE 80  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 1% AEP EVENT  
 CLIMATE CHANGE SENSITIVITY TEST 2

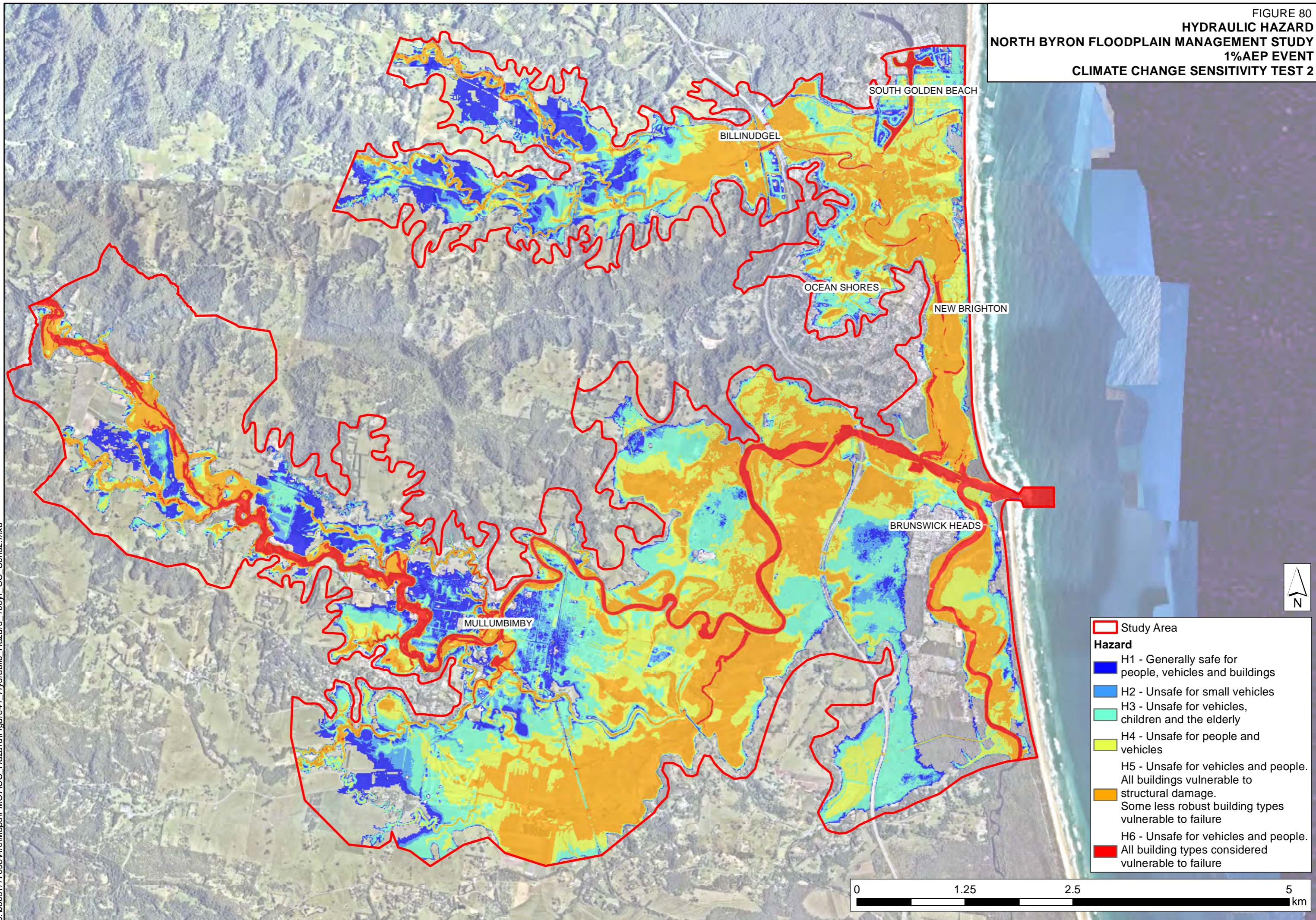
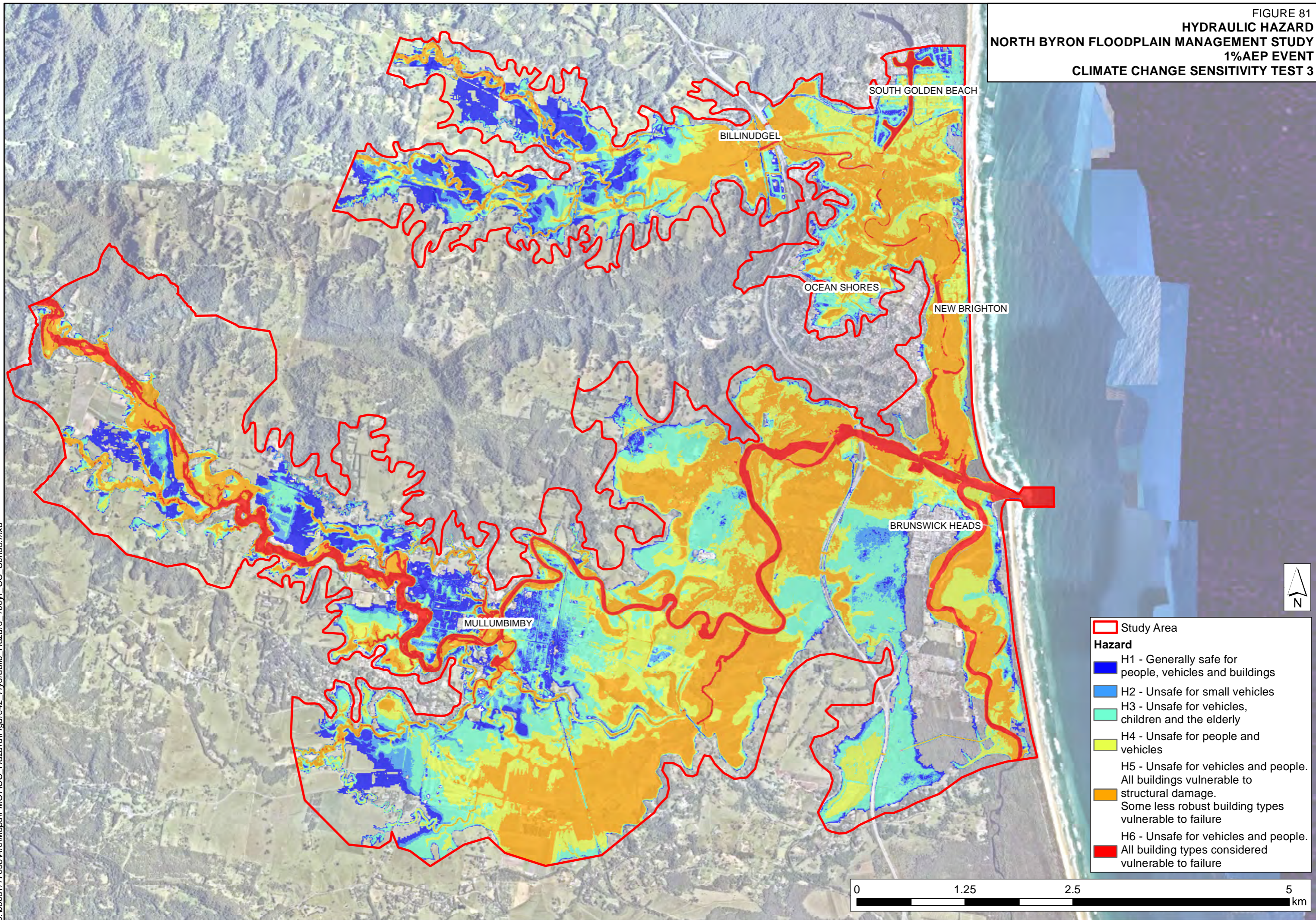




FIGURE 81  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 1% AEP EVENT  
 CLIMATE CHANGE SENSITIVITY TEST 3



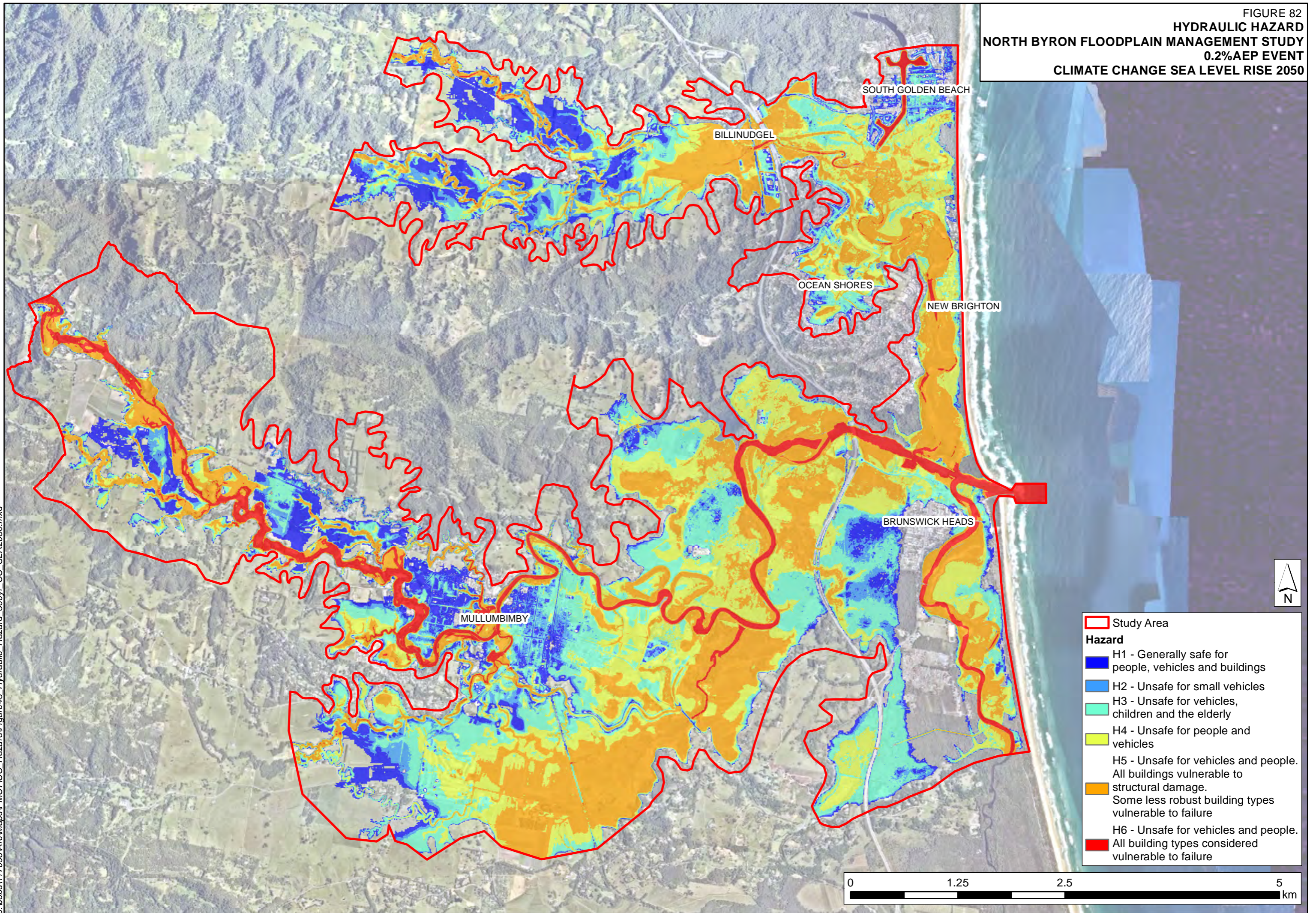
**Study Area**

**Hazard**

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure



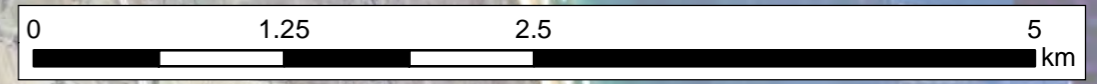
FIGURE 82  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 0.2% AEP EVENT  
 CLIMATE CHANGE SEA LEVEL RISE 2050



**Study Area**

**Hazard**

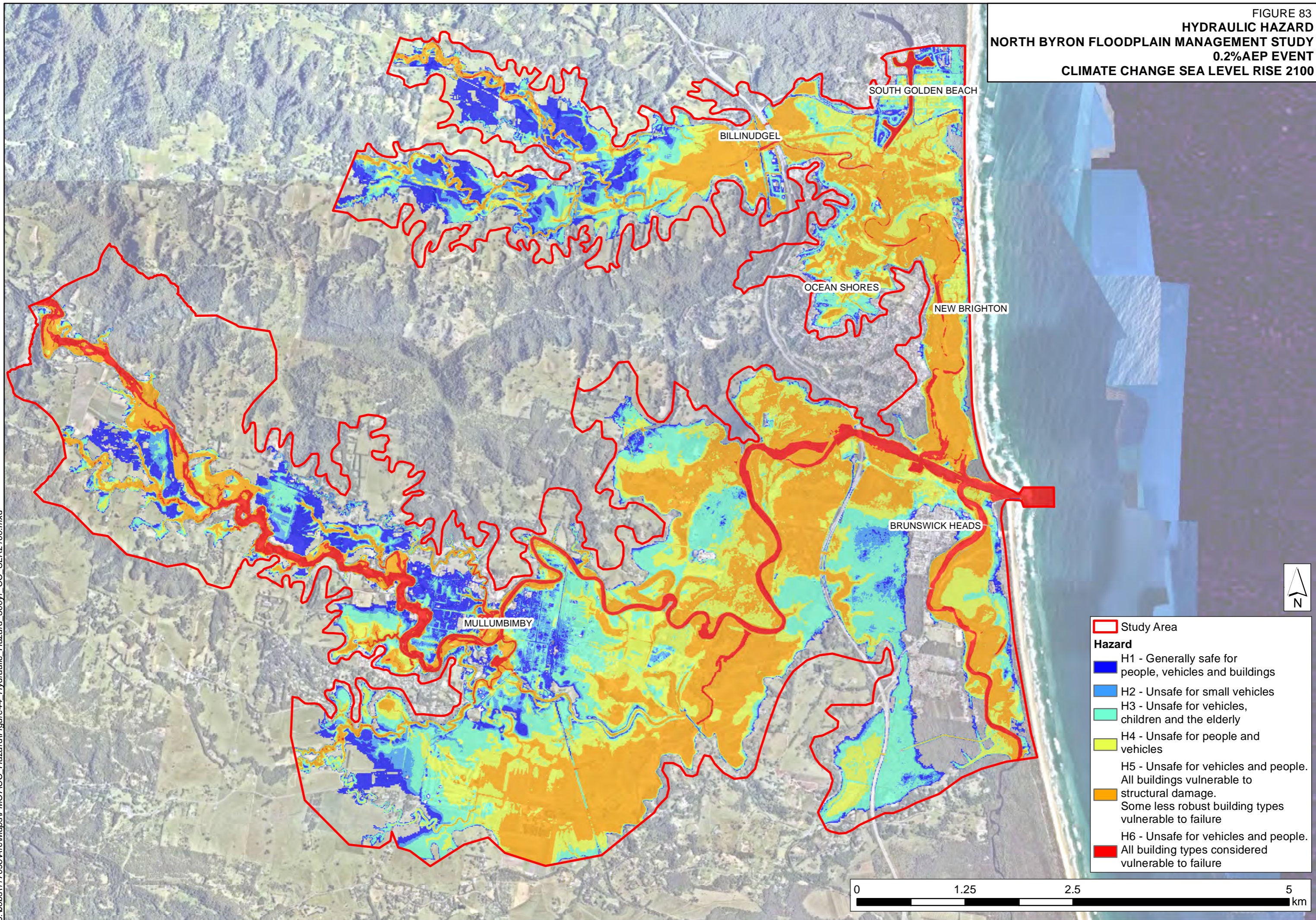
- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure



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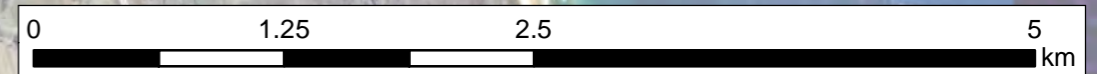
FIGURE 83  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 0.2% AEP EVENT  
 CLIMATE CHANGE SEA LEVEL RISE 2100



**Study Area**

**Hazard**

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure



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FIGURE 84  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 0.2% AEP EVENT  
 CLIMATE CHANGE SENSITIVITY TEST 1

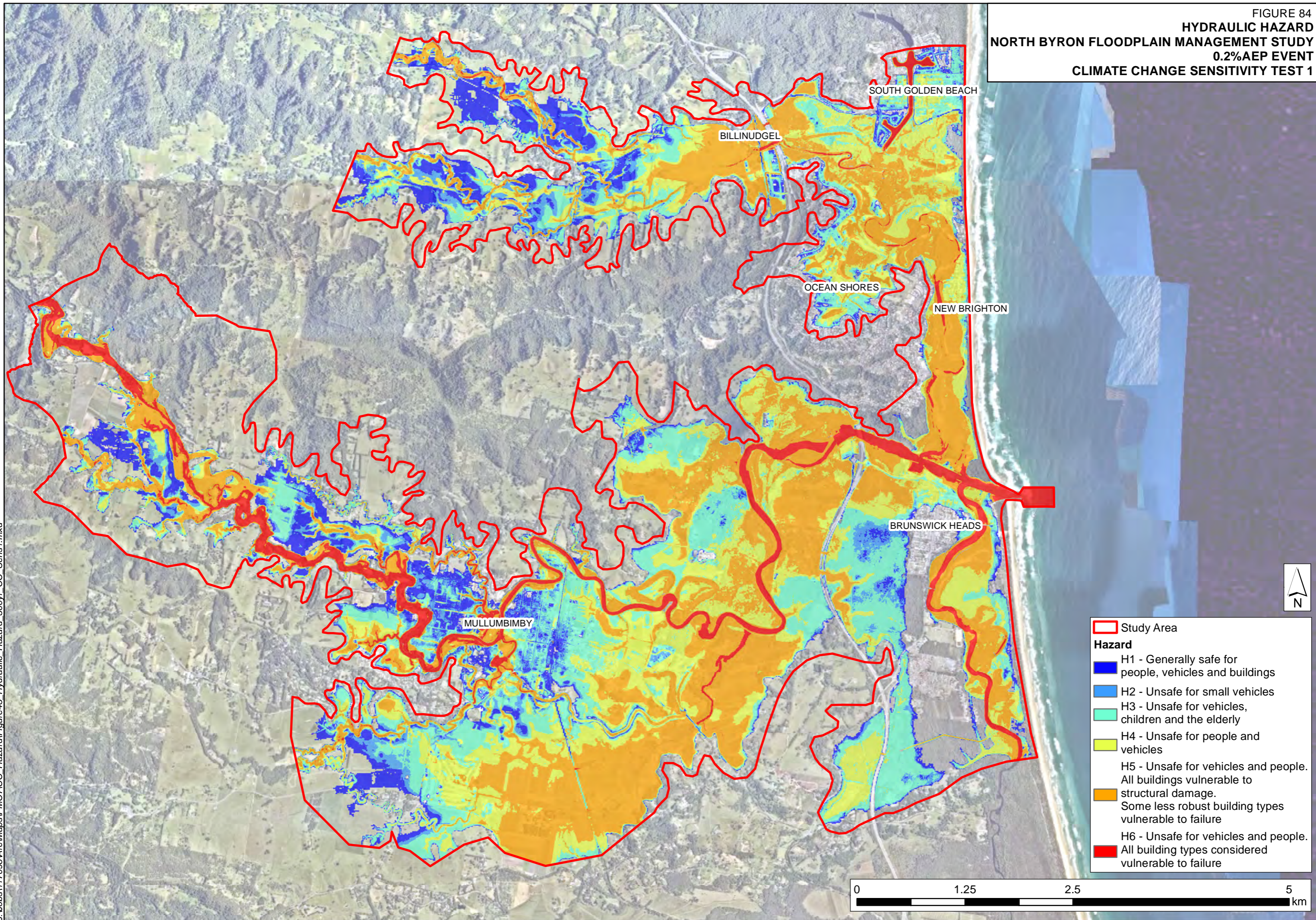
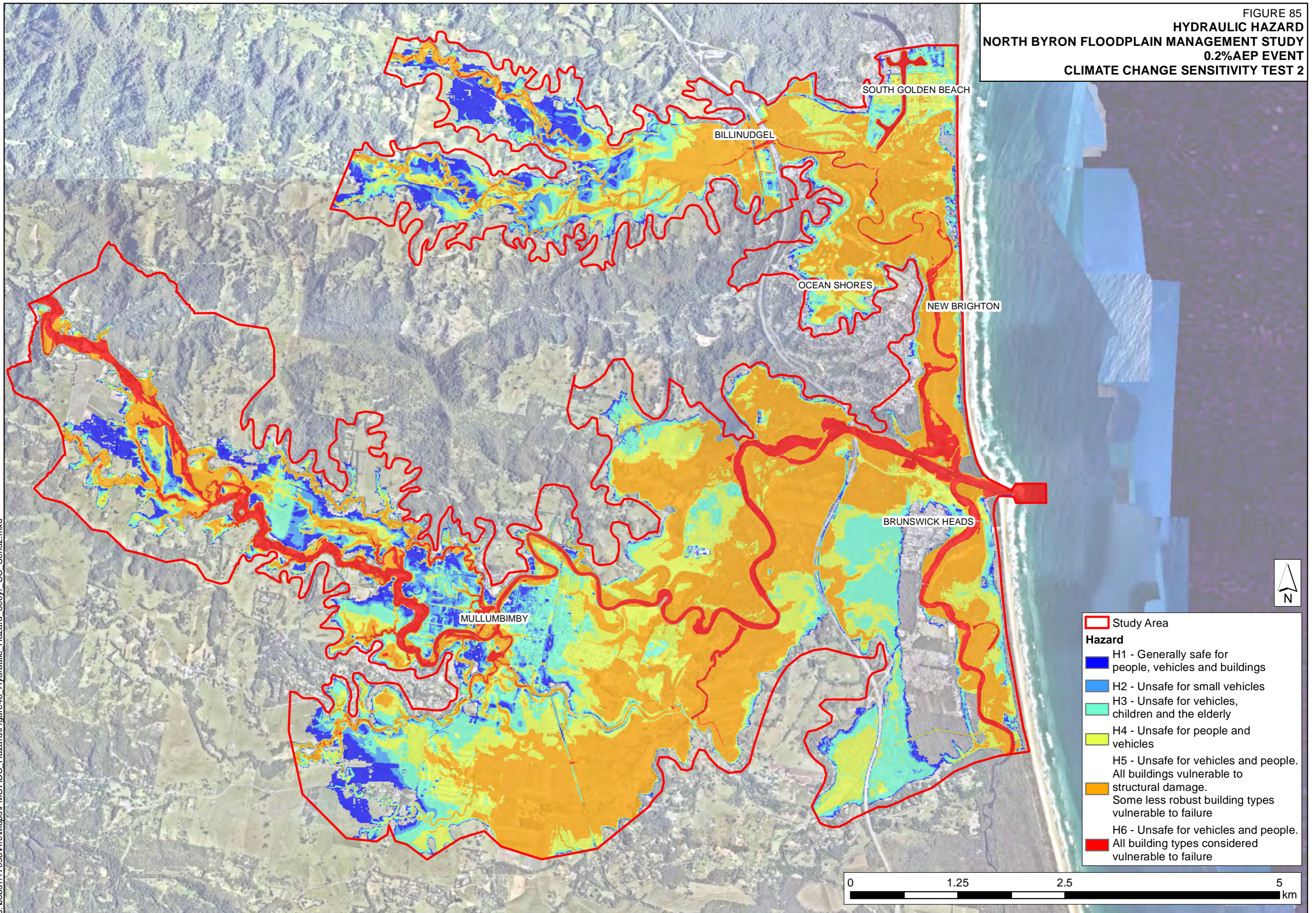




FIGURE 85  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 0.2% AEP EVENT  
 CLIMATE CHANGE SENSITIVITY TEST 2



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**Study Area**

**Hazard**

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

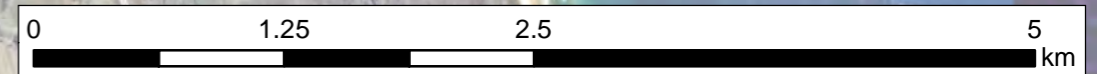
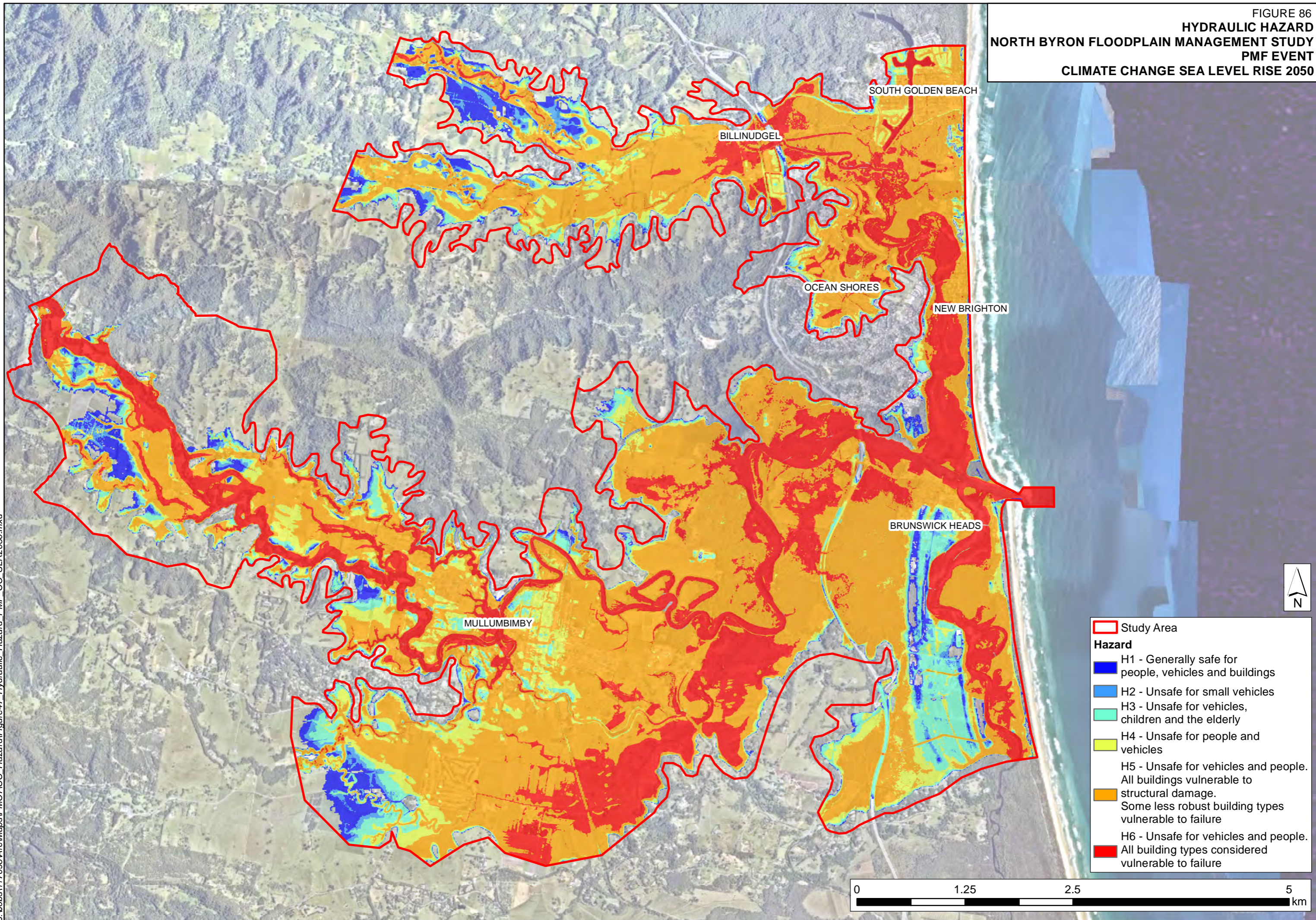




FIGURE 86  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 PMF EVENT  
 CLIMATE CHANGE SEA LEVEL RISE 2050



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**Study Area**

**Hazard**

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

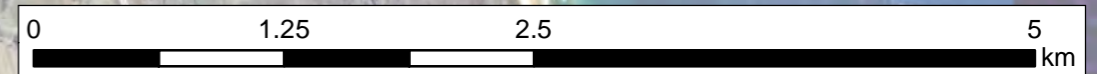
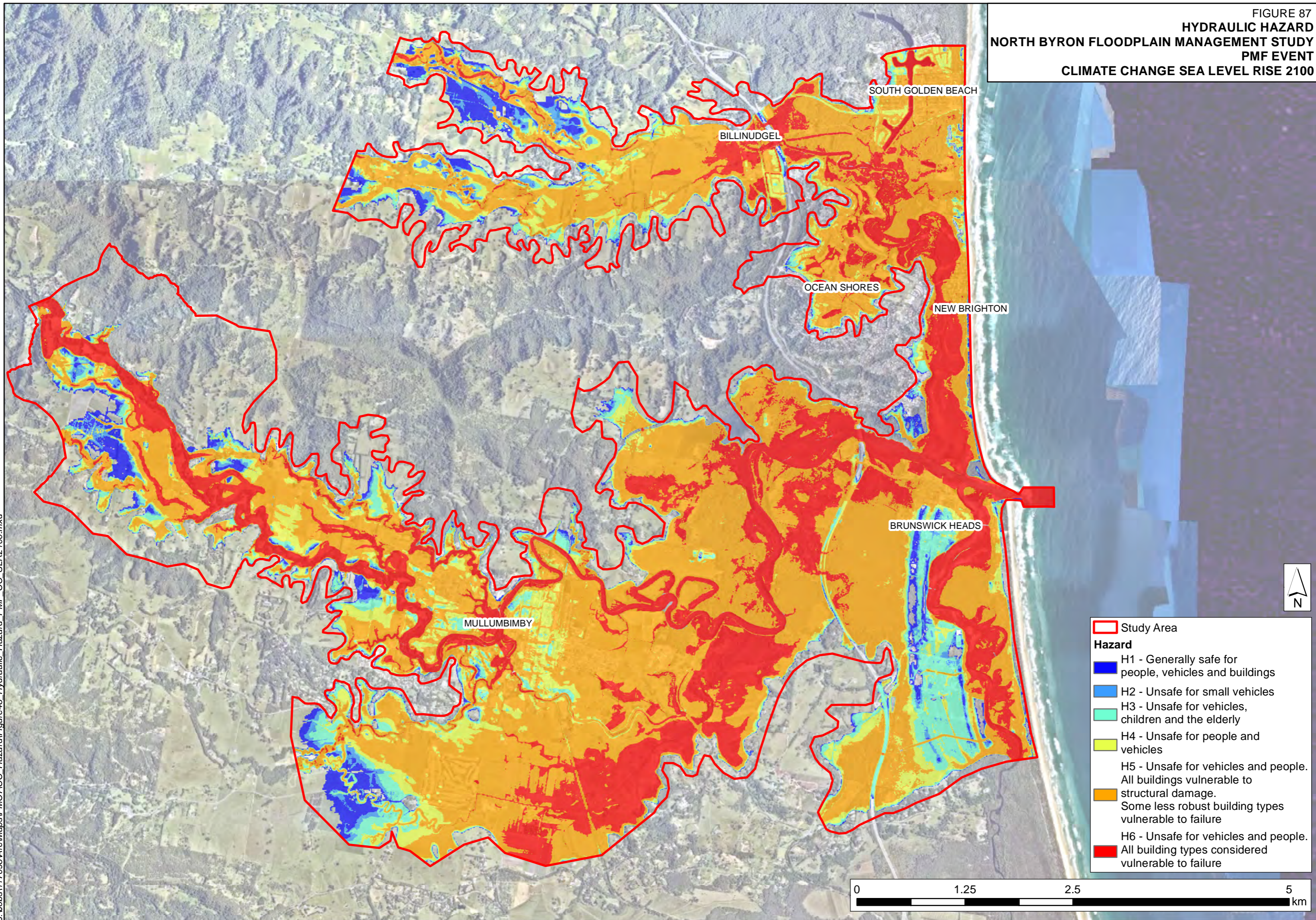




FIGURE 87  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 PMF EVENT  
 CLIMATE CHANGE SEA LEVEL RISE 2100



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**Study Area**

**Hazard**

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

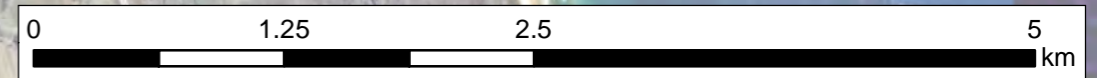
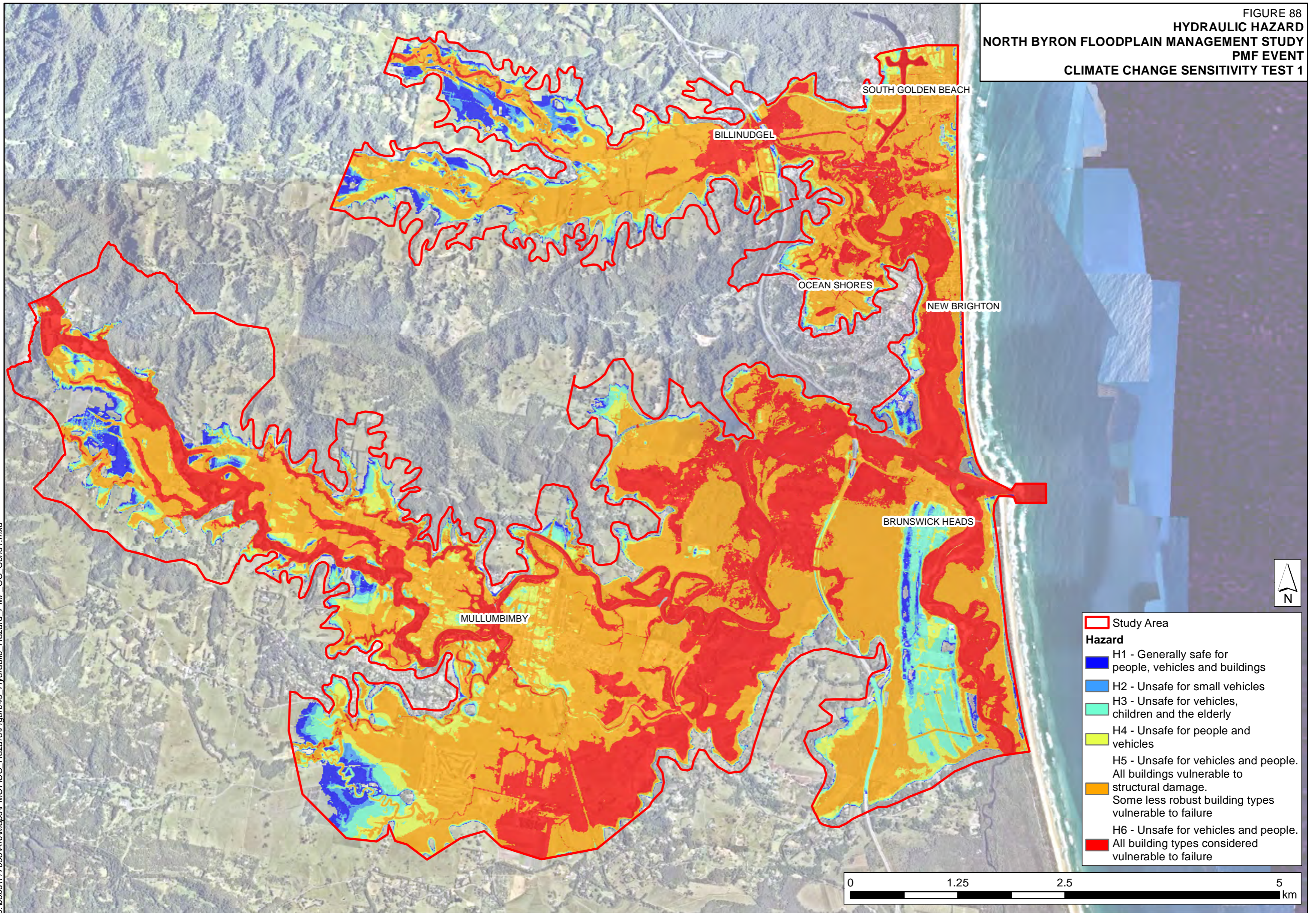




FIGURE 88  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 PMF EVENT  
 CLIMATE CHANGE SENSITIVITY TEST 1



**Study Area**

**Hazard**

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

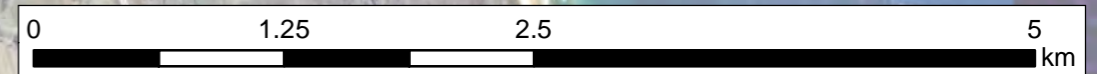
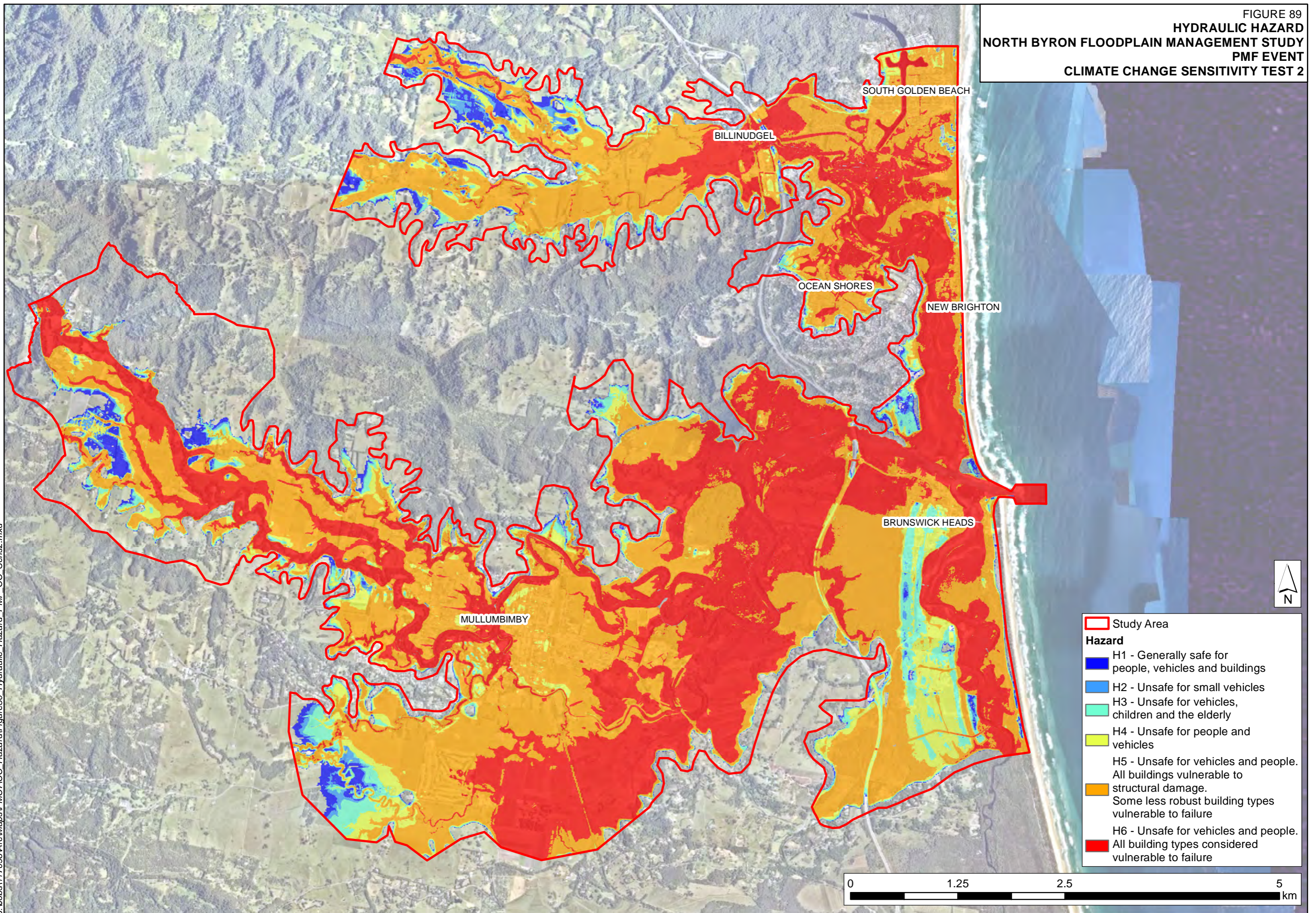




FIGURE 89  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 PMF EVENT  
 CLIMATE CHANGE SENSITIVITY TEST 2



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**Study Area**

**Hazard**

- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

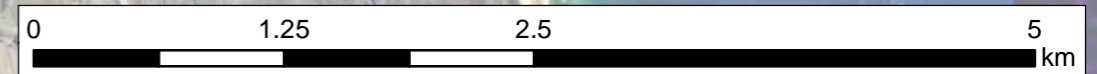
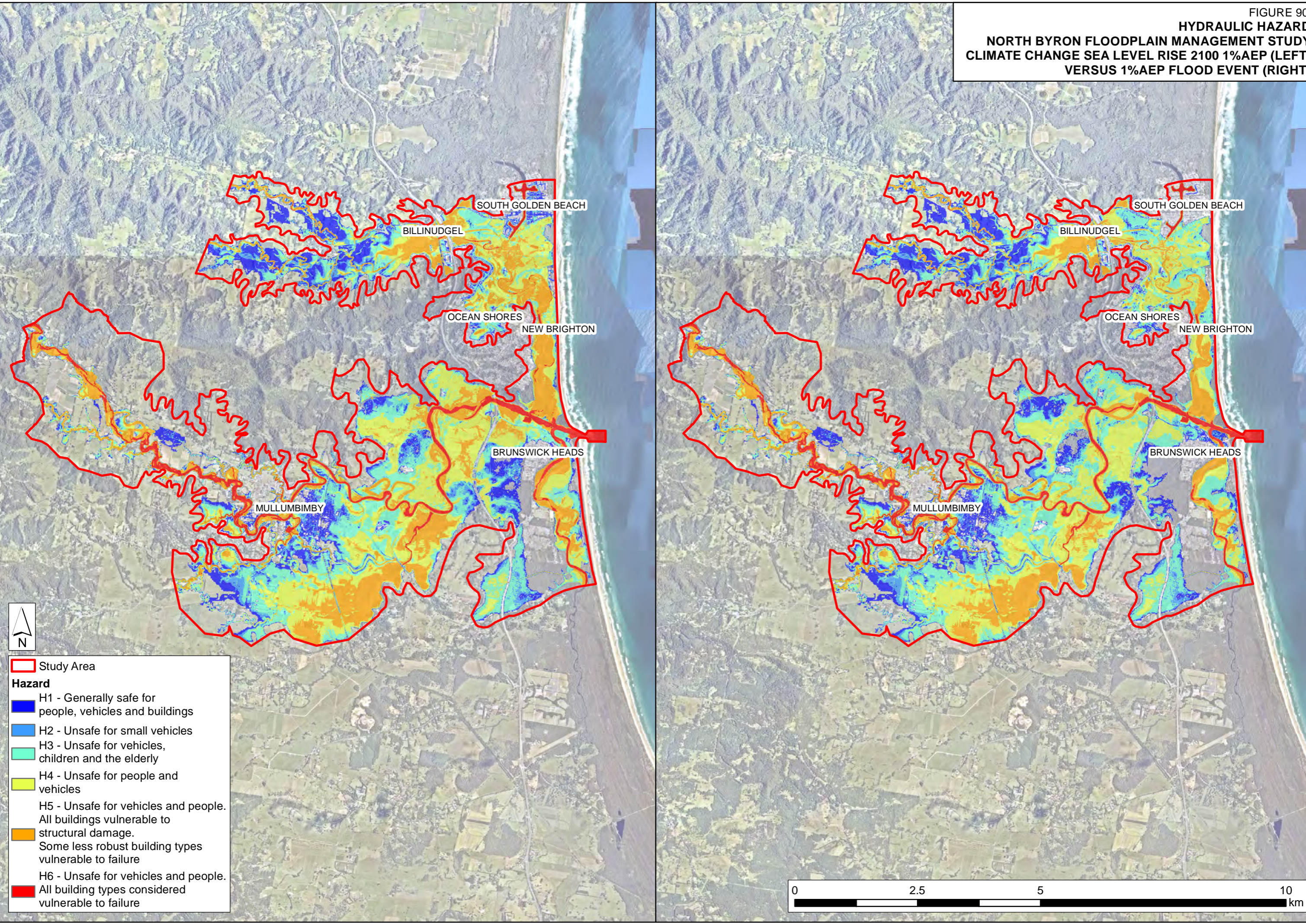




FIGURE 90  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 CLIMATE CHANGE SEA LEVEL RISE 2100 1%AEP (LEFT)  
 VERSUS 1%AEP FLOOD EVENT (RIGHT)



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- Study Area
- Hazard**
- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure

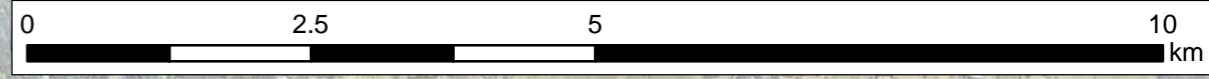
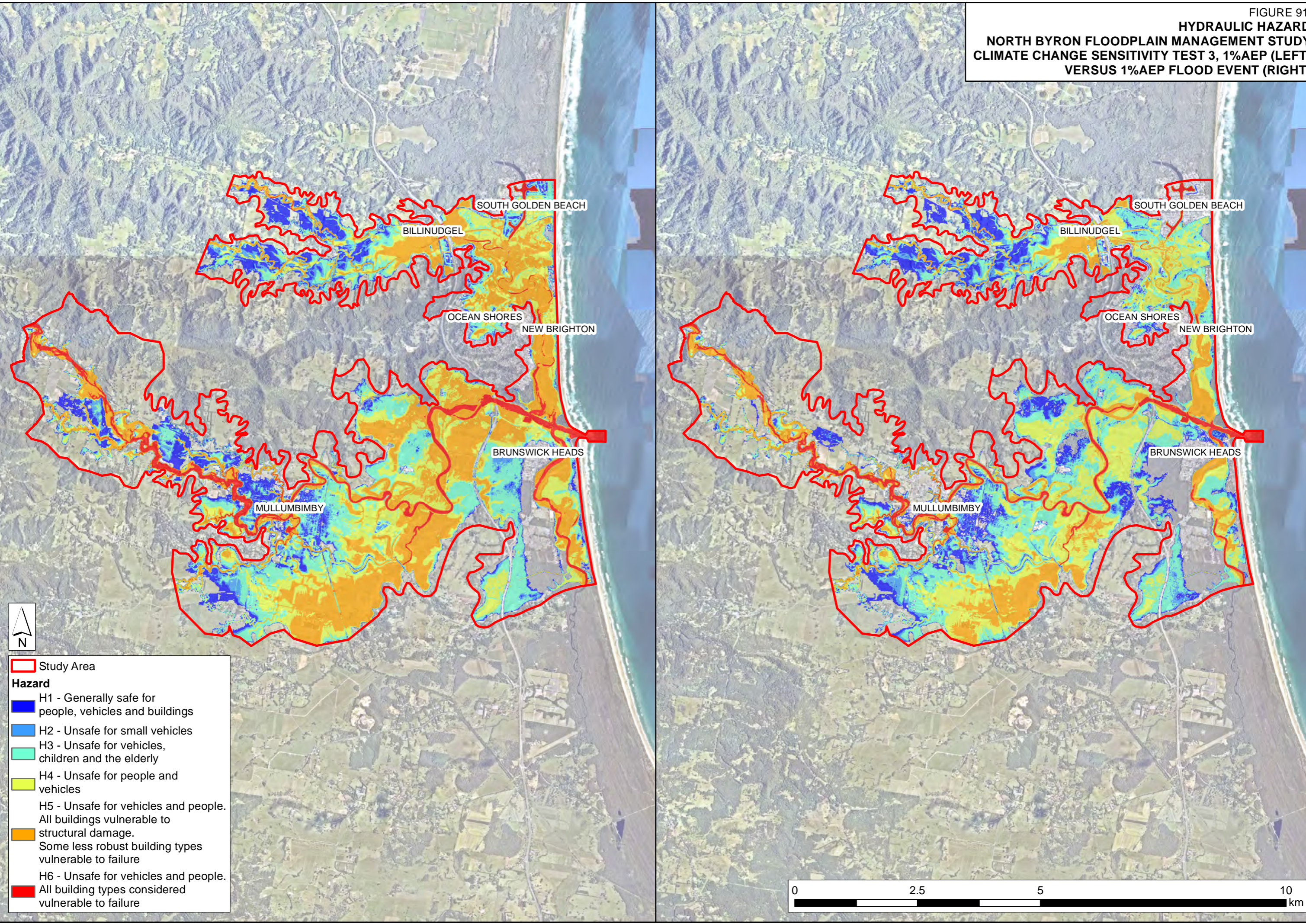




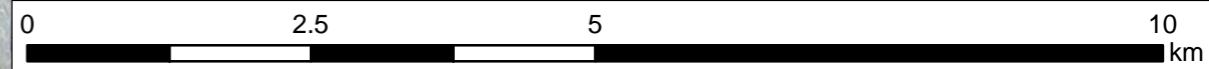
FIGURE 91  
 HYDRAULIC HAZARD  
 NORTH BYRON FLOODPLAIN MANAGEMENT STUDY  
 CLIMATE CHANGE SENSITIVITY TEST 3, 1%AEP (LEFT)  
 VERSUS 1%AEP FLOOD EVENT (RIGHT)



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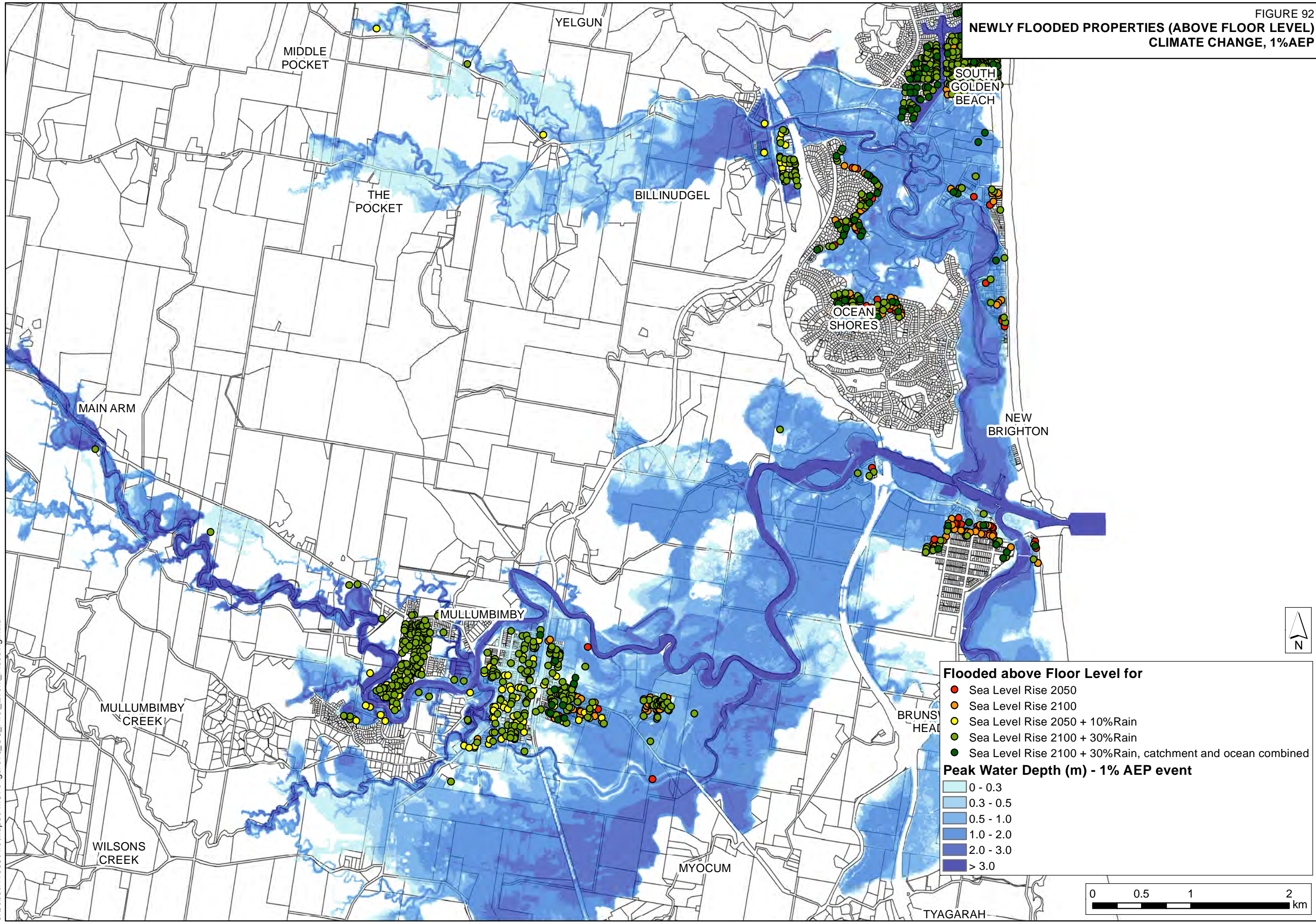


- Study Area
- Hazard**
- H1 - Generally safe for people, vehicles and buildings
- H2 - Unsafe for small vehicles
- H3 - Unsafe for vehicles, children and the elderly
- H4 - Unsafe for people and vehicles
- H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust building types vulnerable to failure
- H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure





NEWLY FLOODED PROPERTIES (ABOVE FLOOR LEVEL)  
CLIMATE CHANGE, 1%AEP

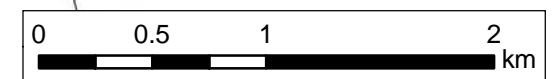


**Flooded above Floor Level for**

- Sea Level Rise 2050
- Sea Level Rise 2100
- Sea Level Rise 2050 + 10%Rain
- Sea Level Rise 2100 + 30%Rain
- Sea Level Rise 2100 + 30%Rain, catchment and ocean combined

**Peak Water Depth (m) - 1% AEP event**

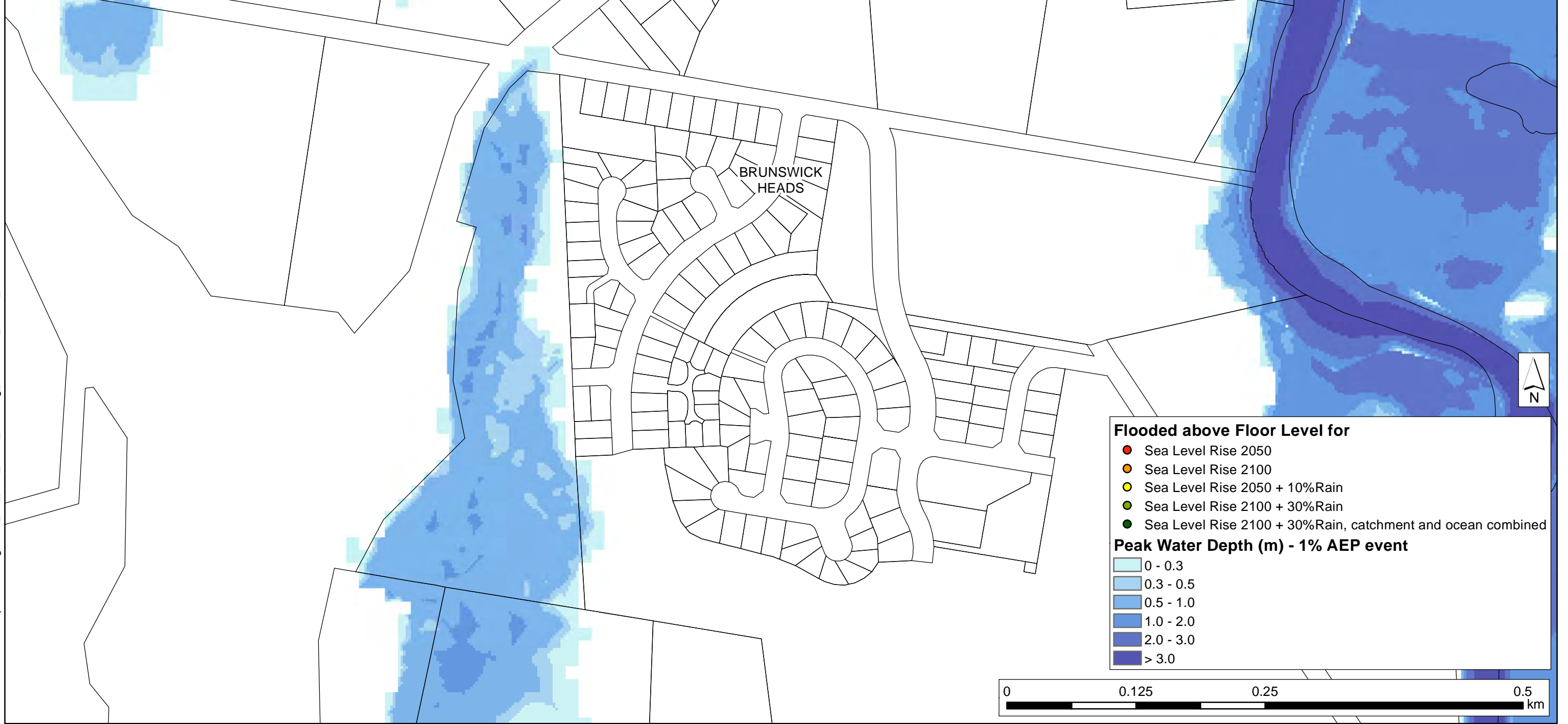
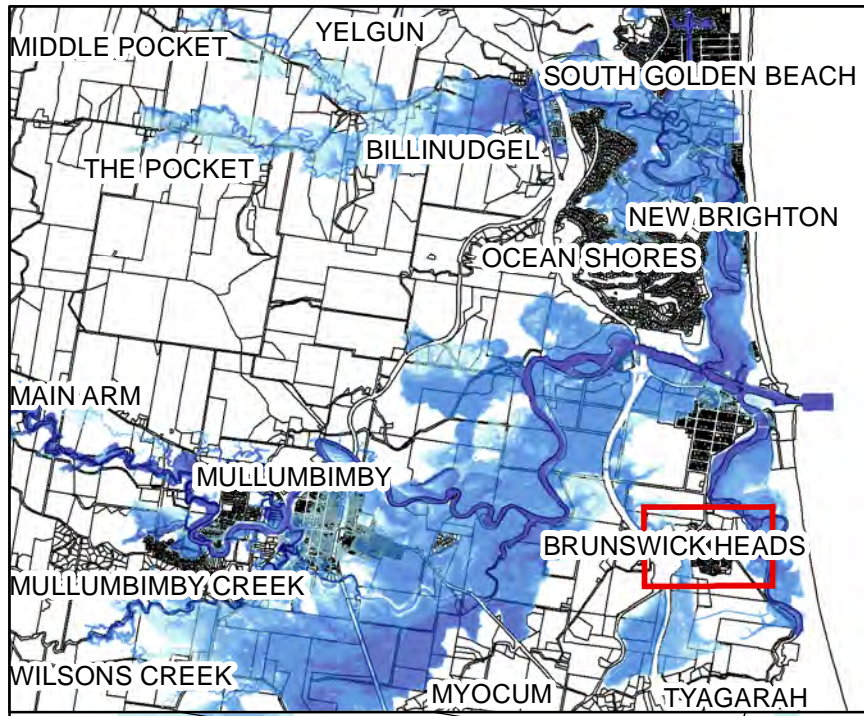
- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- 2.0 - 3.0
- > 3.0



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**NEWLY FLOODED PROPERTIES (ABOVE FLOOR LEVEL)  
CLIMATE CHANGE, 1% AEP  
BRUNSWICK HEADS SOUTH**

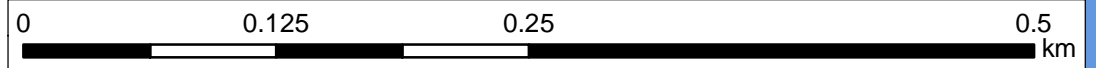


**Flooded above Floor Level for**

- Sea Level Rise 2050
- Sea Level Rise 2100
- Sea Level Rise 2050 + 10% Rain
- Sea Level Rise 2100 + 30% Rain
- Sea Level Rise 2100 + 30% Rain, catchment and ocean combined

**Peak Water Depth (m) - 1% AEP event**

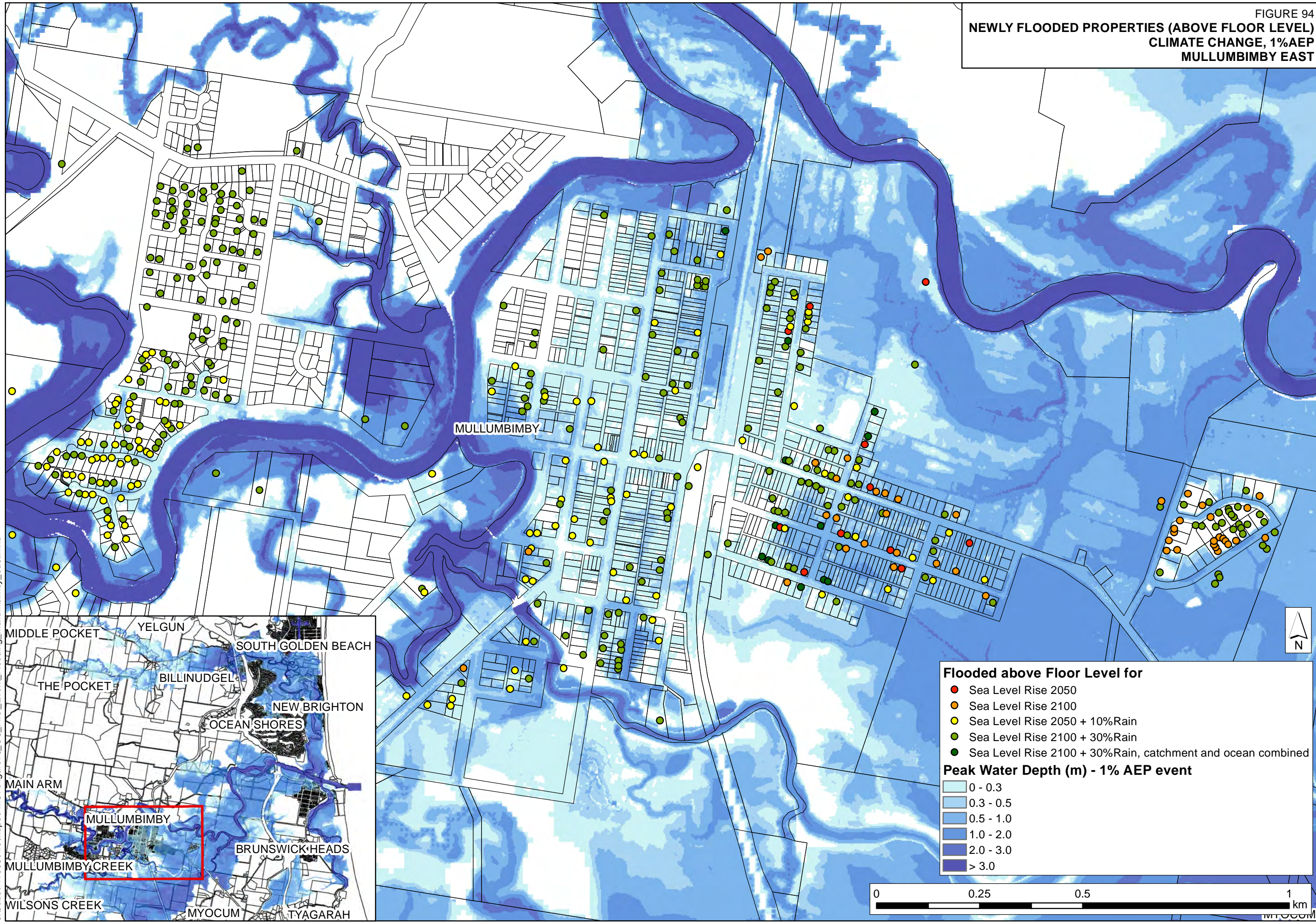
- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- 2.0 - 3.0
- > 3.0



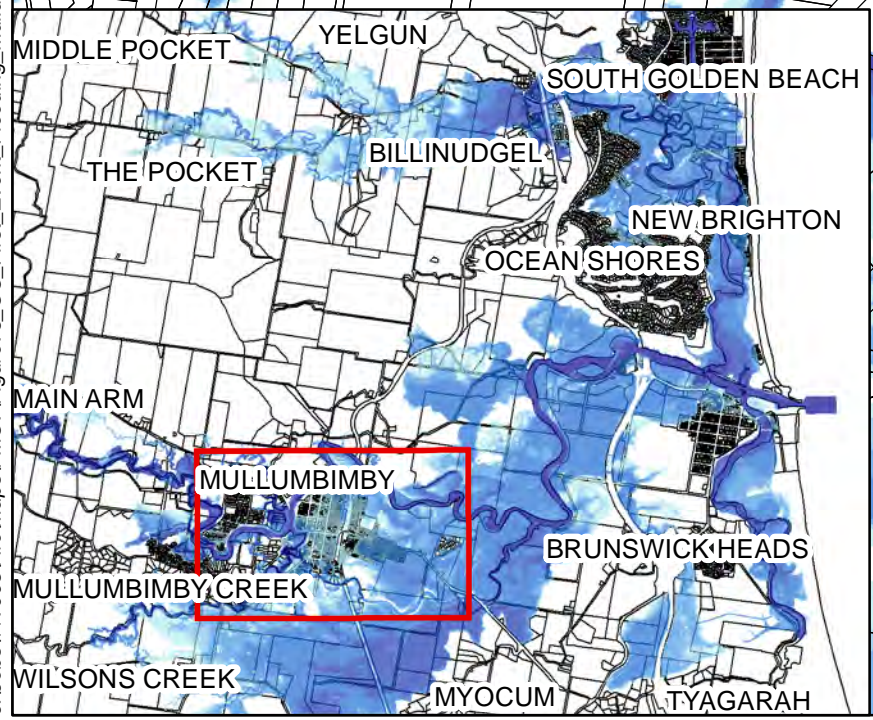
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FIGURE 94  
**NEWLY FLOODED PROPERTIES (ABOVE FLOOR LEVEL)**  
**CLIMATE CHANGE, 1% AEP**  
**MULLUMBIMBY EAST**



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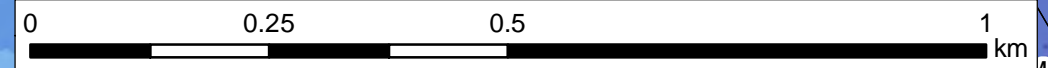


**Flooded above Floor Level for**

- Sea Level Rise 2050
- Sea Level Rise 2100
- Sea Level Rise 2050 + 10%Rain
- Sea Level Rise 2100 + 30%Rain
- Sea Level Rise 2100 + 30%Rain, catchment and ocean combined

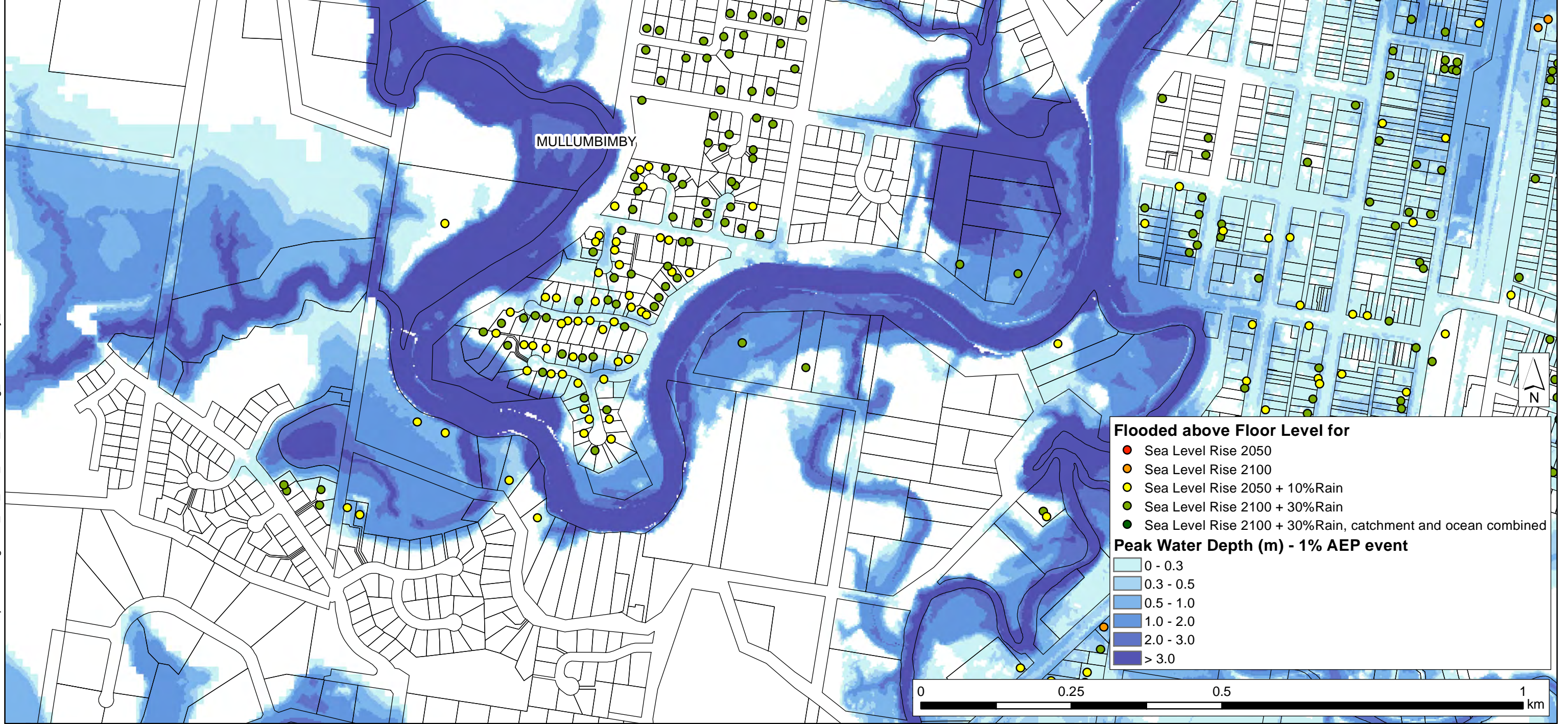
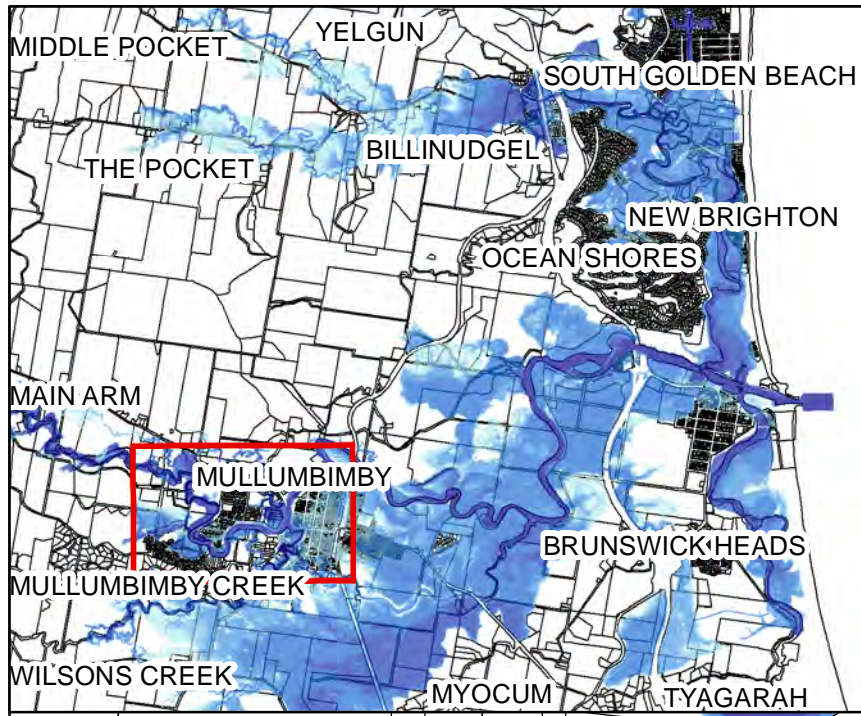
**Peak Water Depth (m) - 1% AEP event**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- 2.0 - 3.0
- > 3.0





**NEWLY FLOODED PROPERTIES (ABOVE FLOOR LEVEL)  
CLIMATE CHANGE, 1% AEP  
MULLUMBIMBY WEST**



**Flooded above Floor Level for**

- Sea Level Rise 2050
- Sea Level Rise 2100
- Sea Level Rise 2050 + 10% Rain
- Sea Level Rise 2100 + 30% Rain
- Sea Level Rise 2100 + 30% Rain, catchment and ocean combined

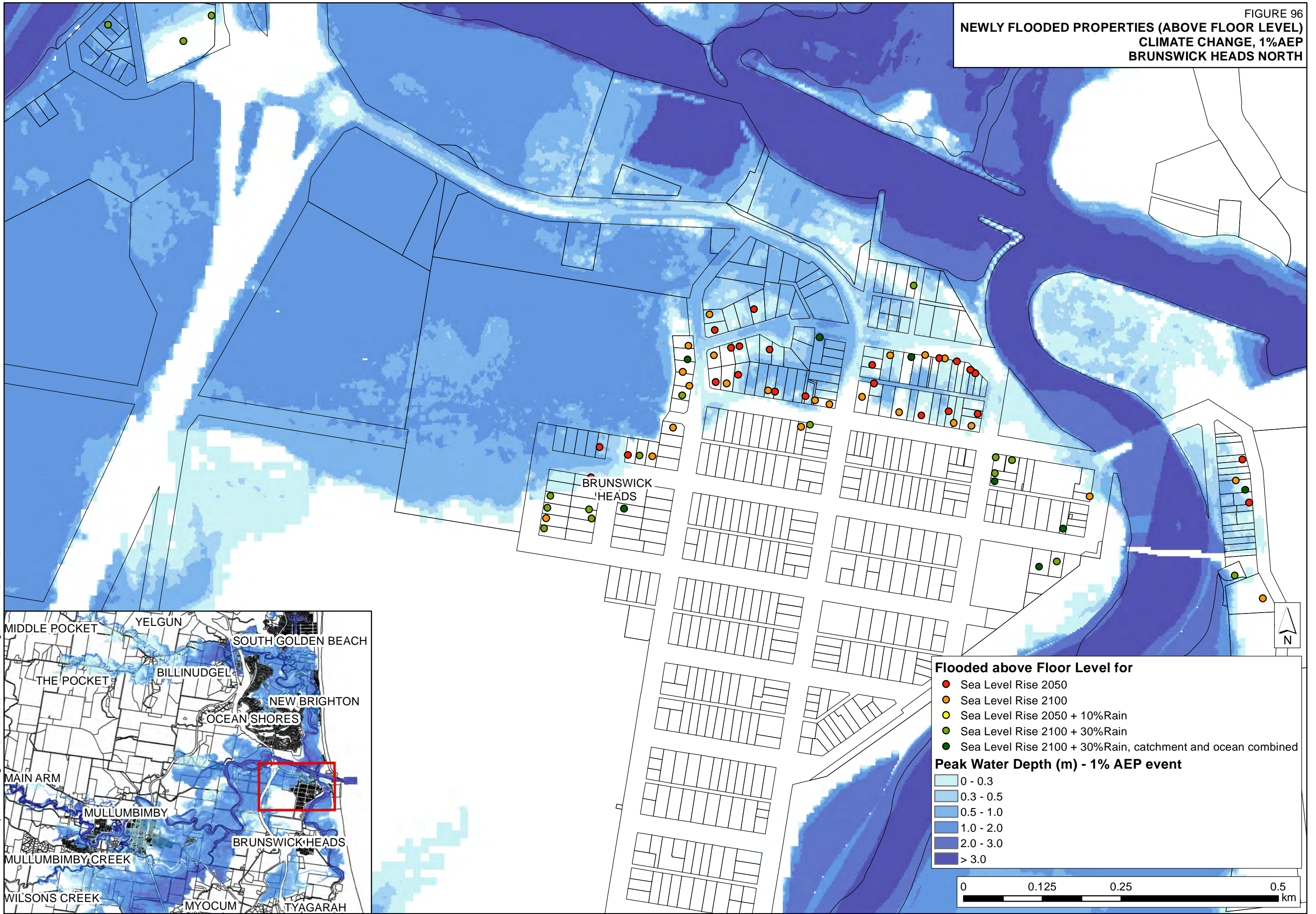
**Peak Water Depth (m) - 1% AEP event**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- 2.0 - 3.0
- > 3.0

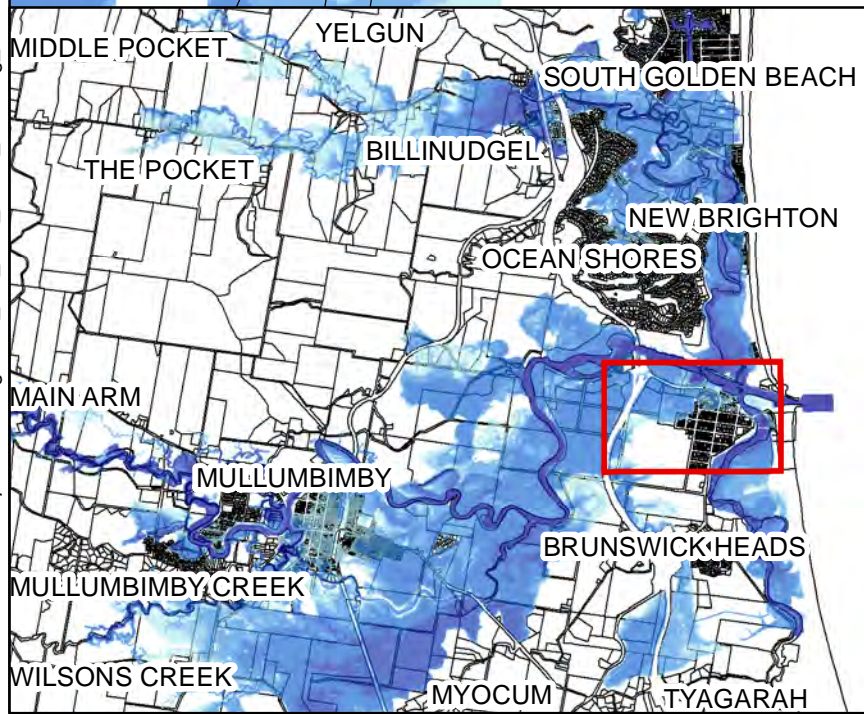




**NEWLY FLOODED PROPERTIES (ABOVE FLOOR LEVEL)  
CLIMATE CHANGE, 1%AEP  
BRUNSWICK HEADS NORTH**

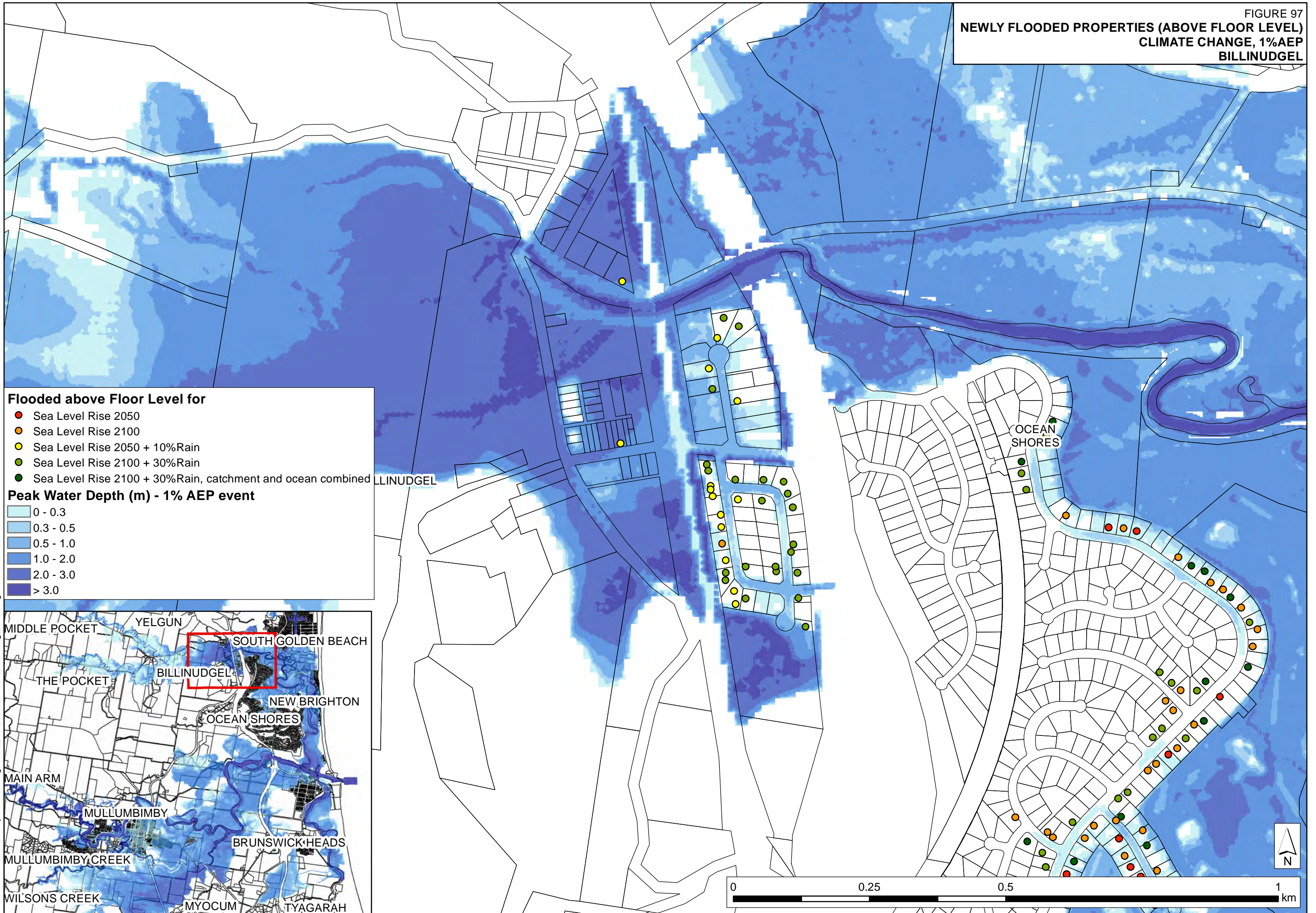


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**NEWLY FLOODED PROPERTIES (ABOVE FLOOR LEVEL)  
CLIMATE CHANGE, 1%AEP  
BILLINUDGEL**



**Flooded above Floor Level for**

- Sea Level Rise 2050
- Sea Level Rise 2100
- Sea Level Rise 2050 + 10% Rain
- Sea Level Rise 2100 + 30% Rain
- Sea Level Rise 2100 + 30% Rain, catchment and ocean combined

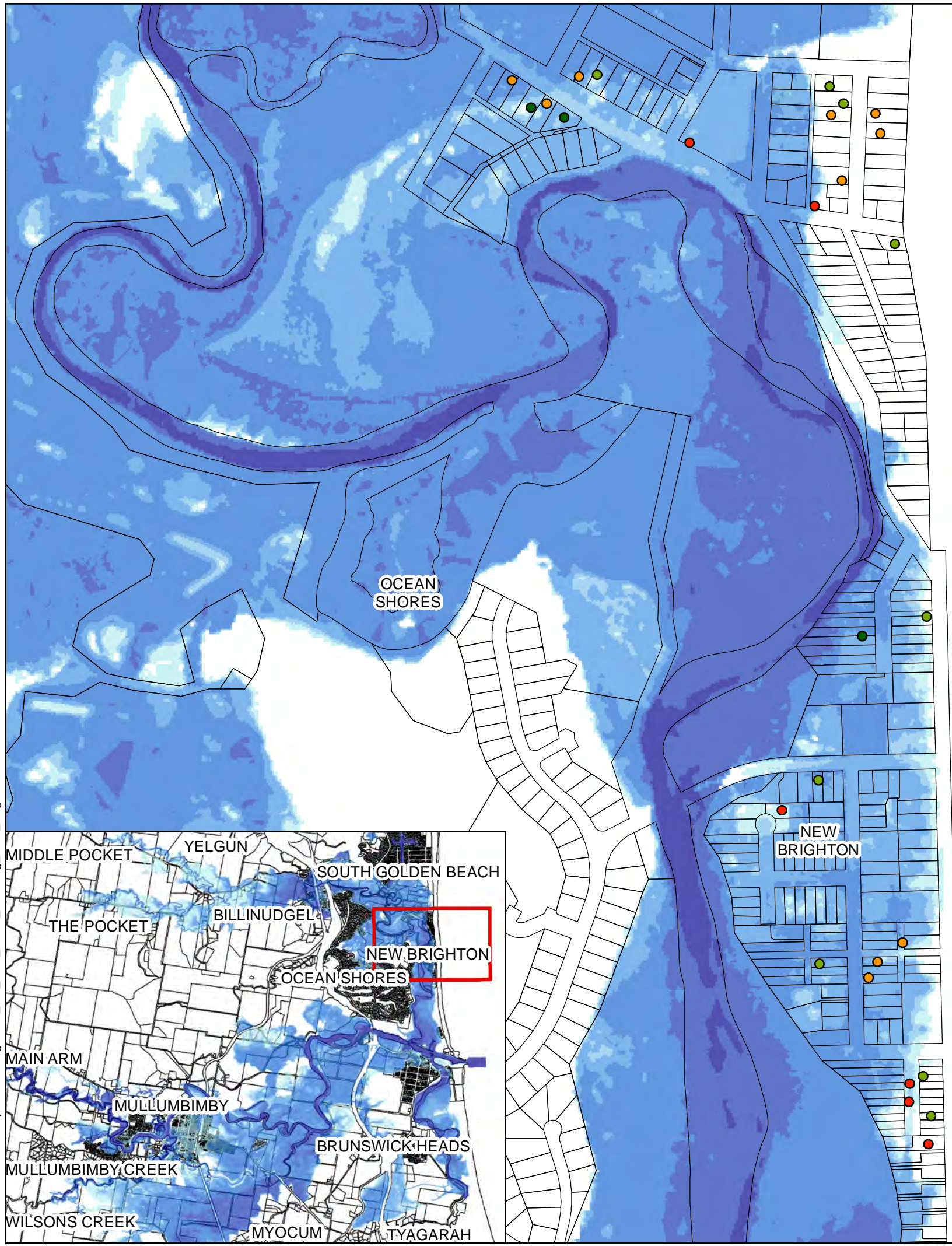
**Peak Water Depth (m) - 1% AEP event**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- 2.0 - 3.0
- > 3.0

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FIGURE 98  
**NEWLY FLOODED PROPERTIES (ABOVE FLOOR LEVEL)**  
**CLIMATE CHANGE, 1%AEP**  
**NEW BRIGHTON**

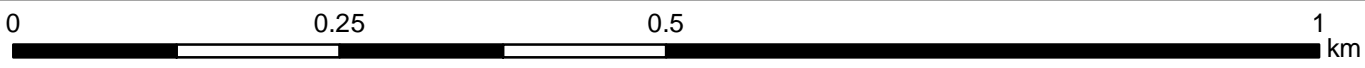


**Flooded above Floor Level for**

- Sea Level Rise 2050
- Sea Level Rise 2100
- Sea Level Rise 2050 + 10%Rain
- Sea Level Rise 2100 + 30%Rain
- Sea Level Rise 2100 + 30%Rain, catchment and ocean combined

**Peak Water Depth (m) - 1% AEP event**

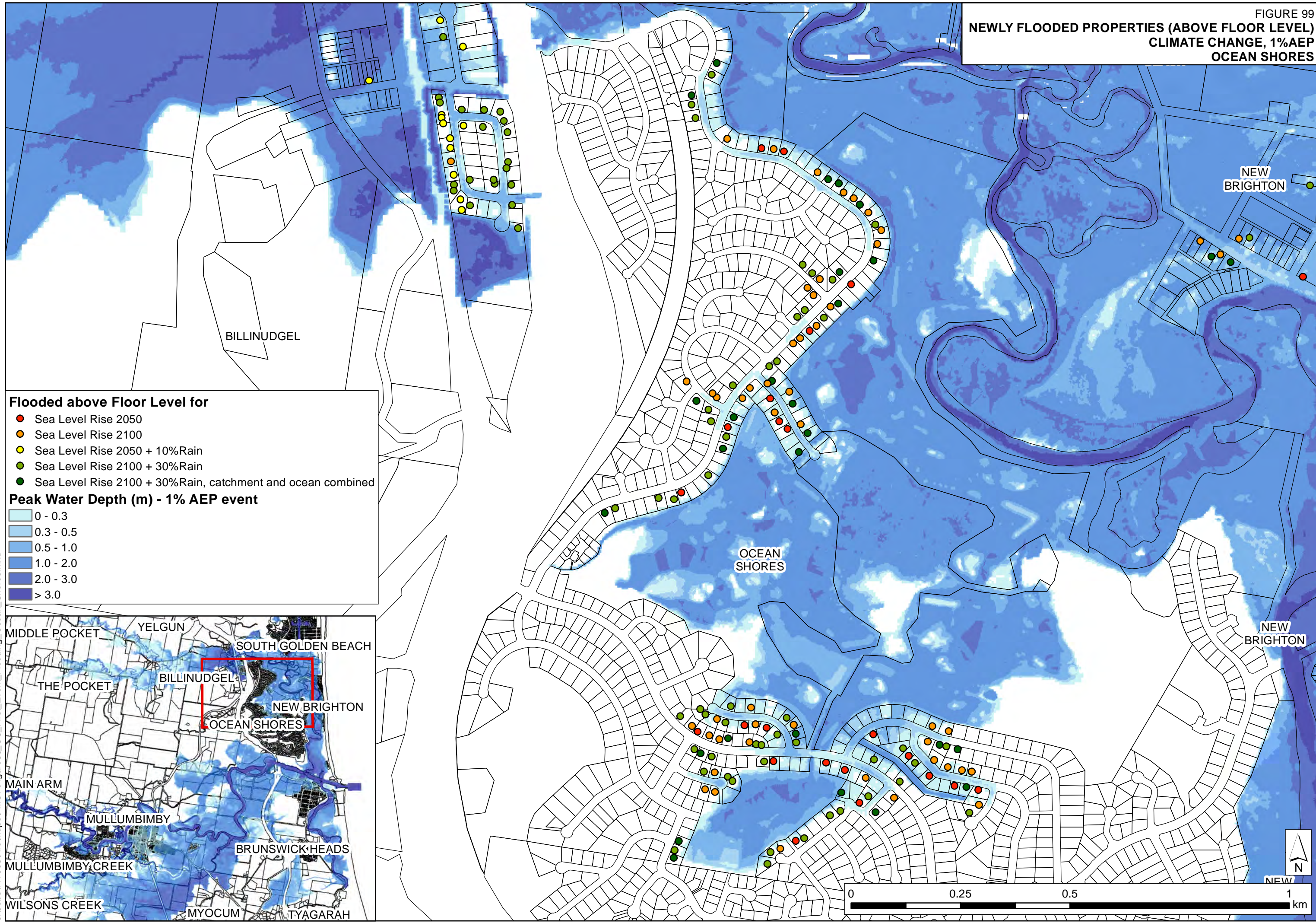
- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- 2.0 - 3.0
- > 3.0



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FIGURE 99  
**NEWLY FLOODED PROPERTIES (ABOVE FLOOR LEVEL)**  
**CLIMATE CHANGE, 1%AEP**  
**OCEAN SHORES**

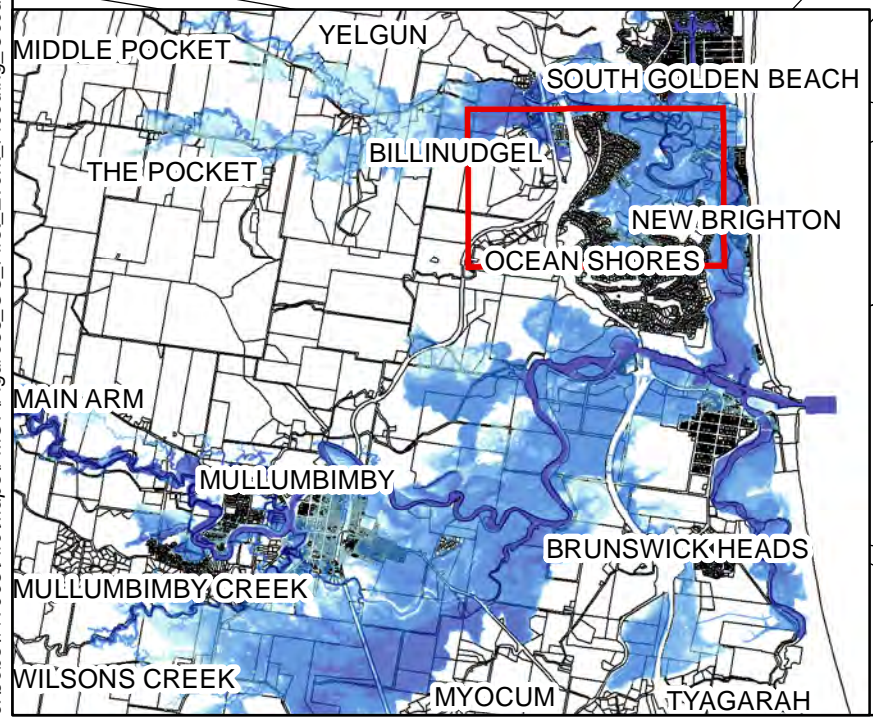


**Flooded above Floor Level for**

- Sea Level Rise 2050
- Sea Level Rise 2100
- Sea Level Rise 2050 + 10%Rain
- Sea Level Rise 2100 + 30%Rain
- Sea Level Rise 2100 + 30%Rain, catchment and ocean combined

**Peak Water Depth (m) - 1% AEP event**

- 0 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- 2.0 - 3.0
- > 3.0



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