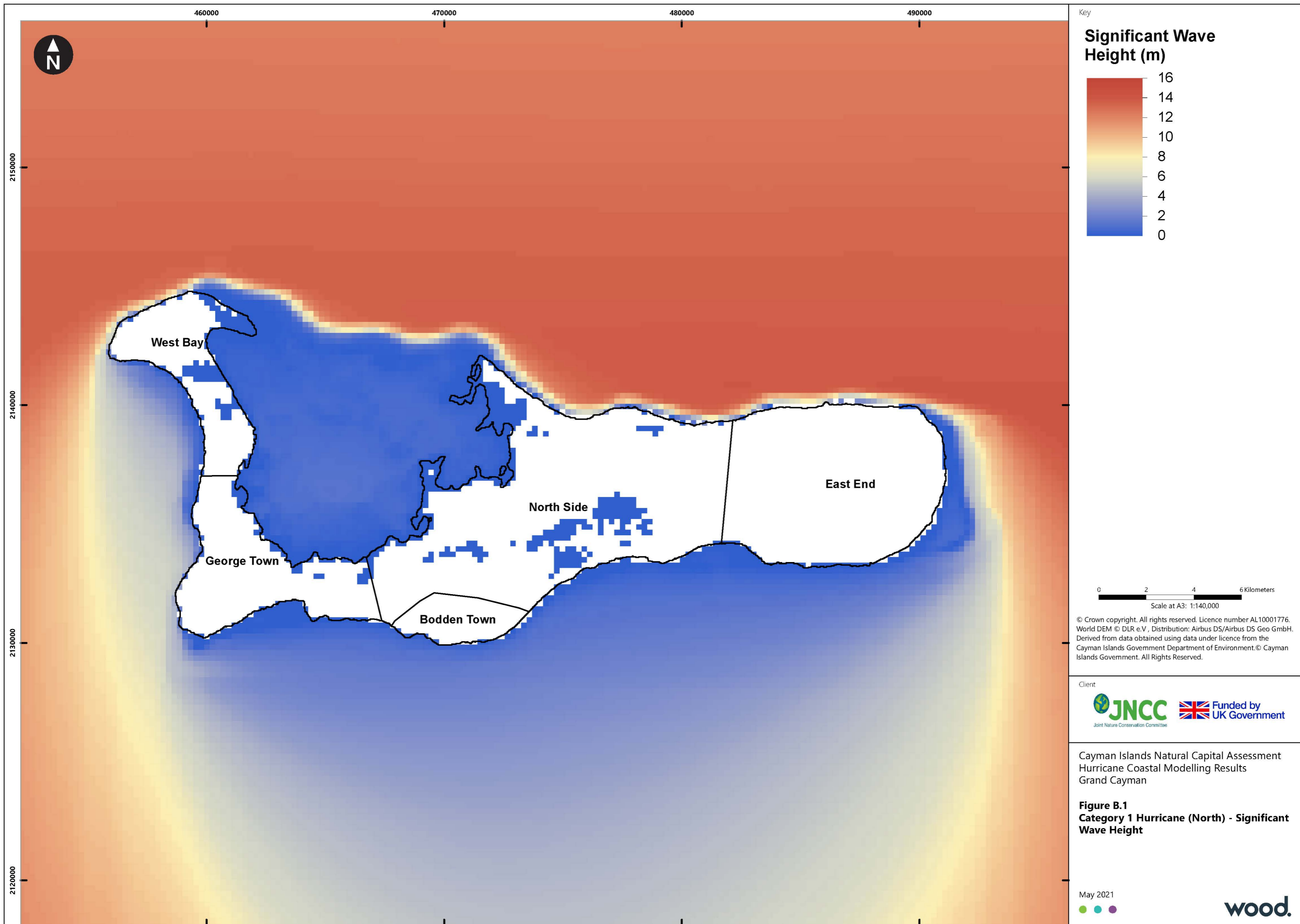
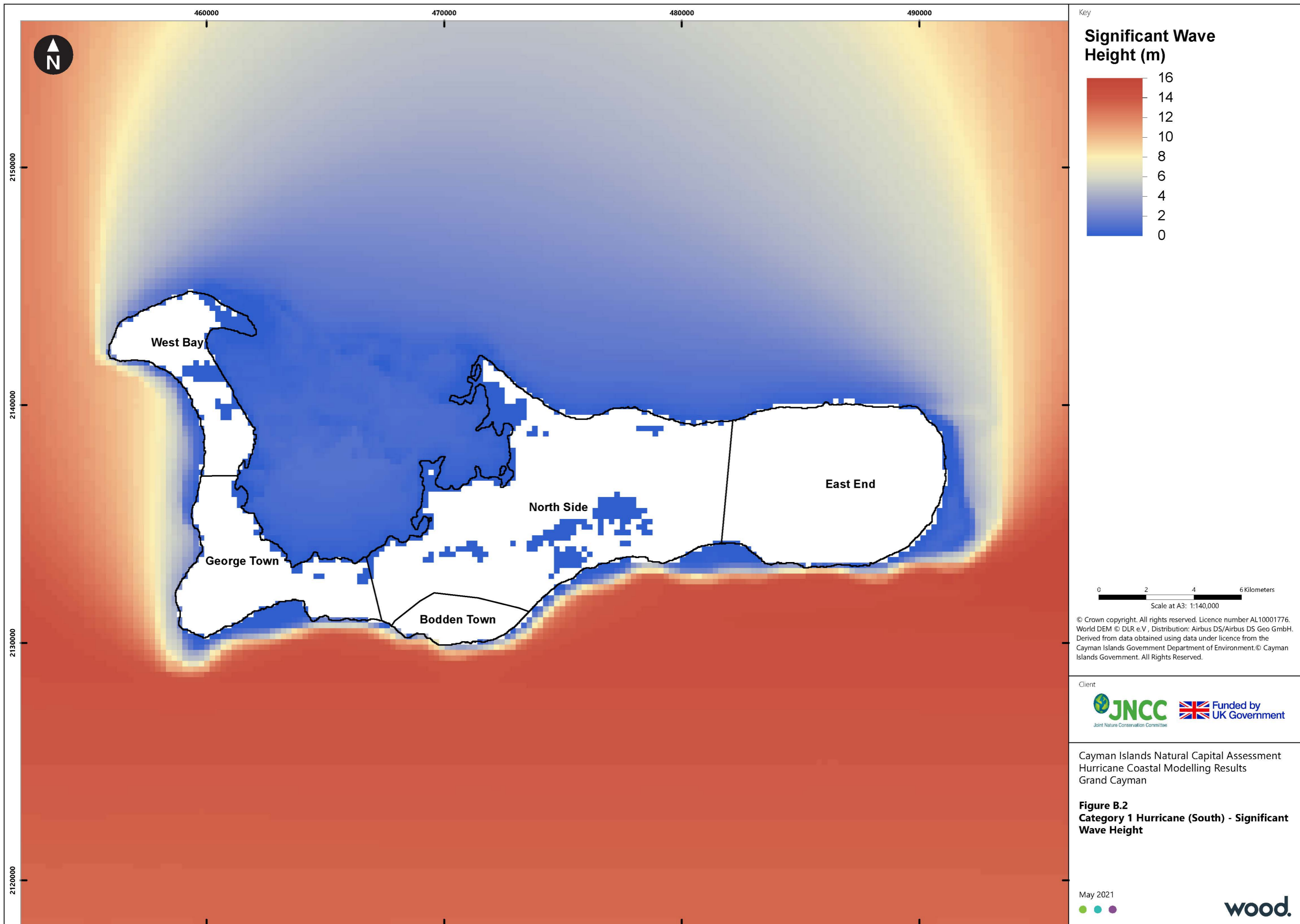
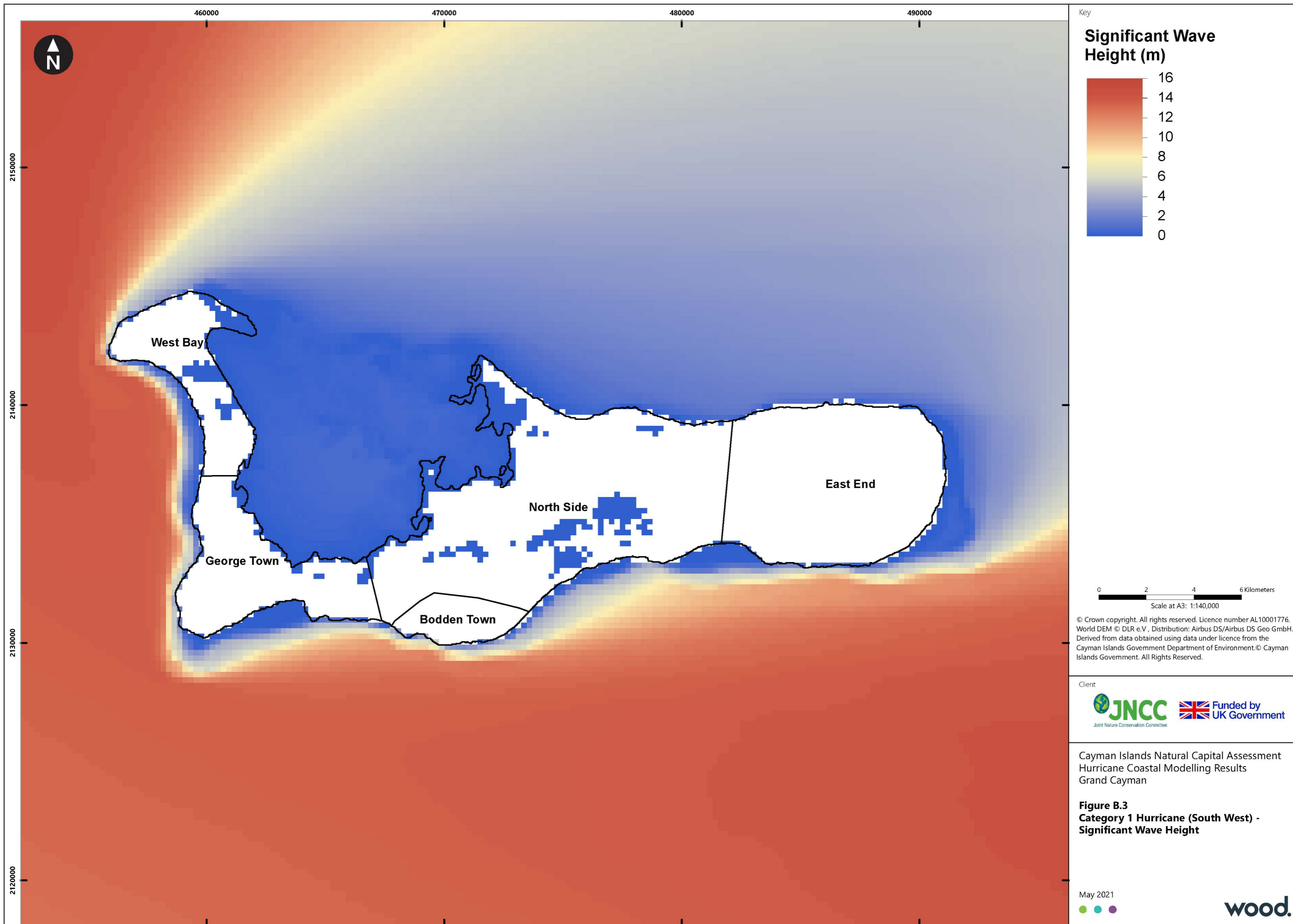


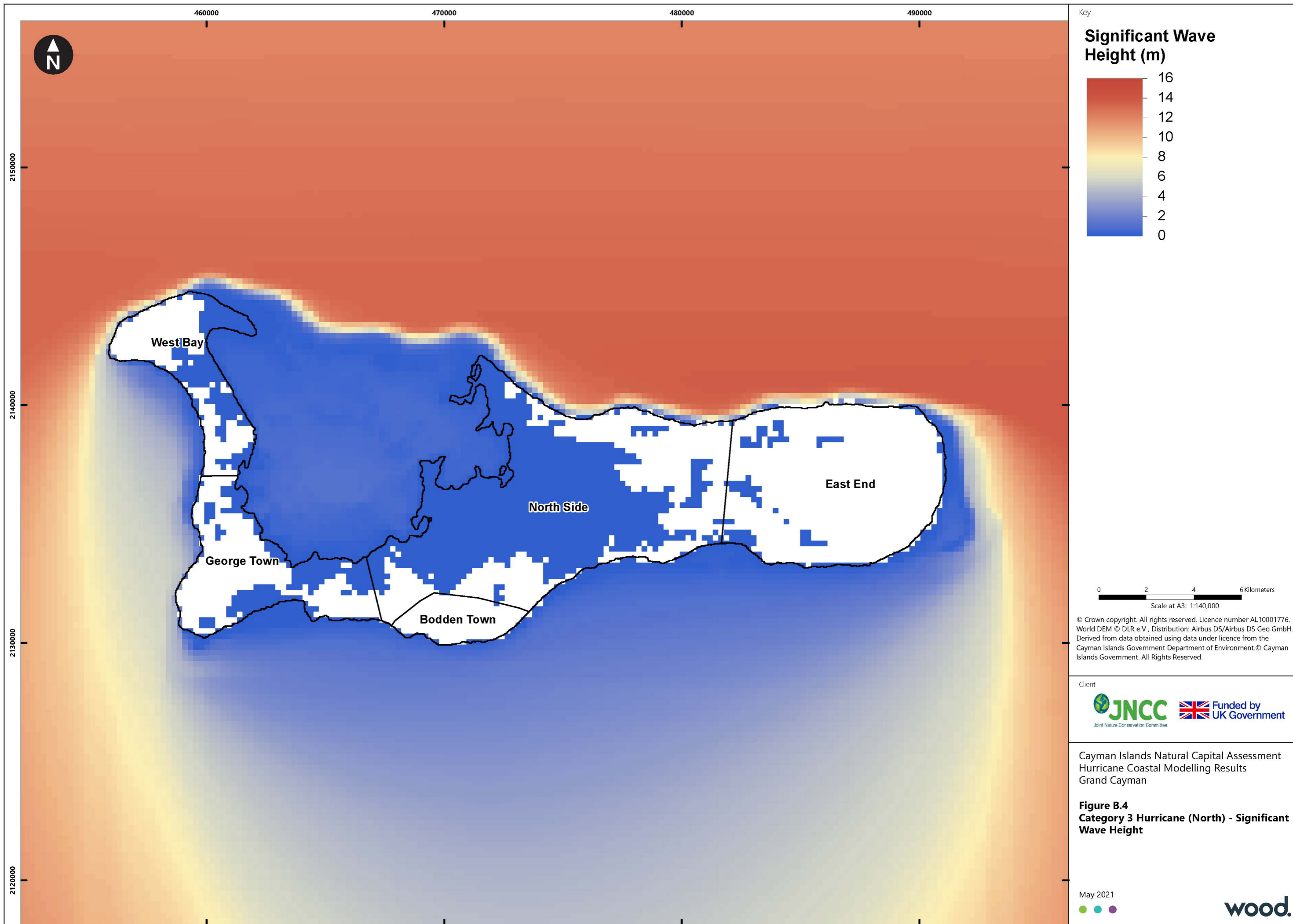
Model development to assess the vulnerability of the Cayman Islands to storm surge and inland flooding, and the role and value of natural capital in mitigating the impacts C20-0302-1509

Appendix B presents the coastal modelling results as a series of maps, described in sections 5.2 & 6.2 of the [main report](#)









Key

**Significant Wave Height (m)**

16  
14  
12  
10  
8  
6  
4  
2  
0

0 2 4 6 Kilometers

Scale at A3: 1:140,000

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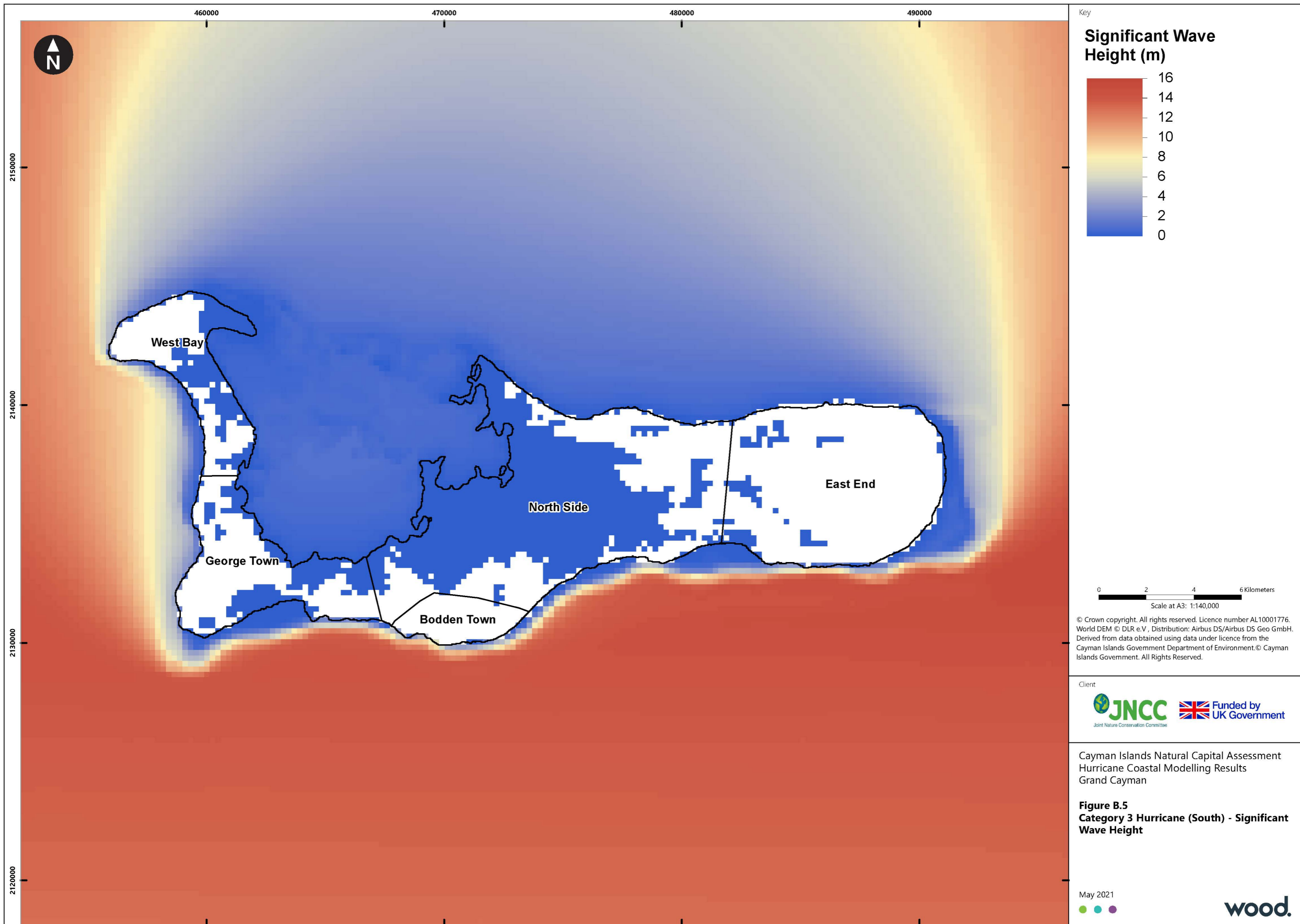
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**Figure B.4**  
**Category 3 Hurricane (North) - Significant Wave Height**



Key

**Significant Wave Height (m)**

16  
14  
12  
10  
8  
6  
4  
2  
0

0 2 4 6 Kilometers

Scale at A3: 1:140,000

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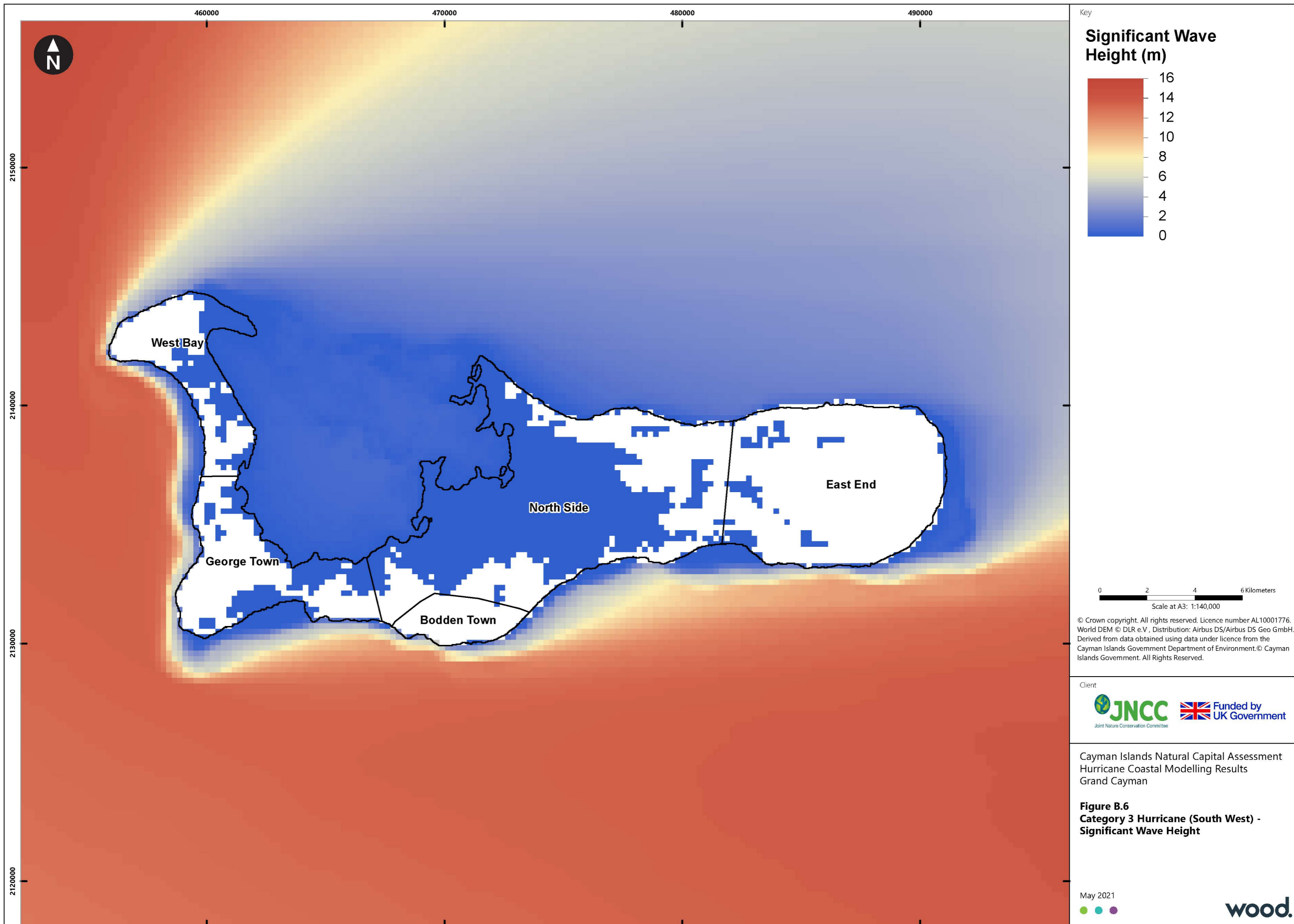
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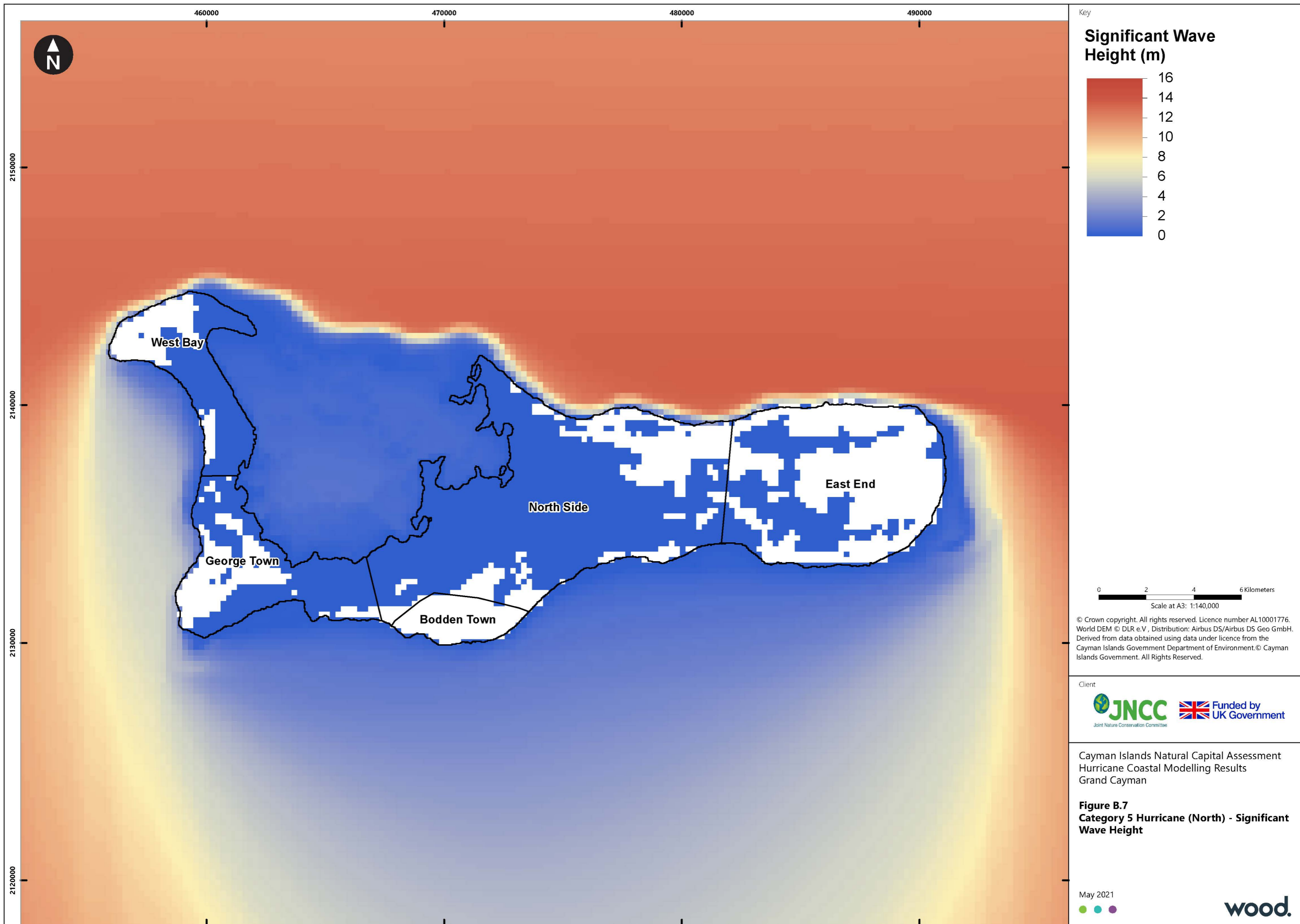
 

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**Figure B.5**  
**Category 3 Hurricane (South) - Significant Wave Height**





Key

**Significant Wave Height (m)**

16  
14  
12  
10  
8  
6  
4  
2  
0

0 2 4 6 Kilometers  
Scale at A3: 1:140,000

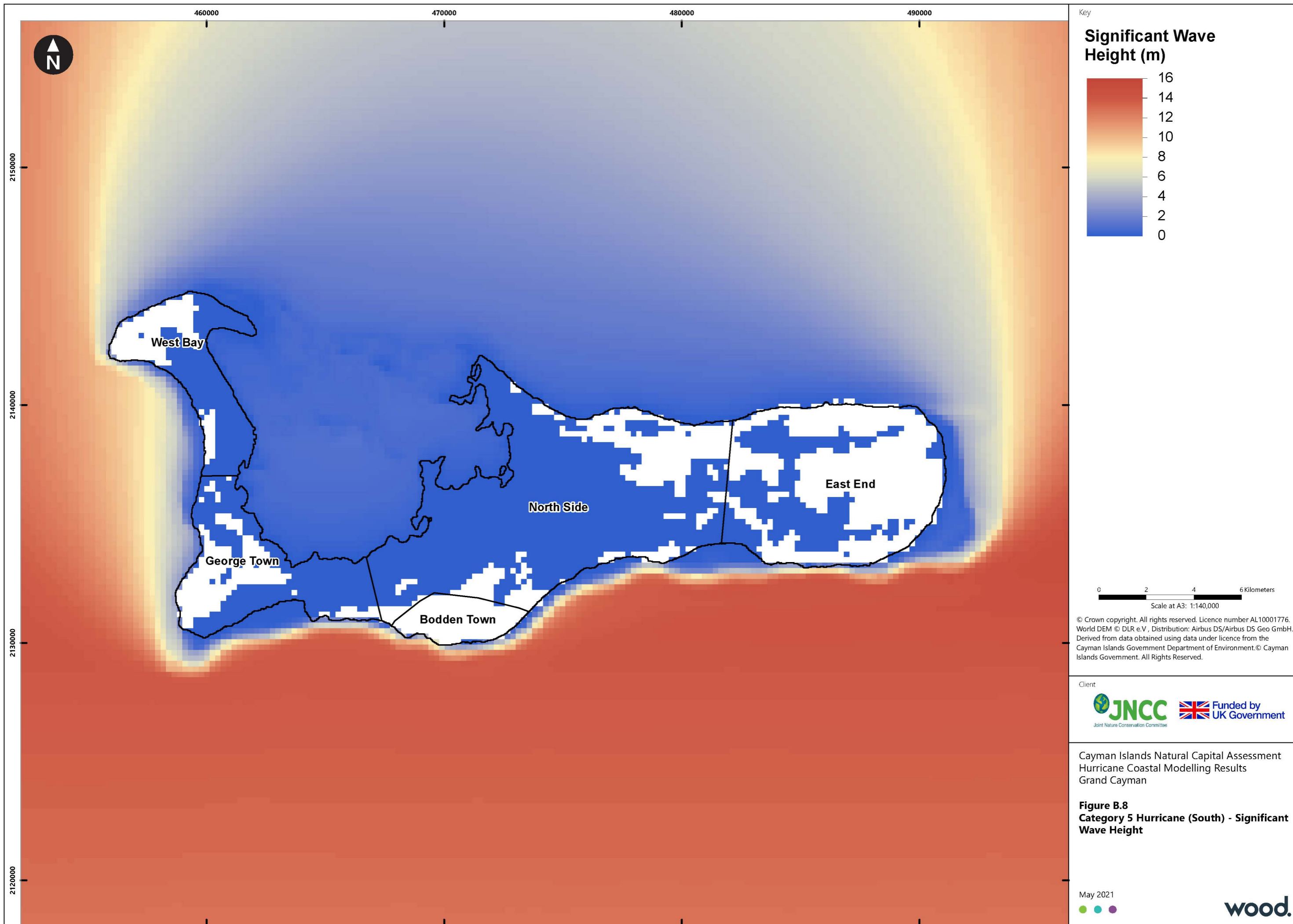
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**Figure B.7**  
**Category 5 Hurricane (North) - Significant**  
**Wave Height**



Key

**Significant Wave Height (m)**

16  
14  
12  
10  
8  
6  
4  
2  
0

0 2 4 6 Kilometers  
Scale at A3: 1:140,000

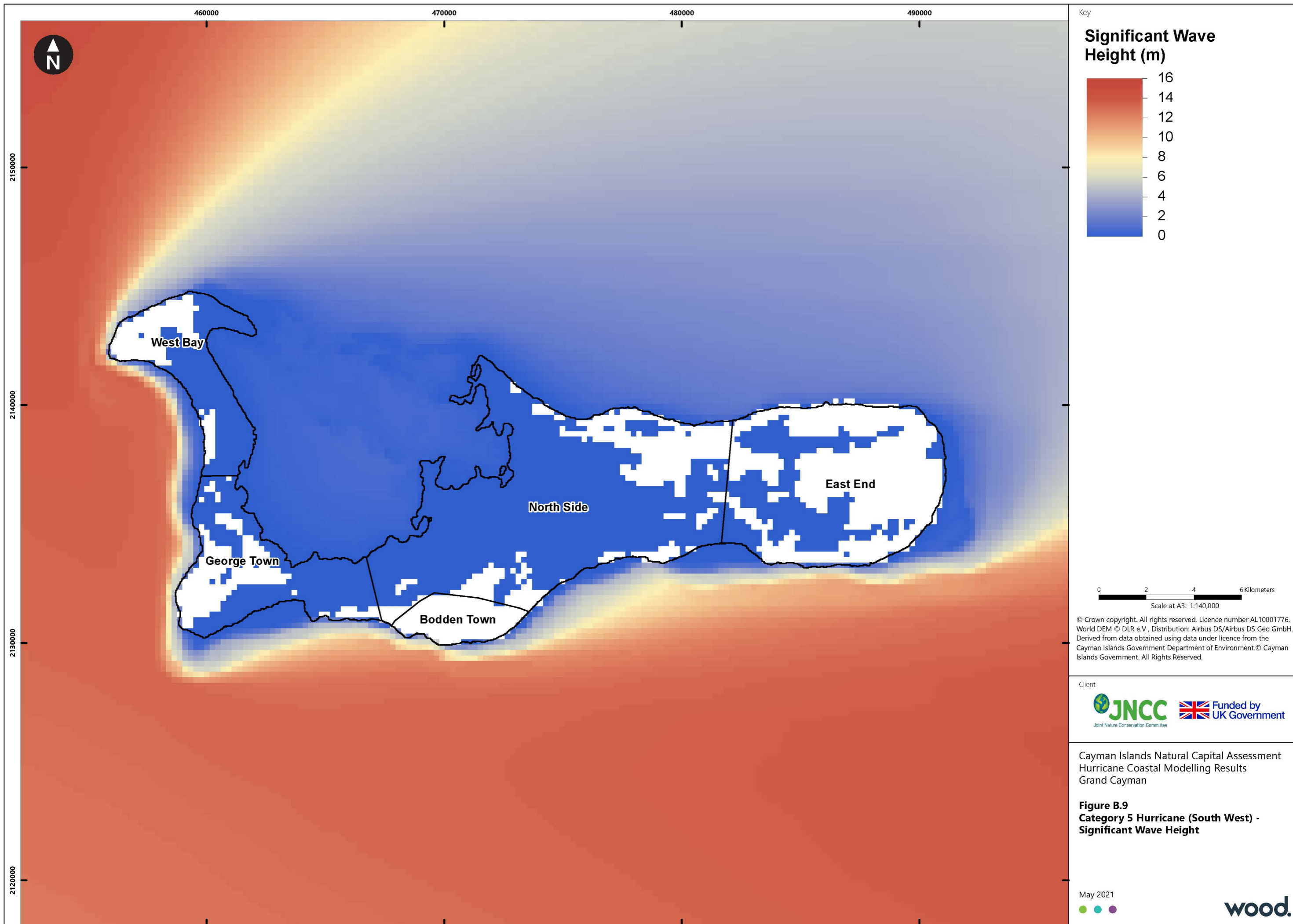
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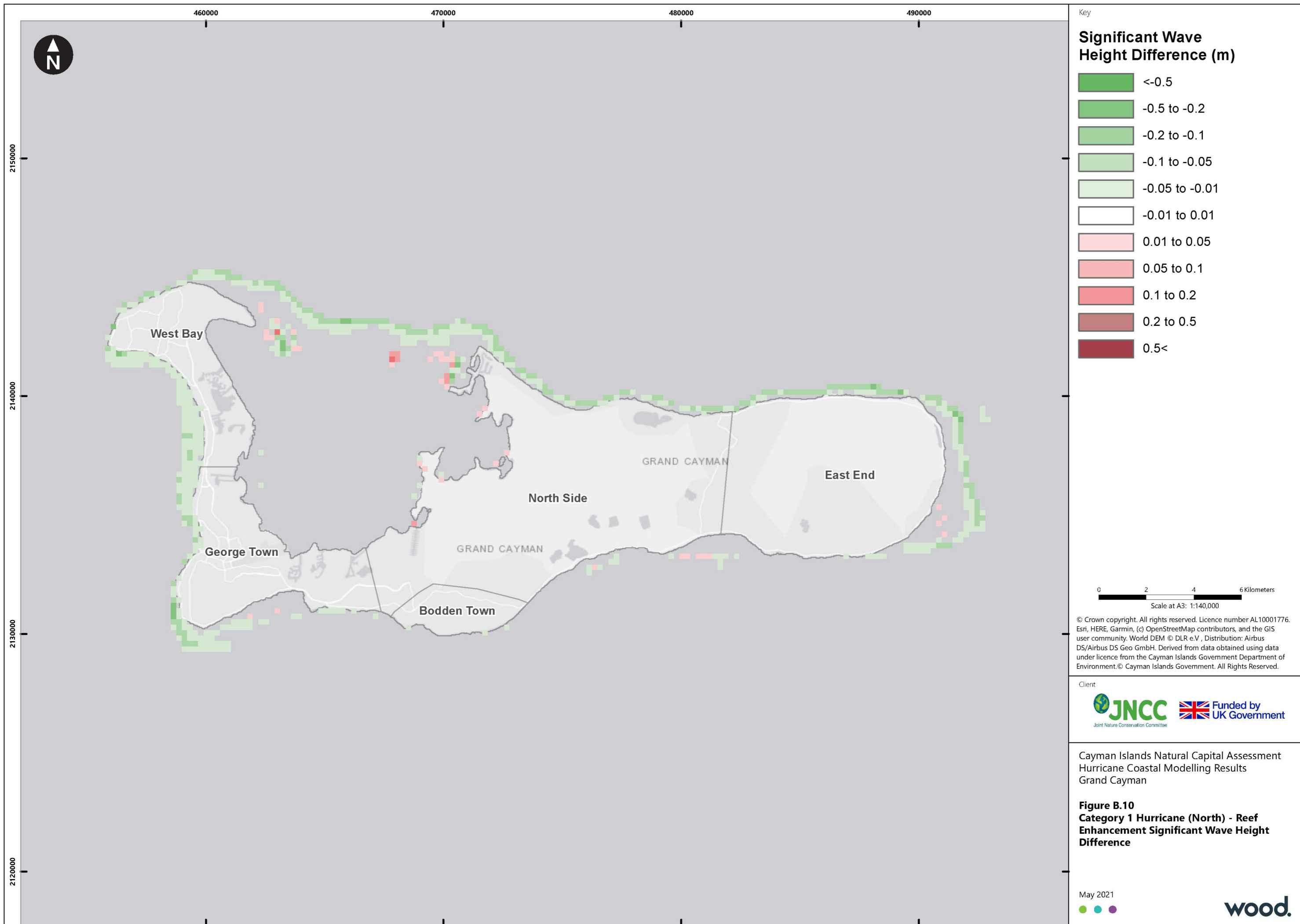
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**Figure B.8**  
**Category 5 Hurricane (South) - Significant**  
**Wave Height**





Key

**Significant Wave Height Difference (m)**

- <-0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.05
- 0.05 to -0.01
- 0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- 0.5<

0 2 4 6 Kilometers  
Scale at A3: 1:140,000

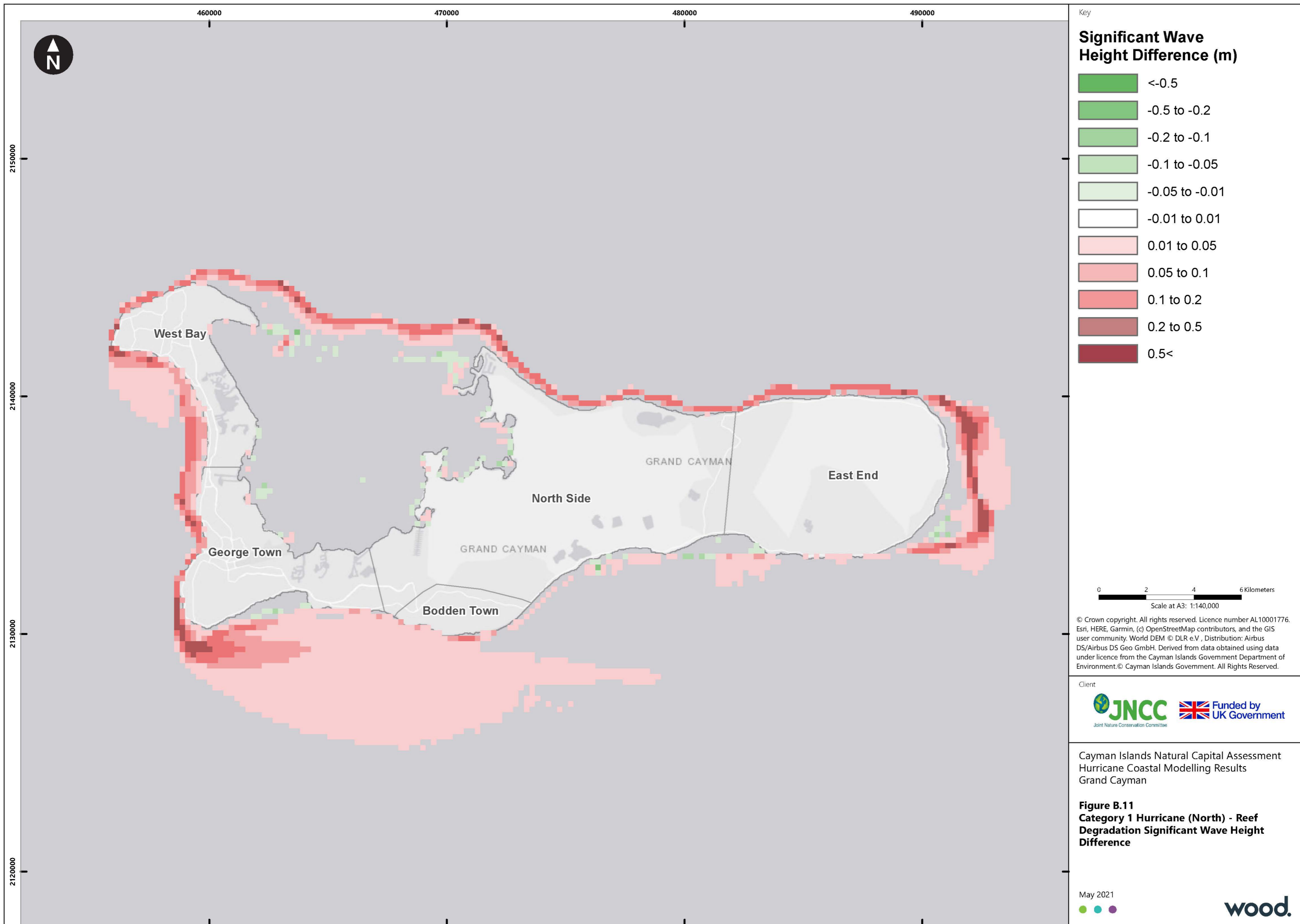
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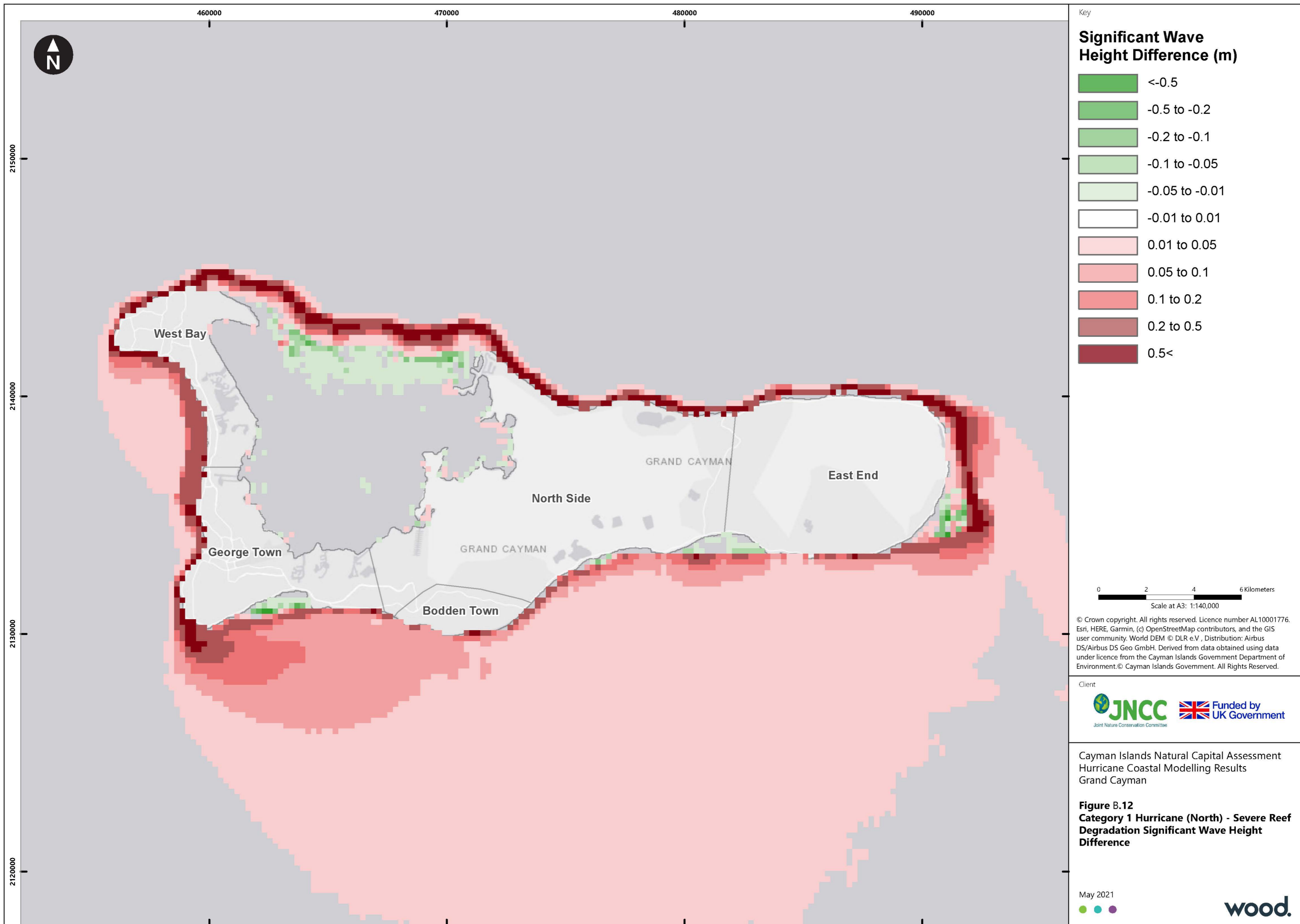
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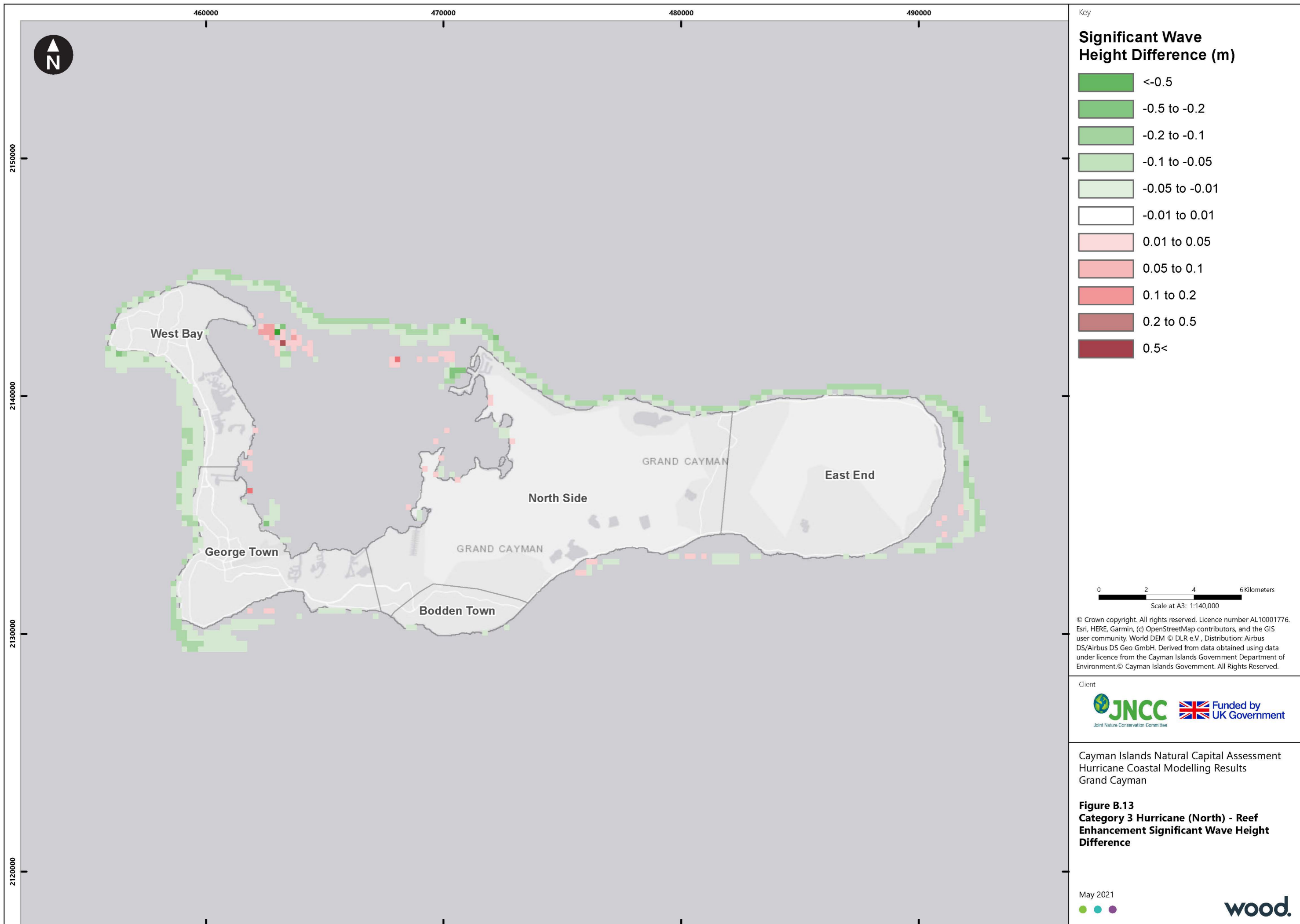


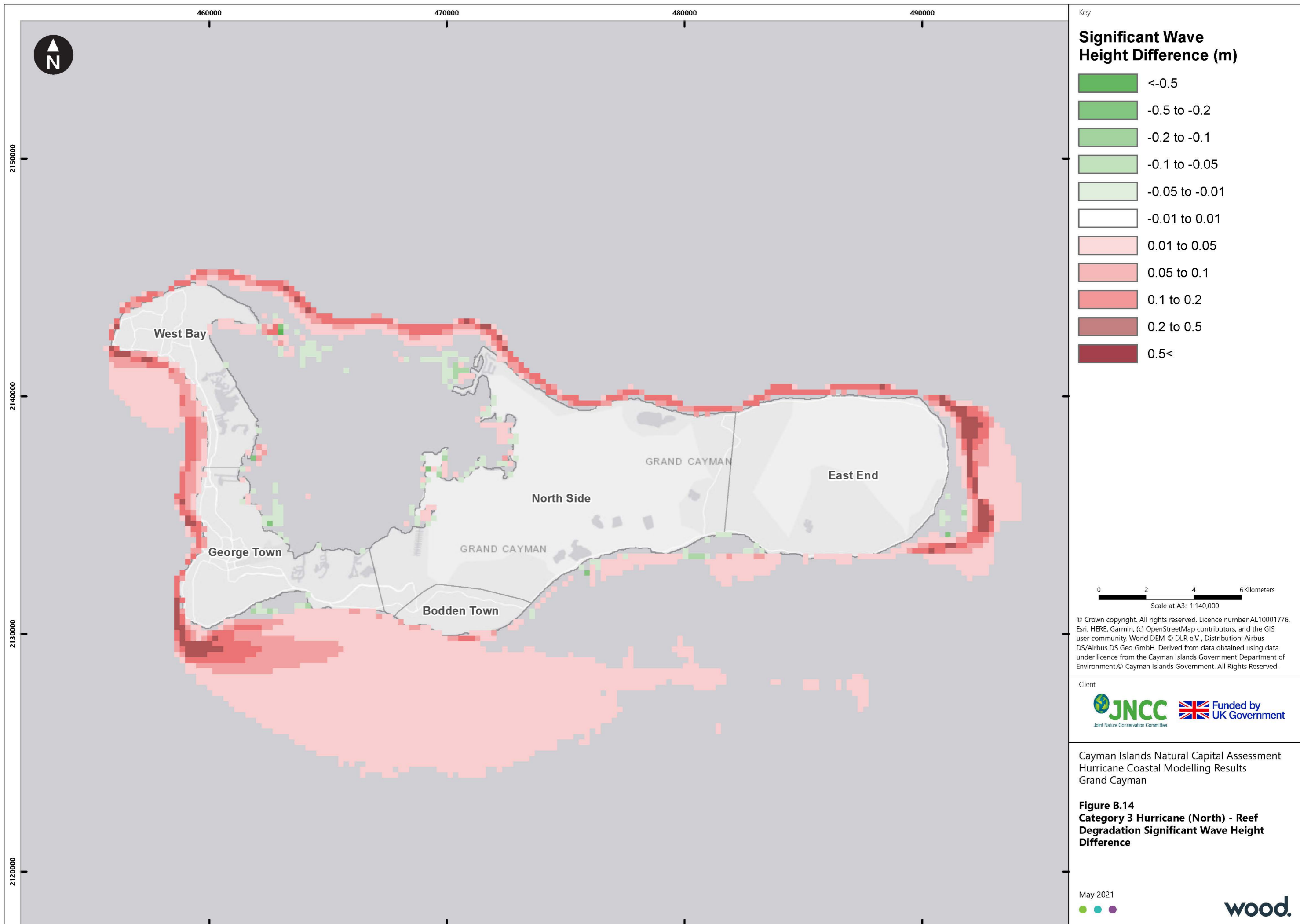
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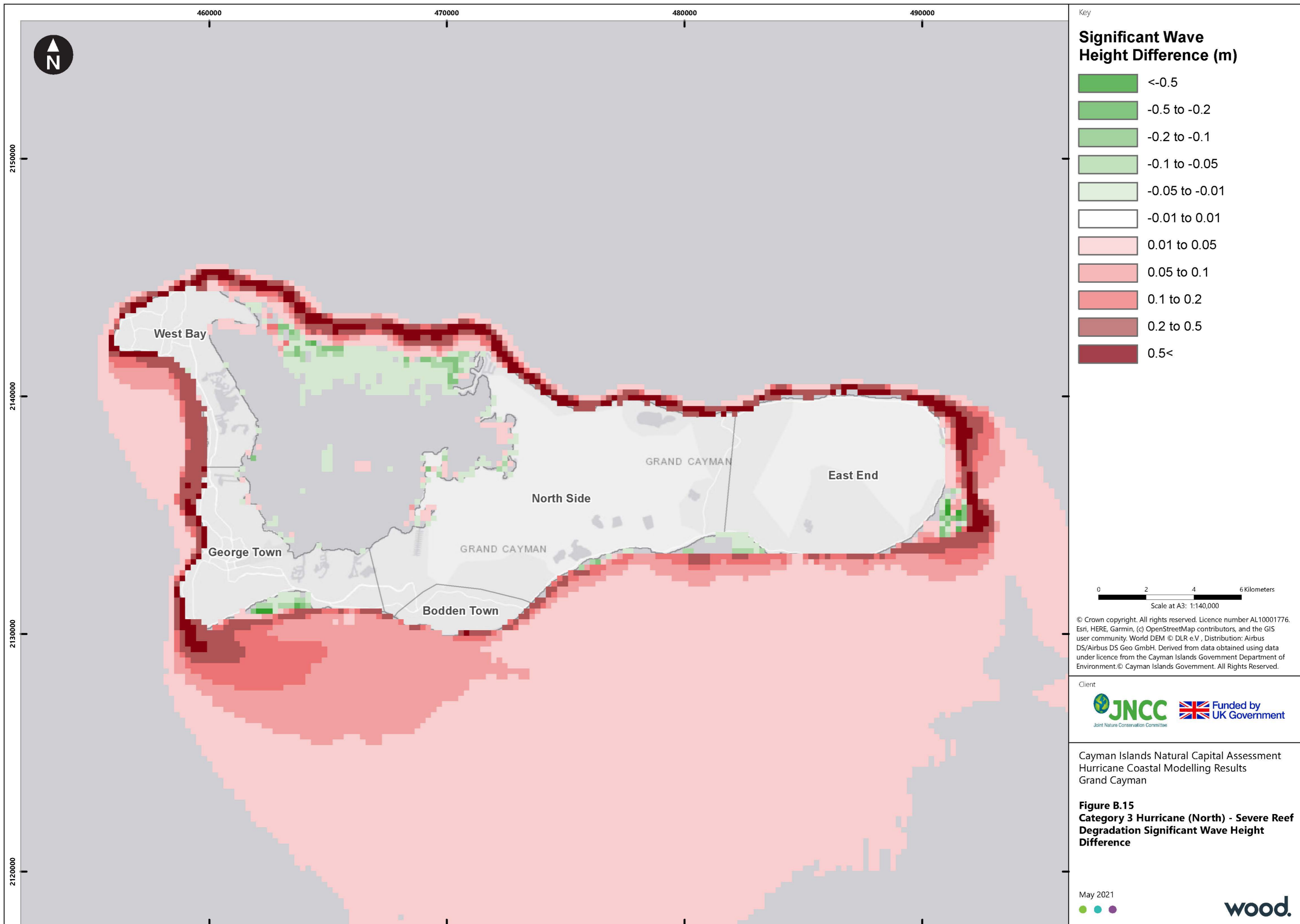
**Figure B.10**  
**Category 1 Hurricane (North) - Reef Enhancement Significant Wave Height Difference**

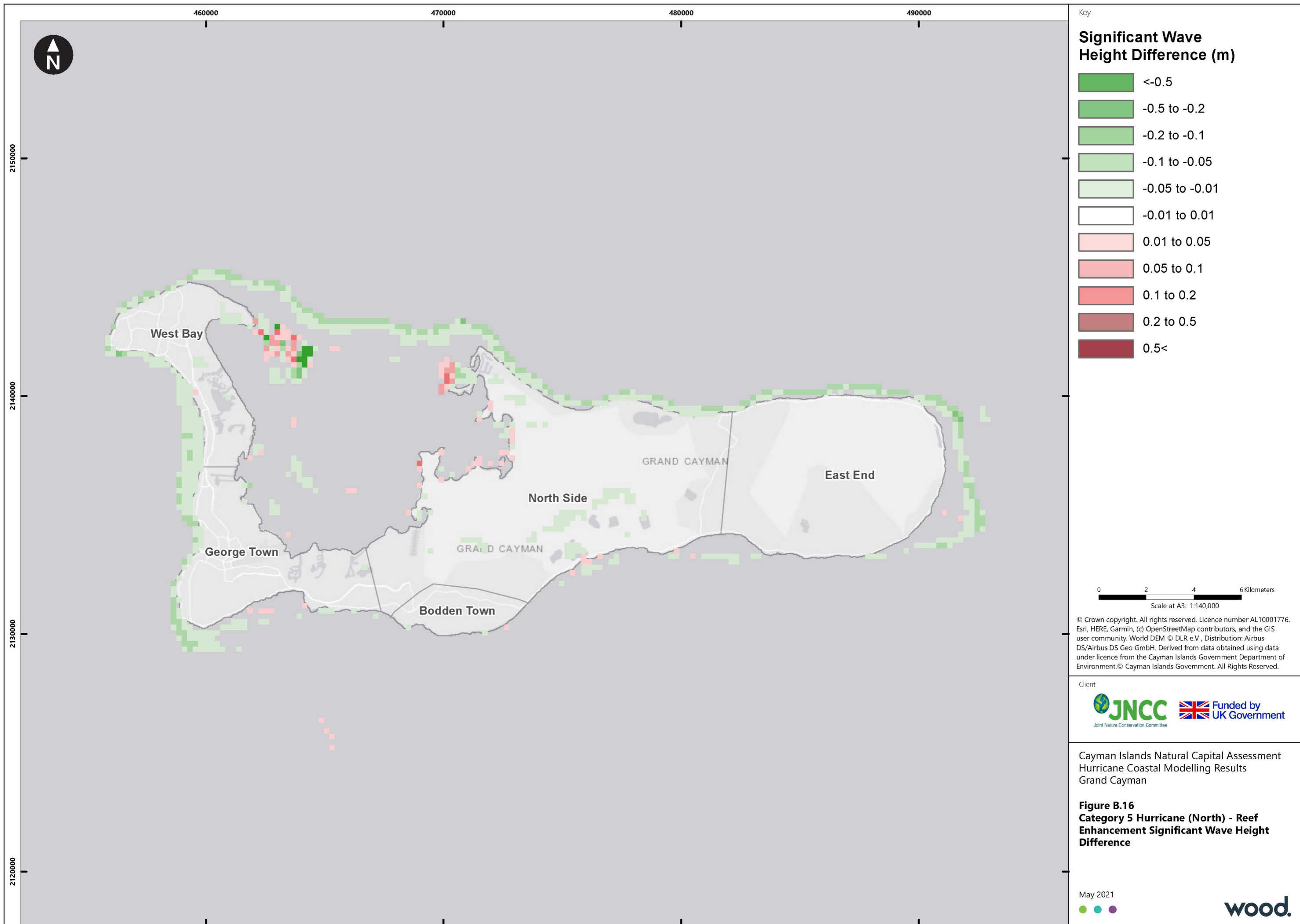


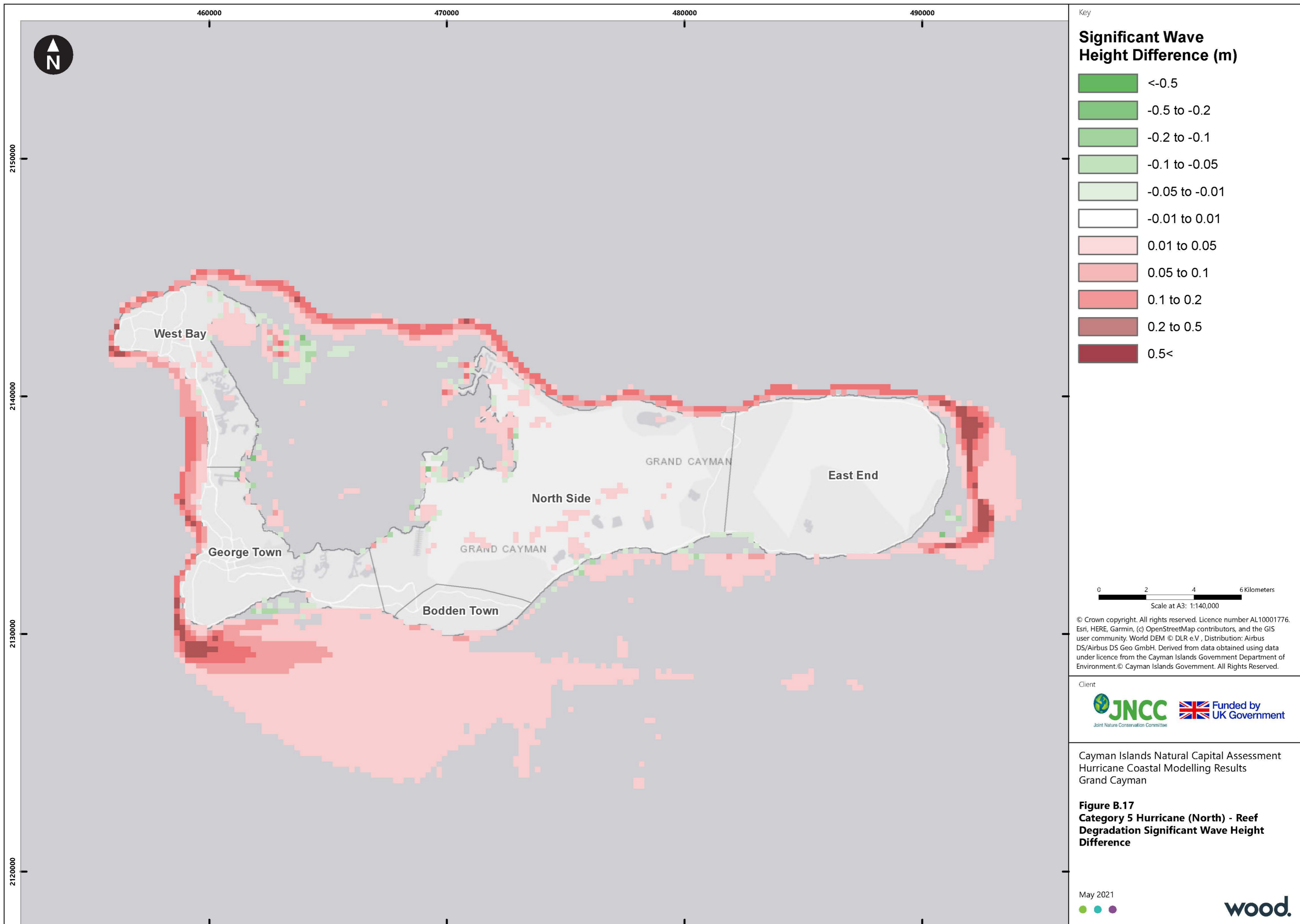


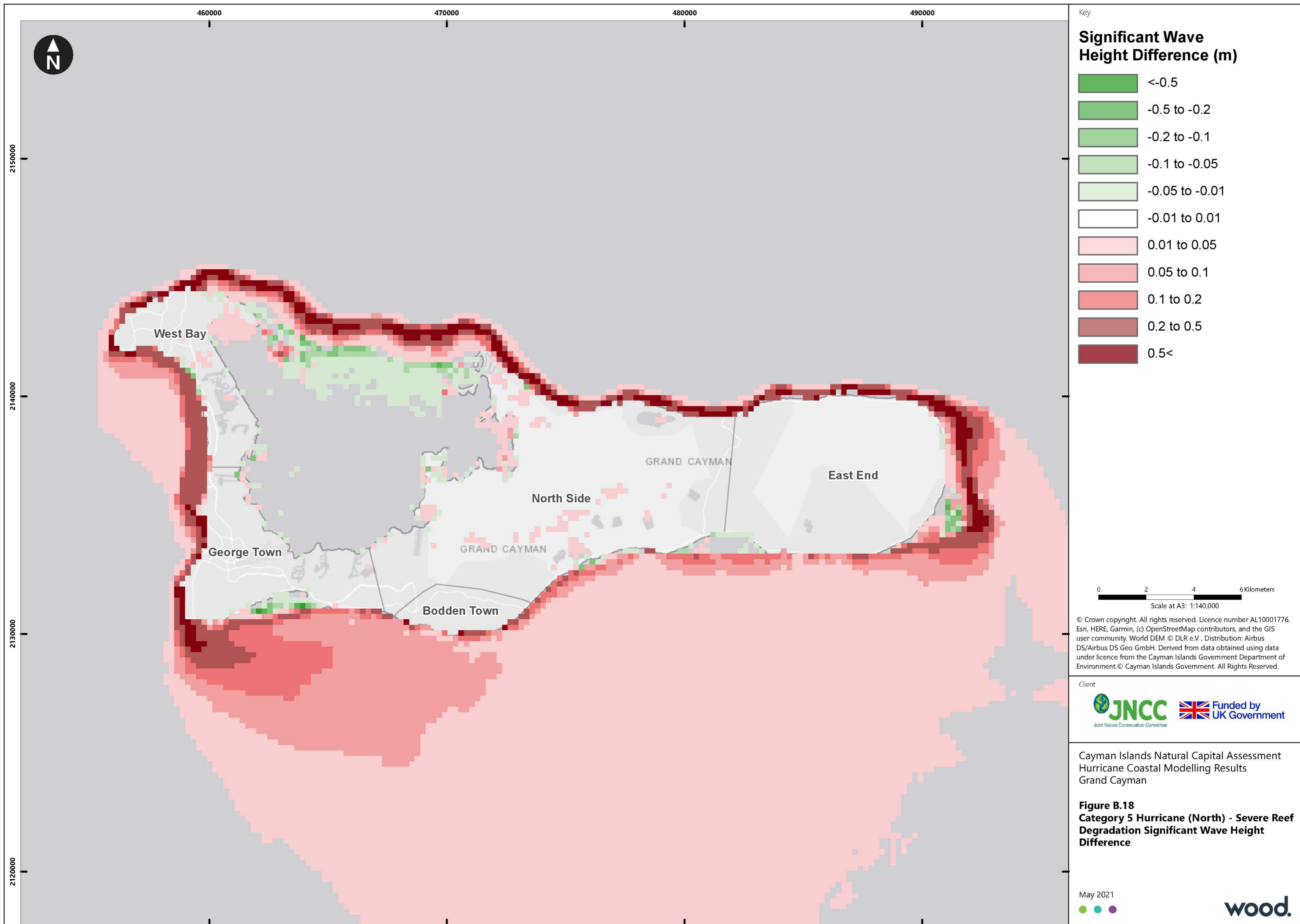


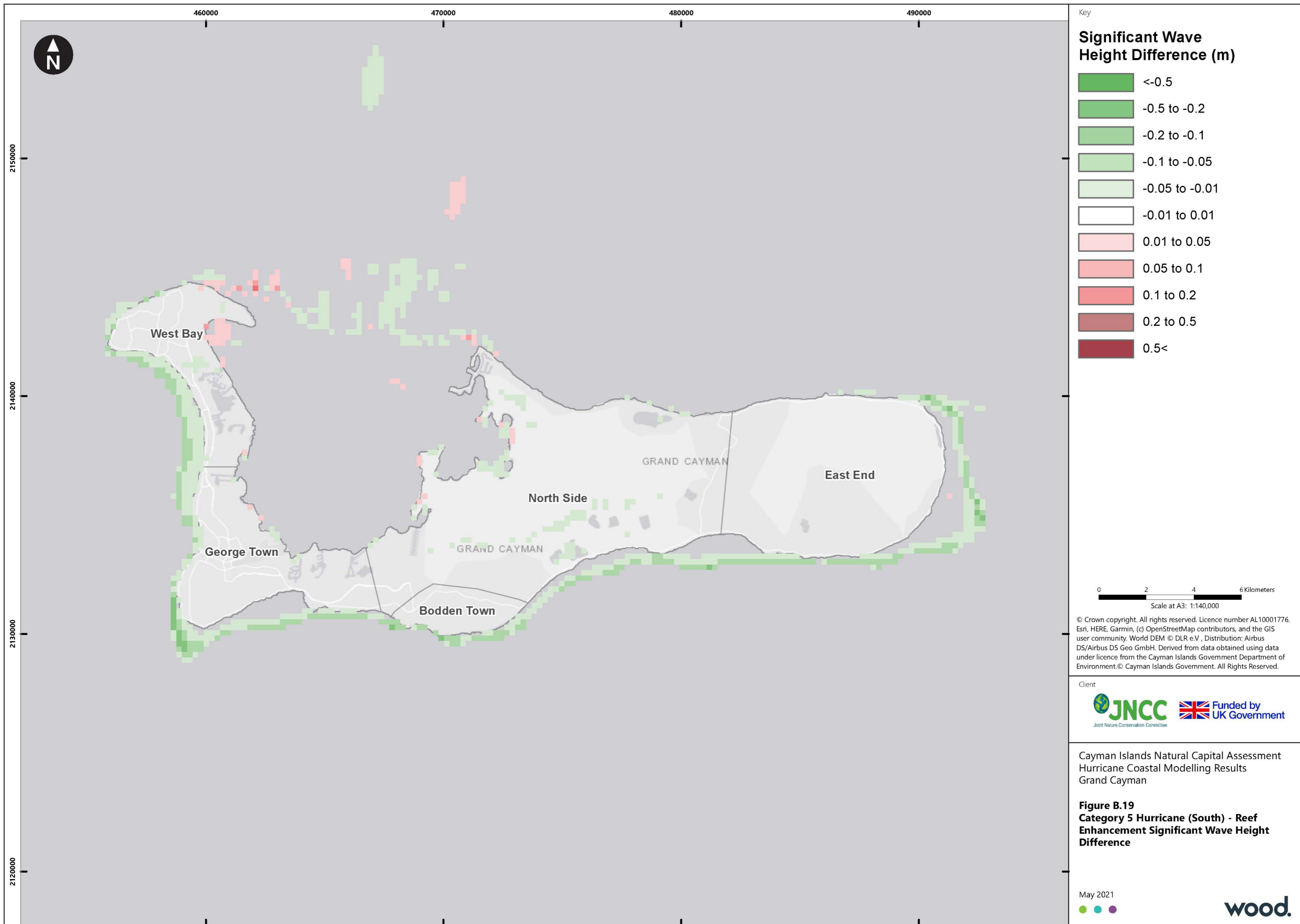


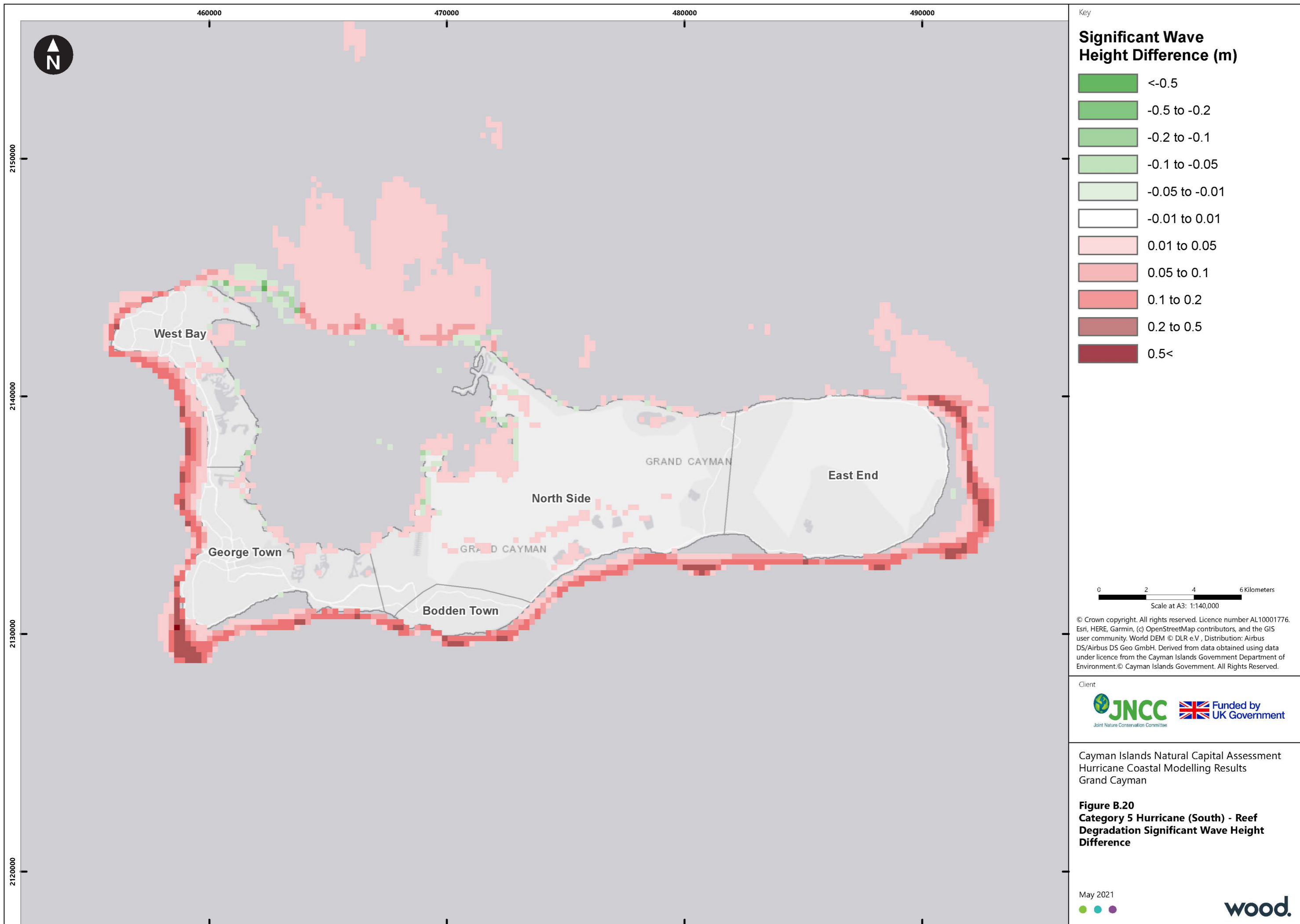


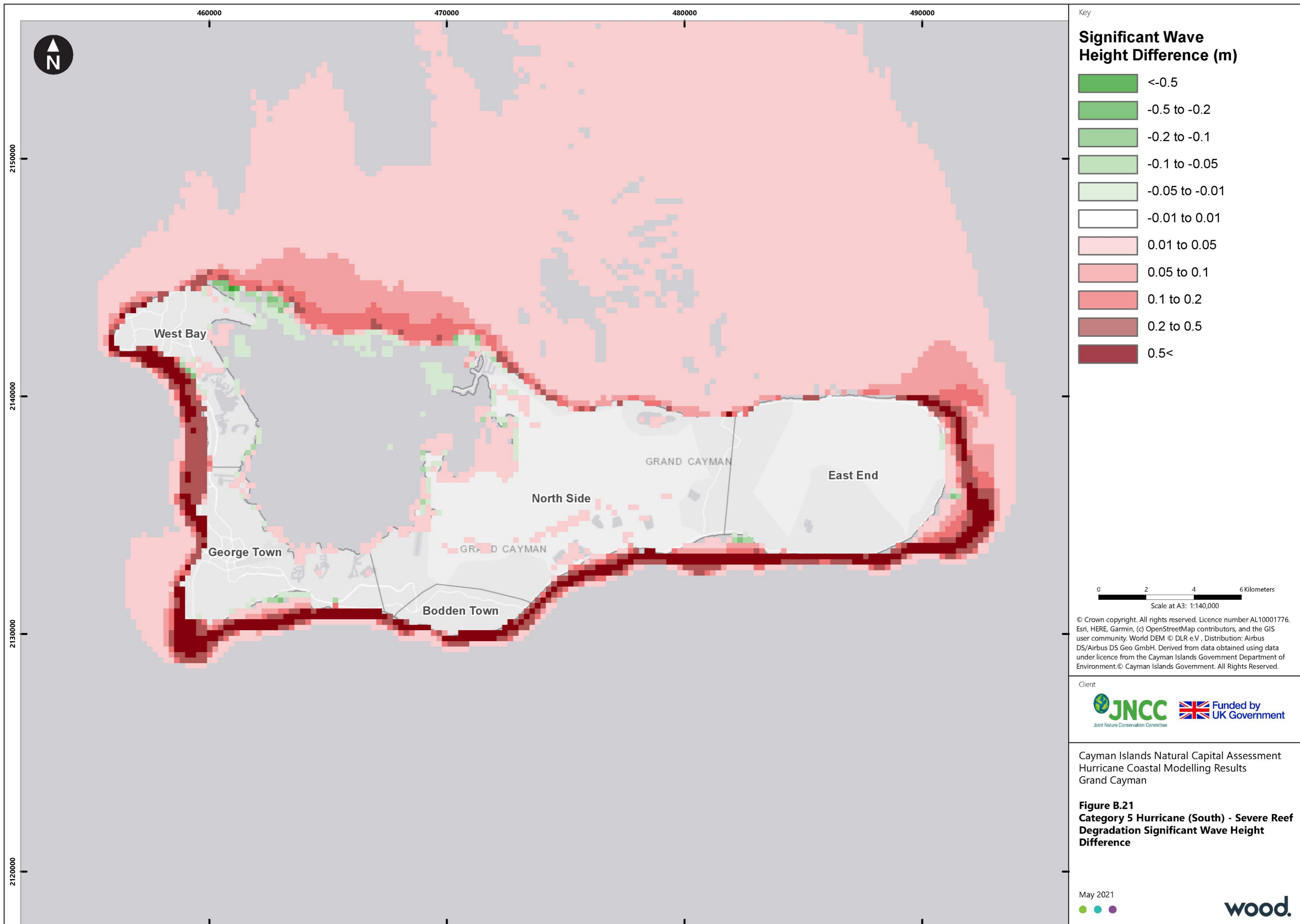


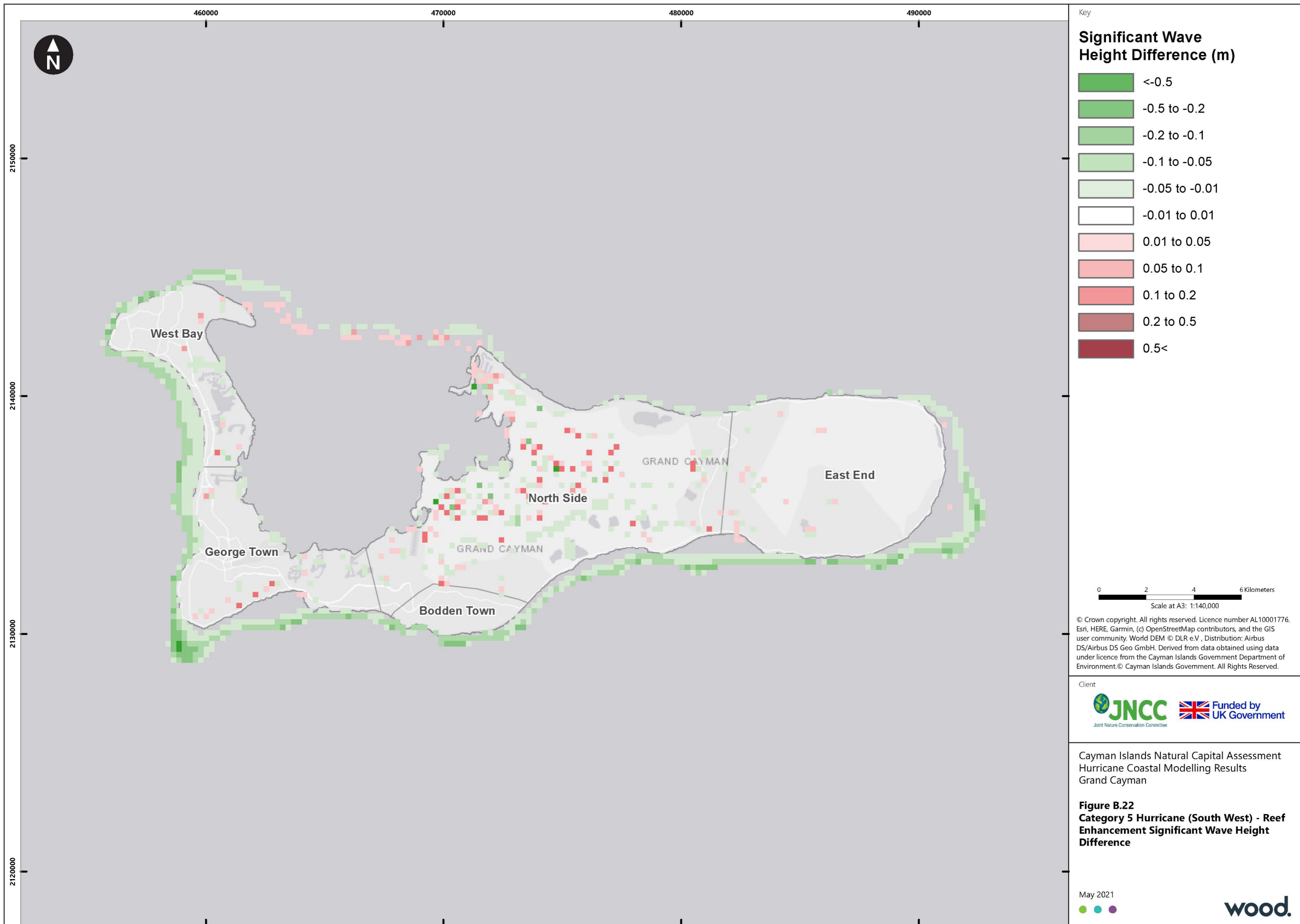


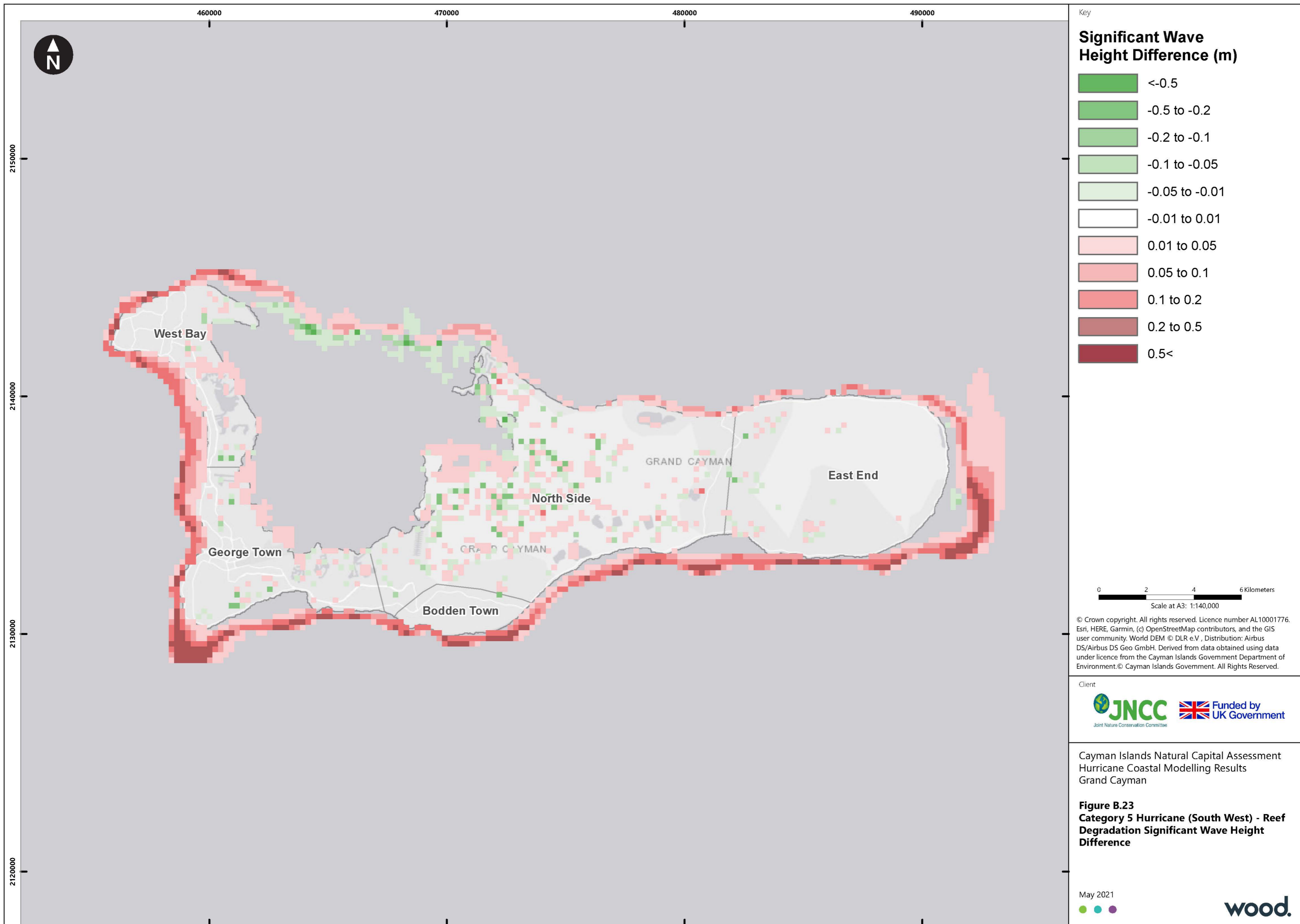


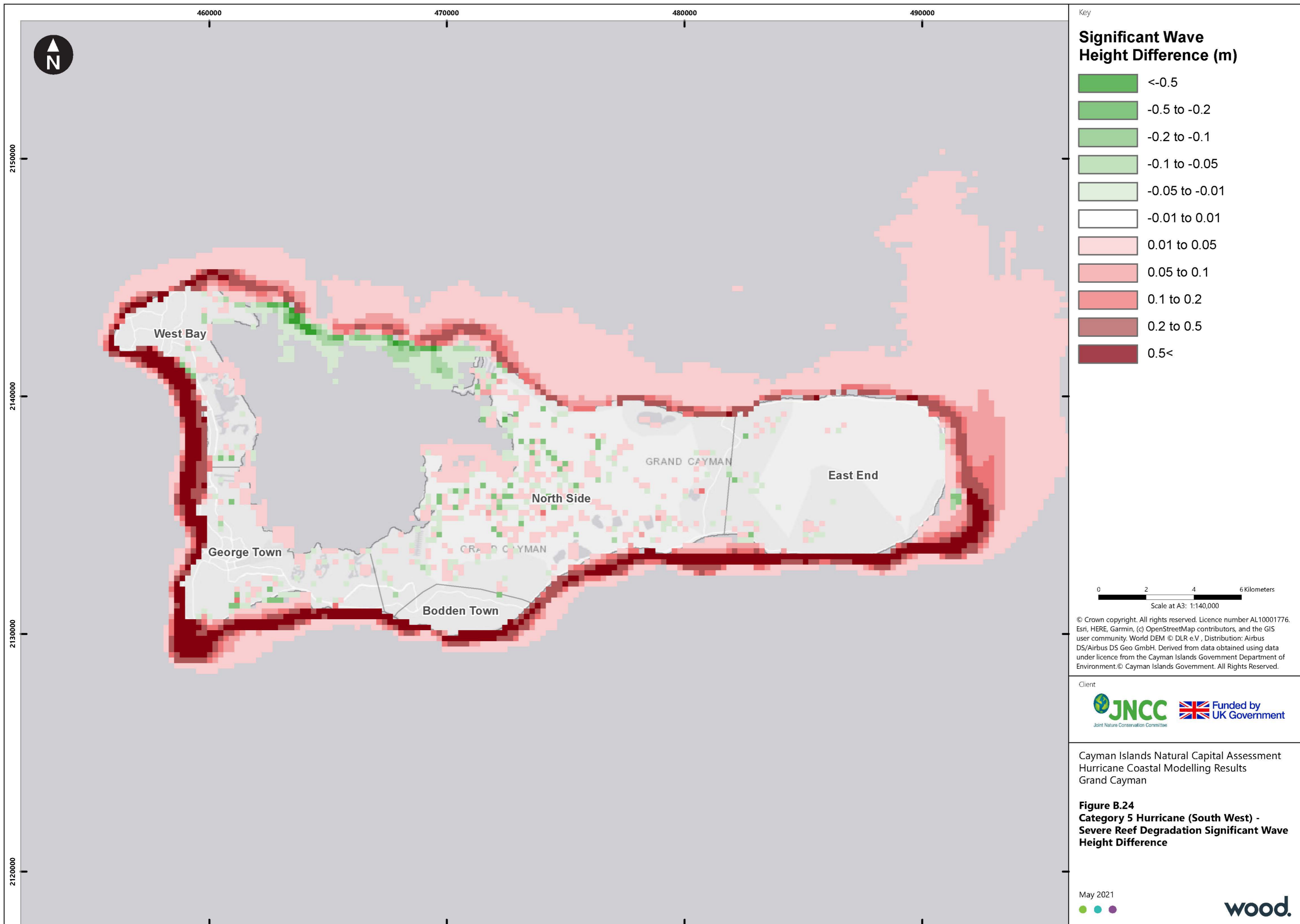












Key

**Significant Wave Height Difference (m)**

- <-0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.05
- 0.05 to -0.01
- 0.01 to 0.01
- 0.01 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- 0.5<

0 2 4 6 Kilometers  
Scale at A3: 1:140,000

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**Figure B.24**  
**Category 5 Hurricane (South West) -**  
**Severe Reef Degradation Significant Wave**  
**Height Difference**