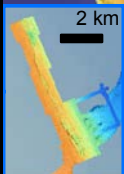




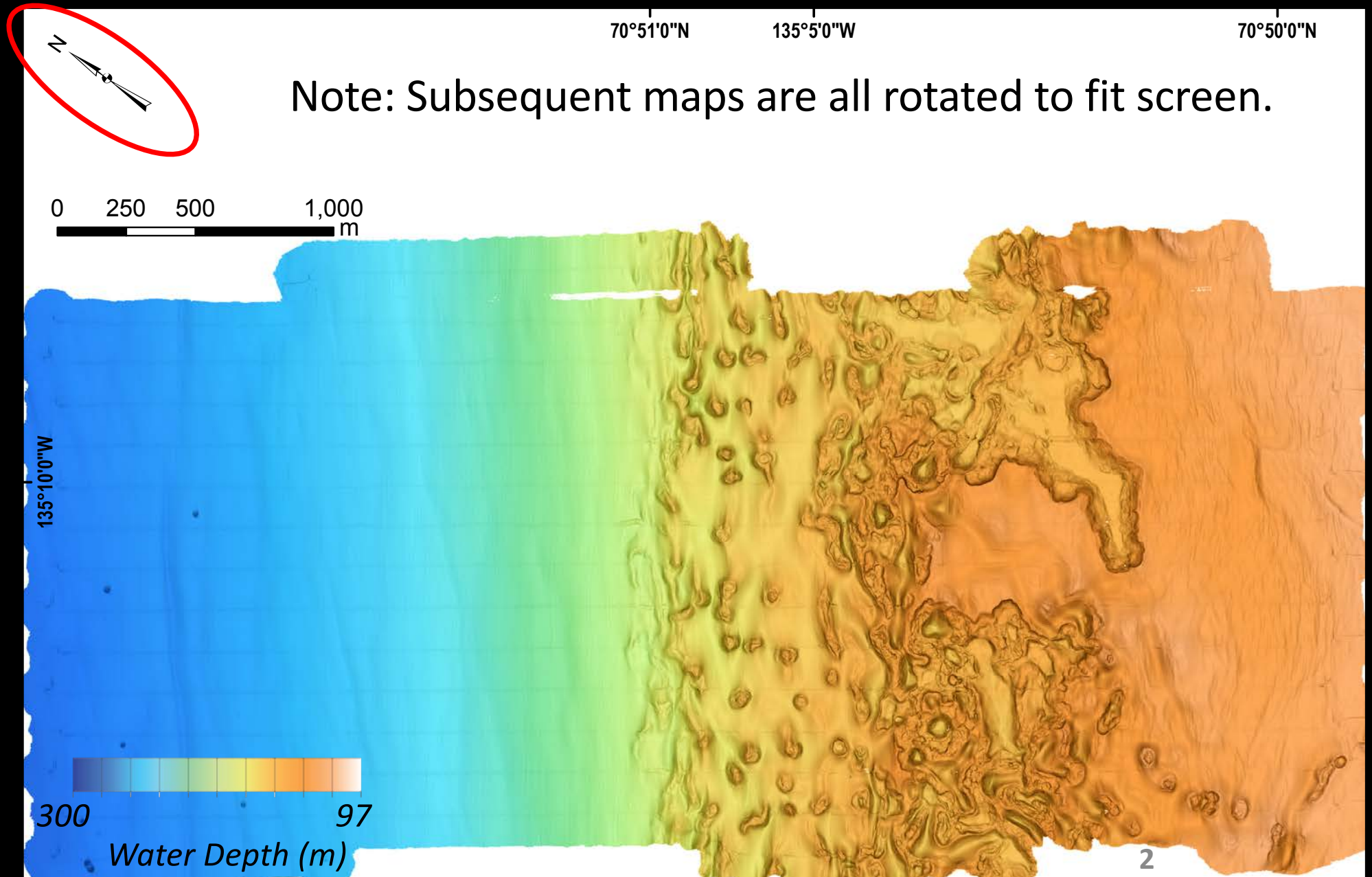
Repeat survey's “Shelf Edge Intact” 2013 & 2017

0 5 10 20 km

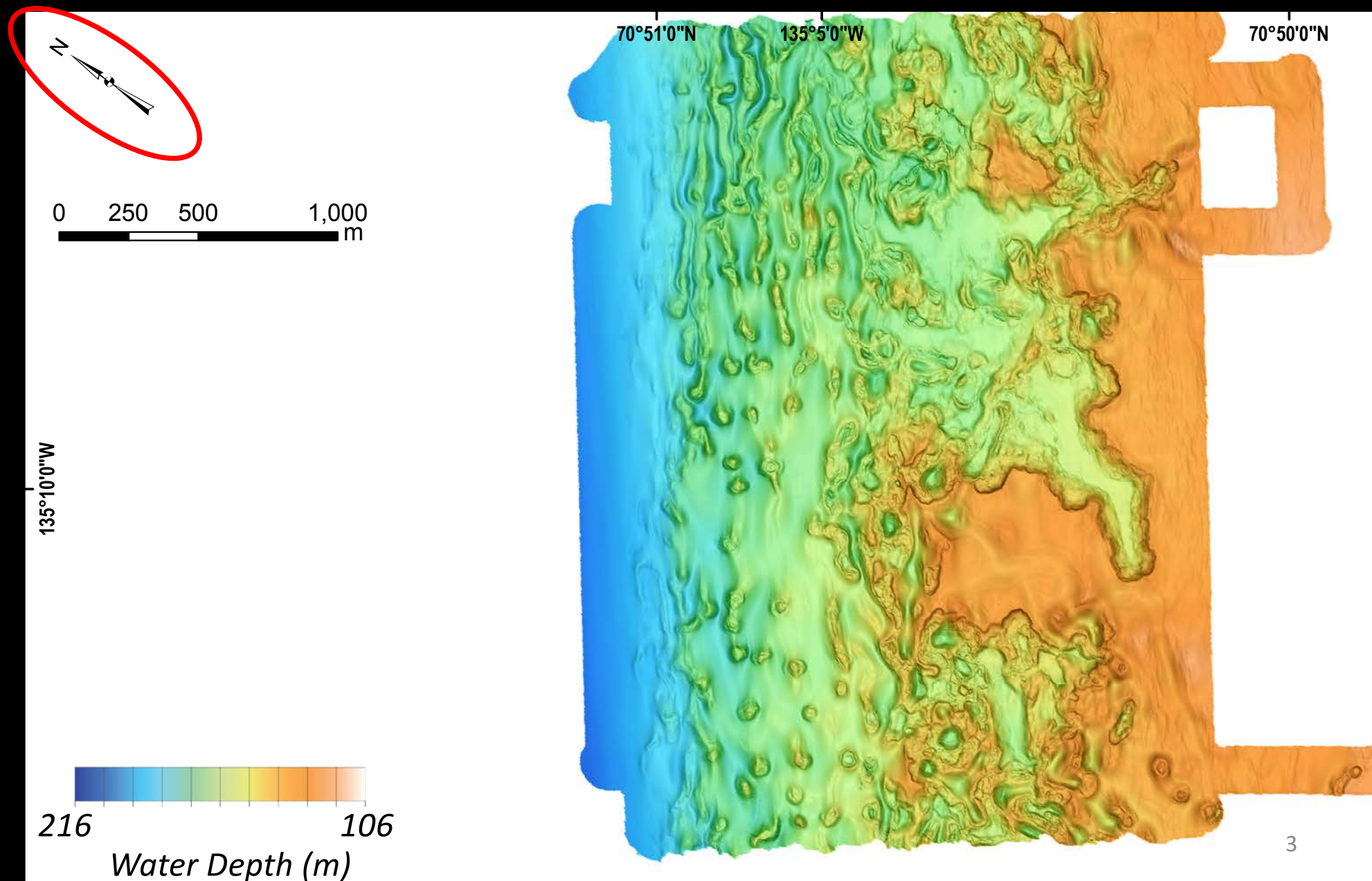


Arctic Shelf Edge Intact 2013

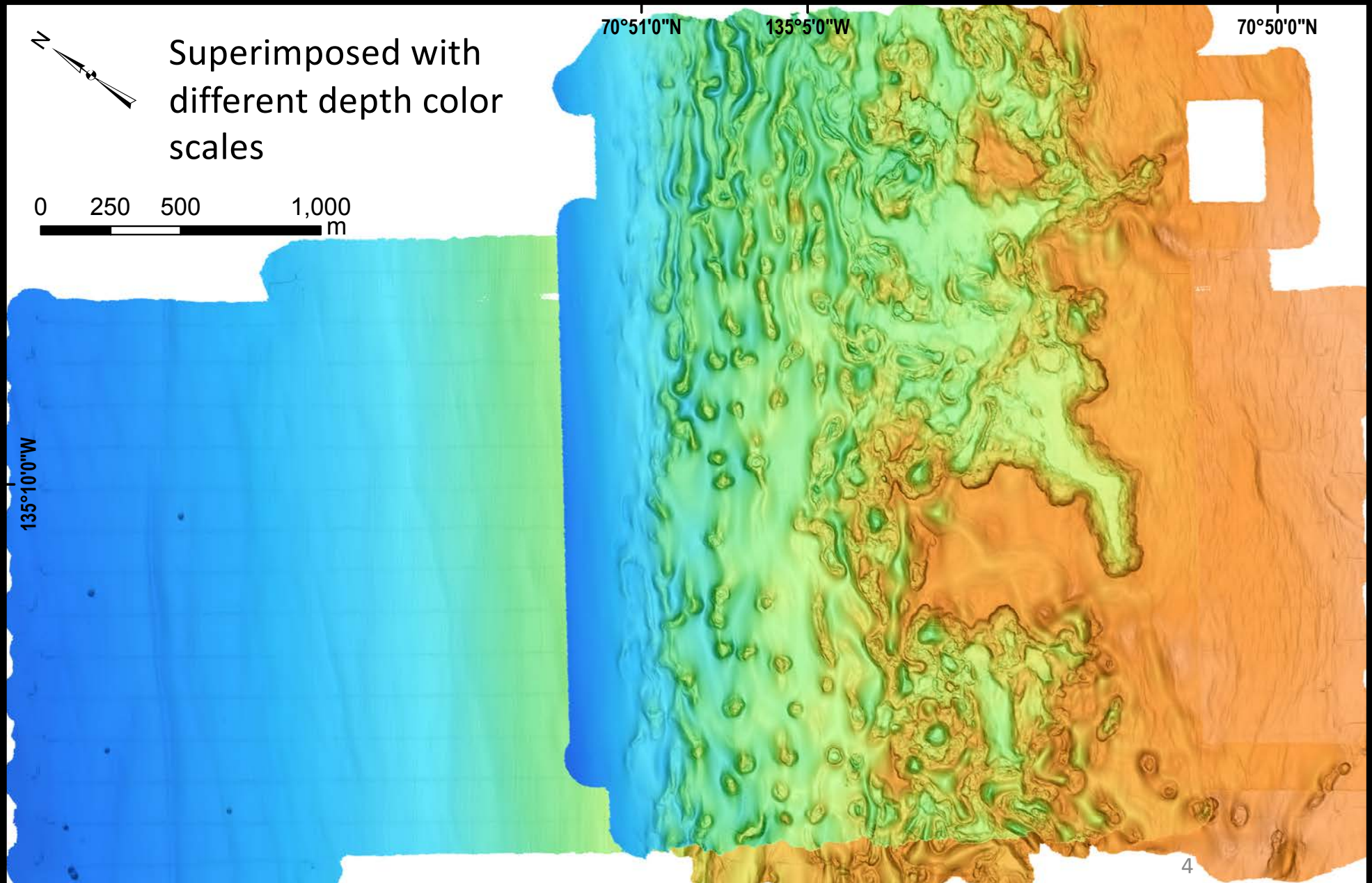
Note: Subsequent maps are all rotated to fit screen.



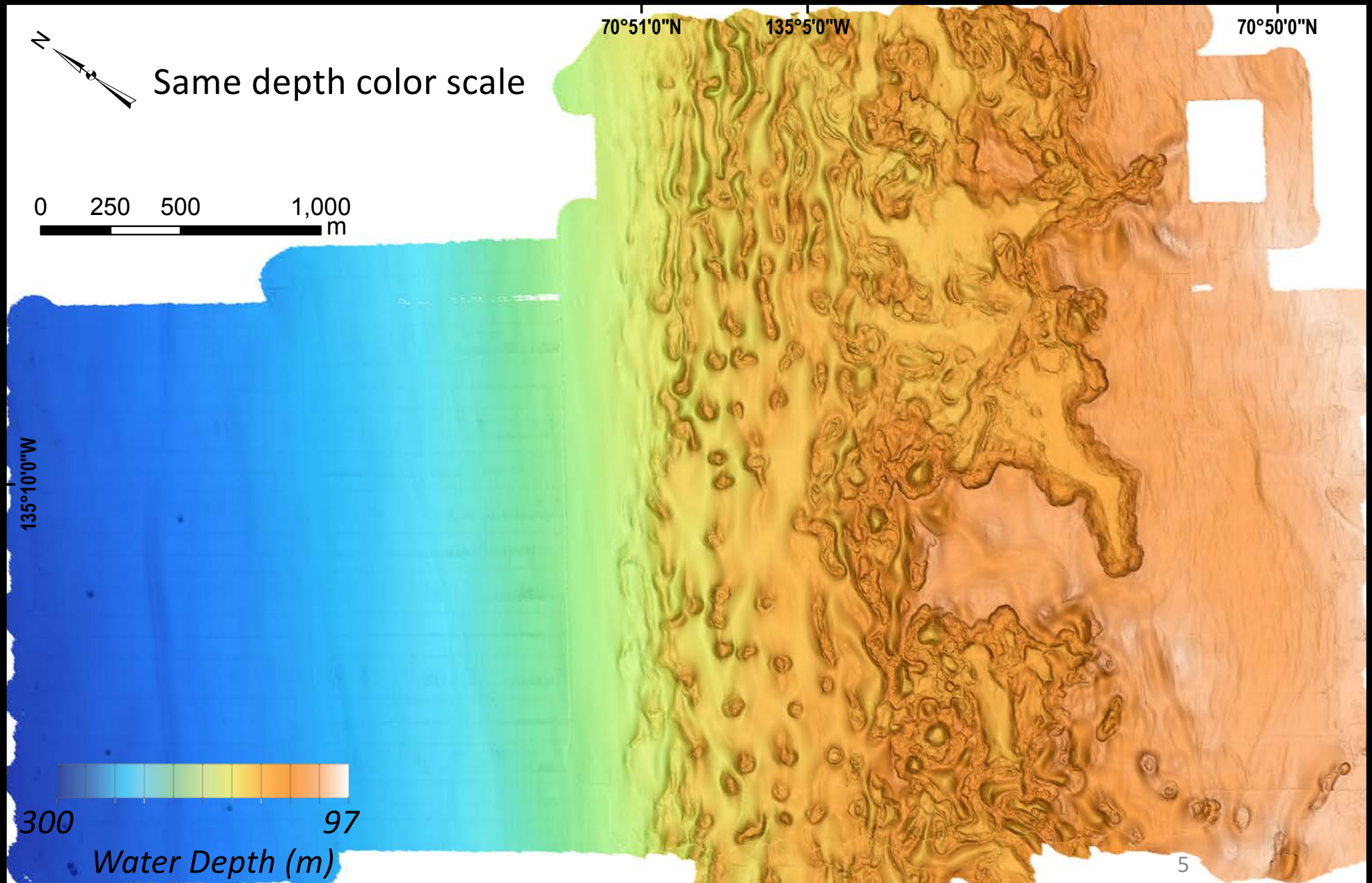
Arctic Shelf Edge Intact 2017



Arctic Shelf Edge Intact 2013 and 2017

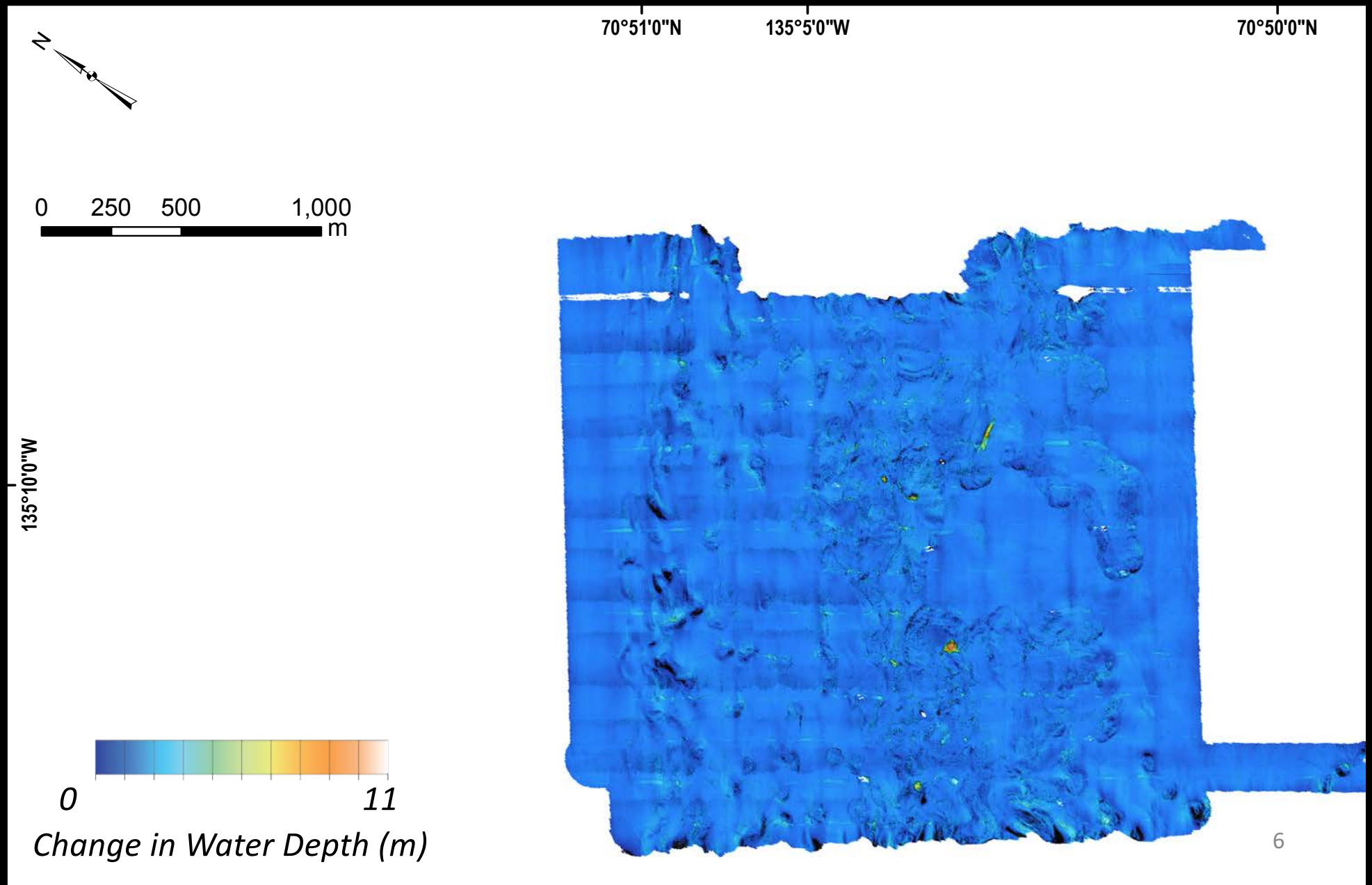


Arctic Shelf Edge Intact 2013 and 2017

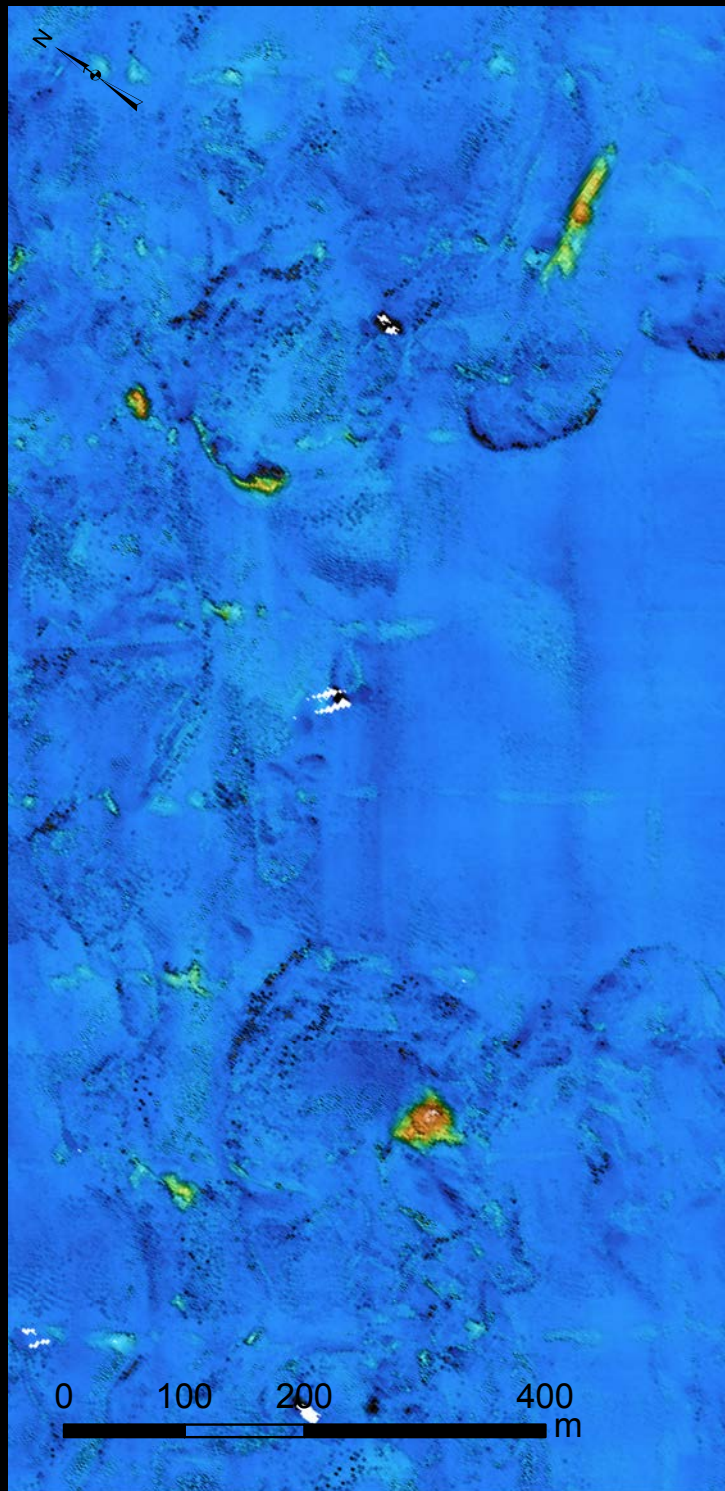


Arctic Shelf Edge Intact

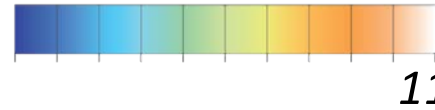
Difference between 2013 and 2017



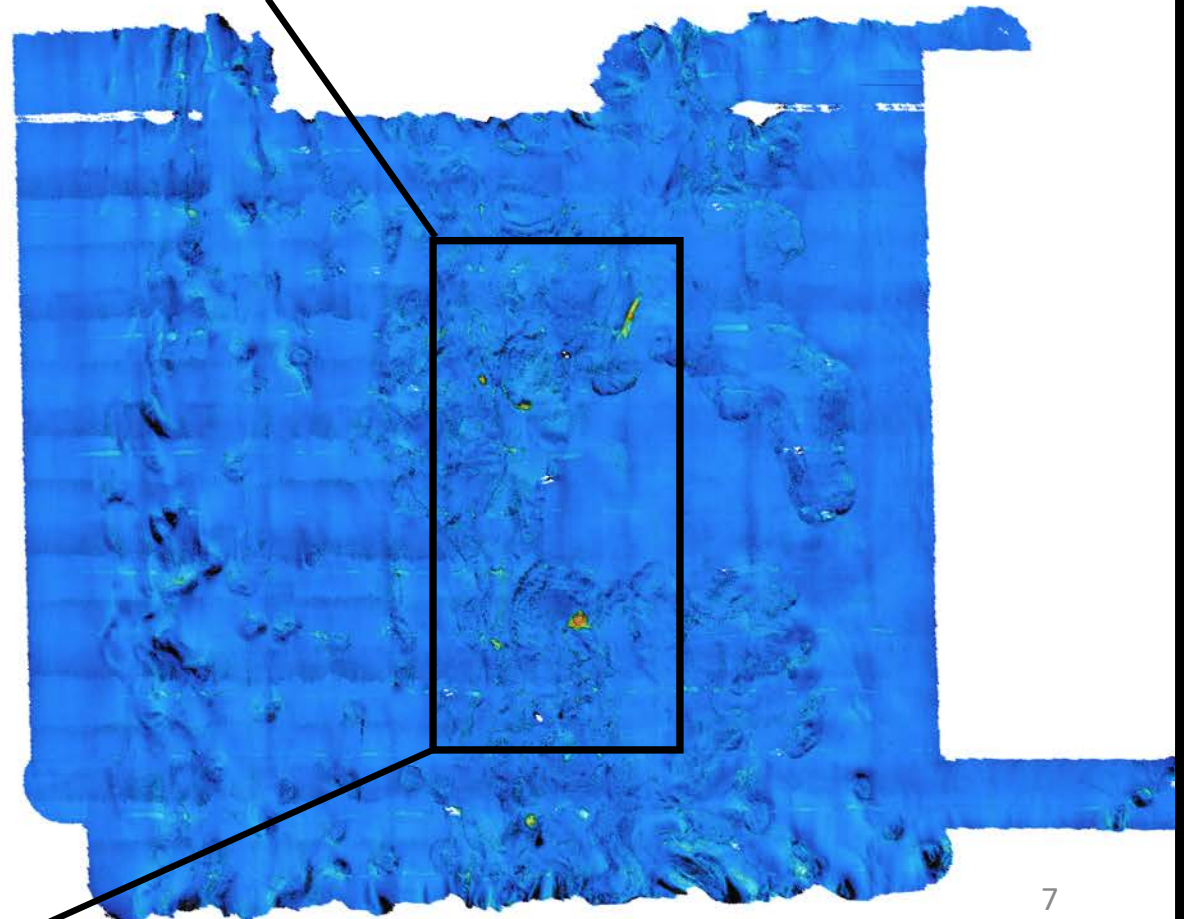
Difference between 2013 and 2017



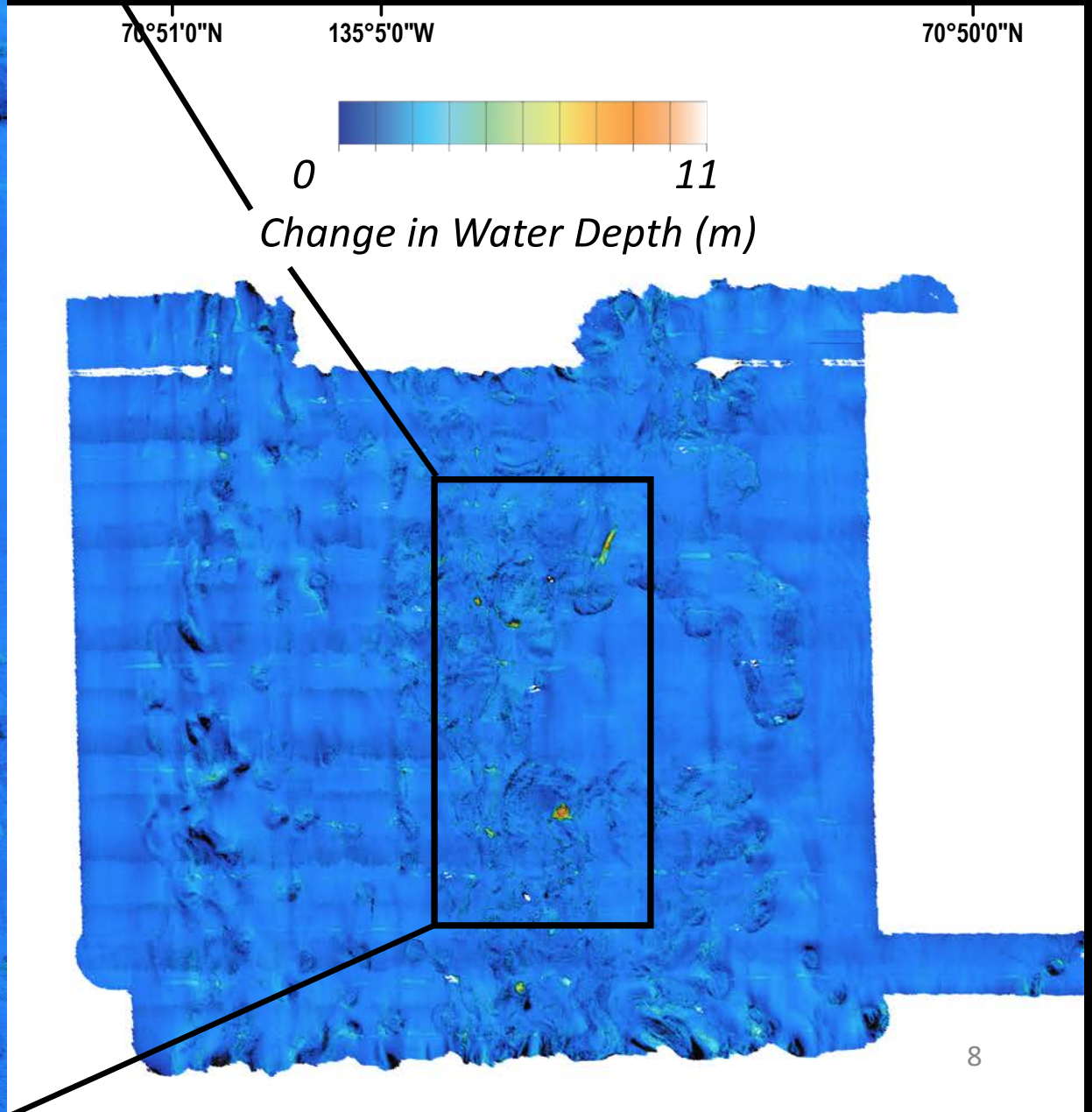
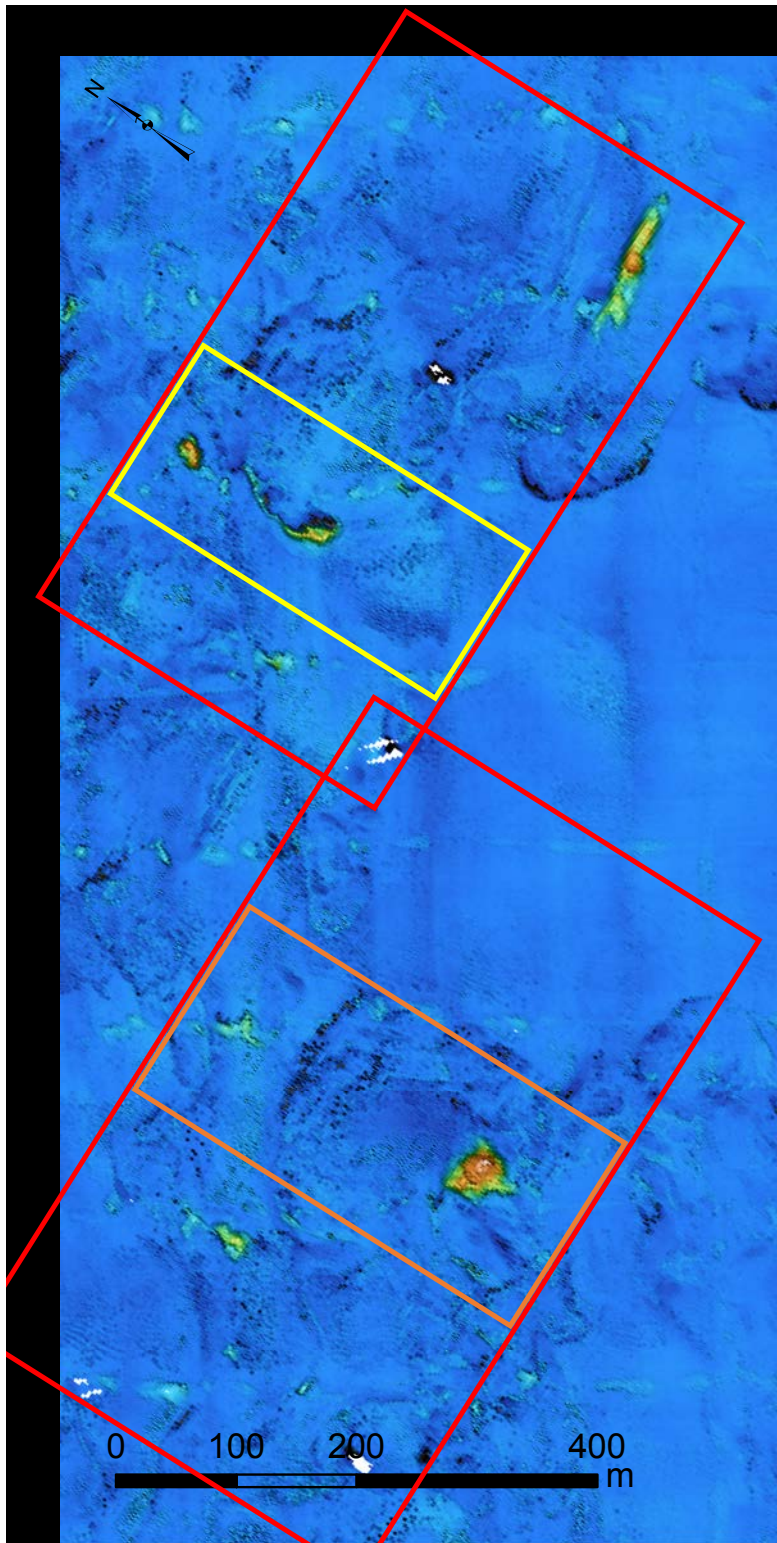
70°51'0"N 135°5'0"W 70°50'0"N



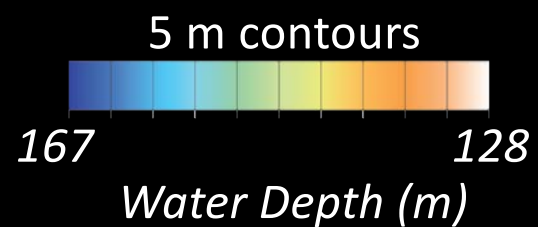
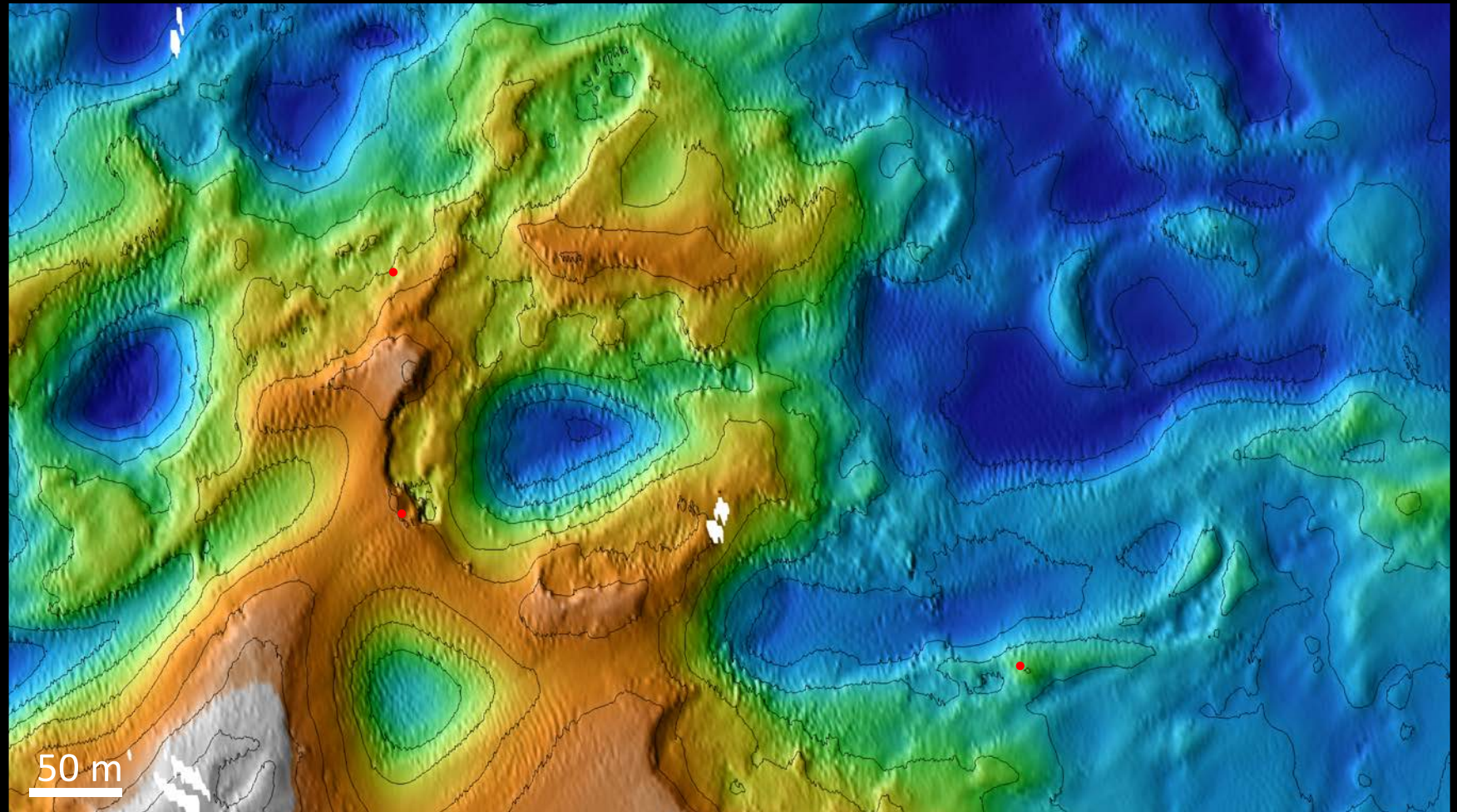
0 11
Change in Water Depth (m)



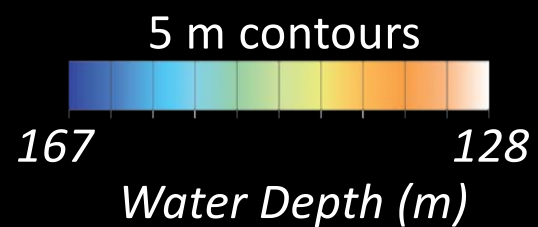
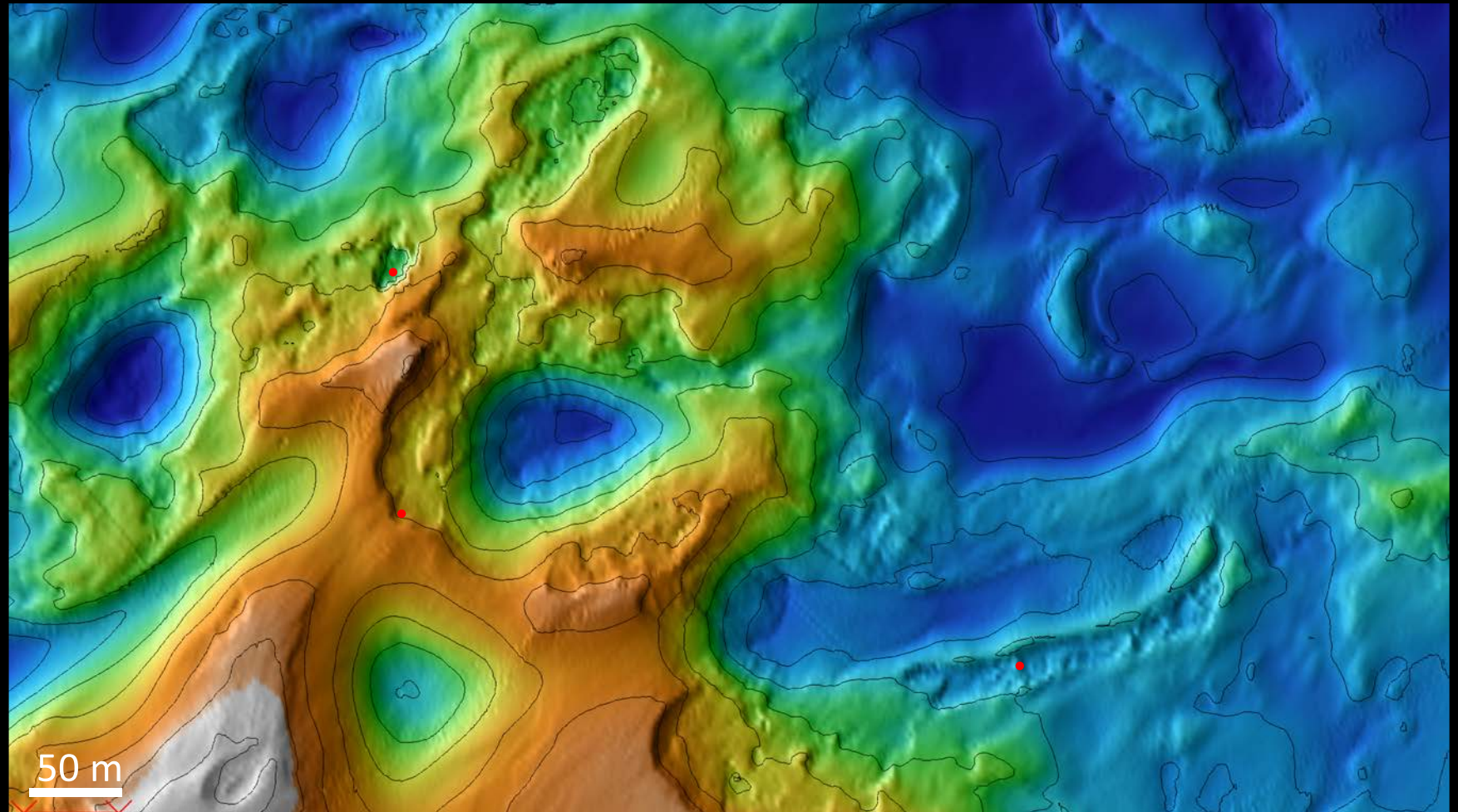
Difference between 2013 and 2017



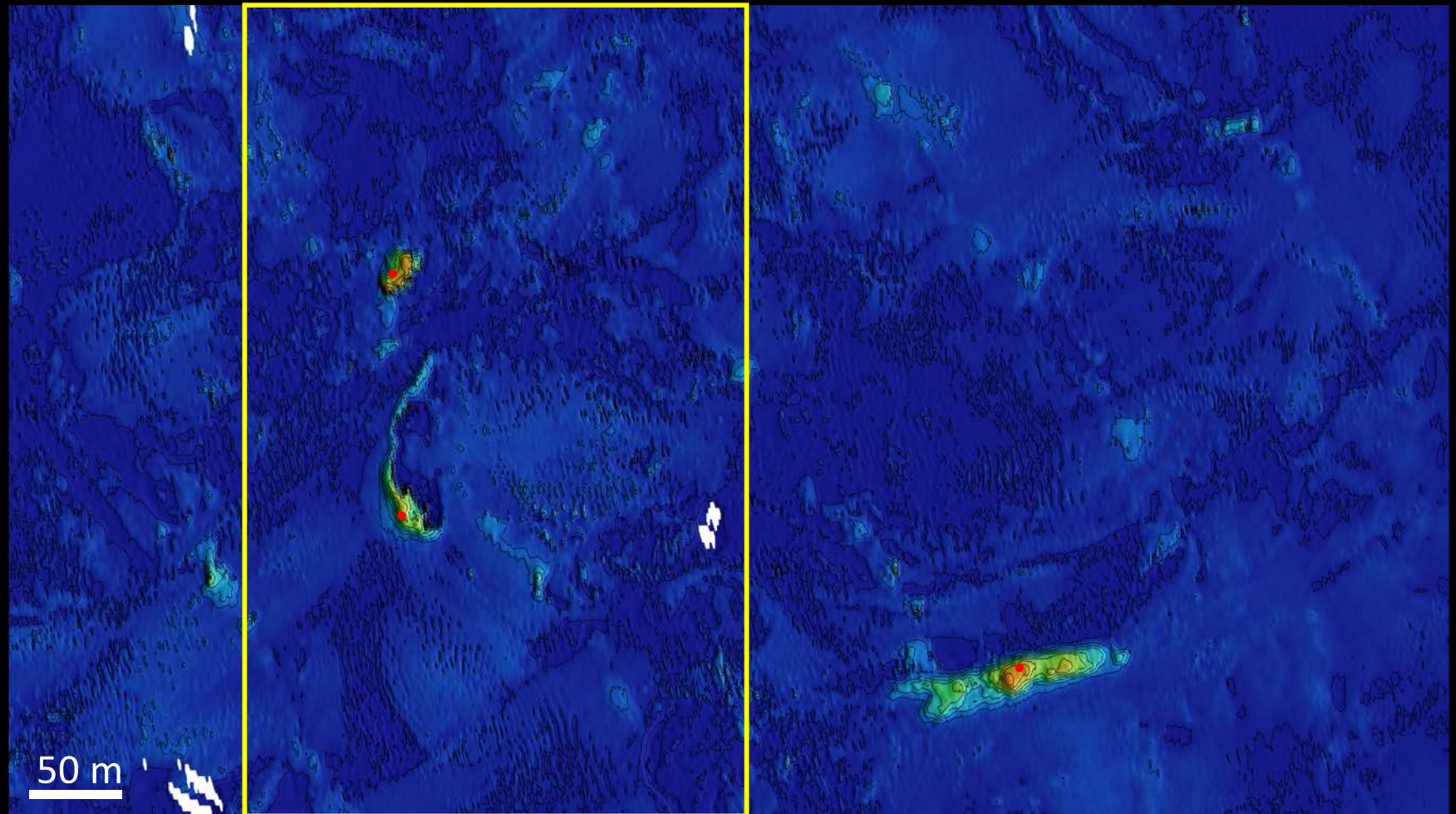
Arctic Shelf Edge Intact 2013



Arctic Shelf Edge Intact 2017



Arctic Shelf Edge Intact Difference



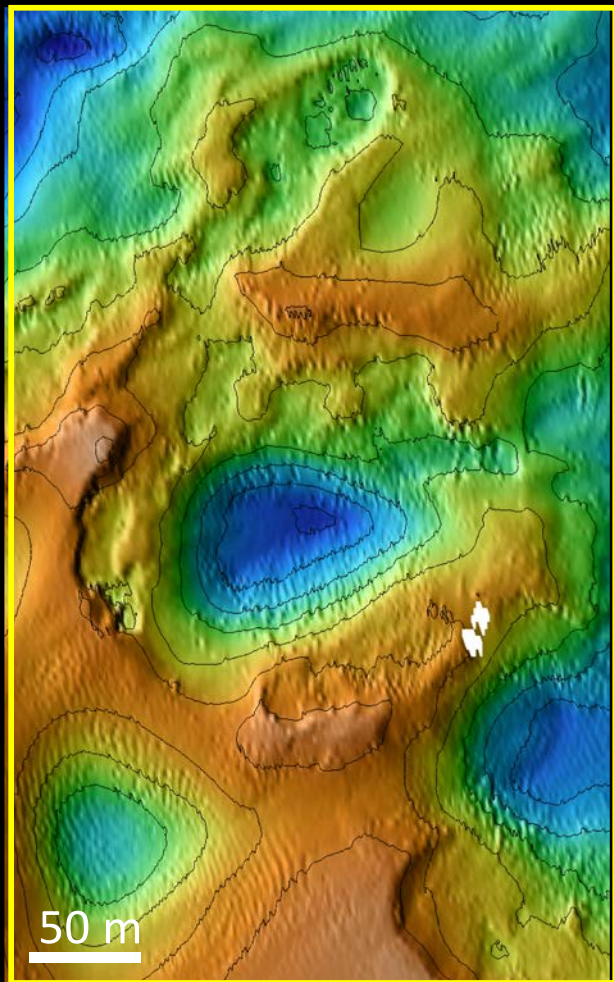
1 m contours



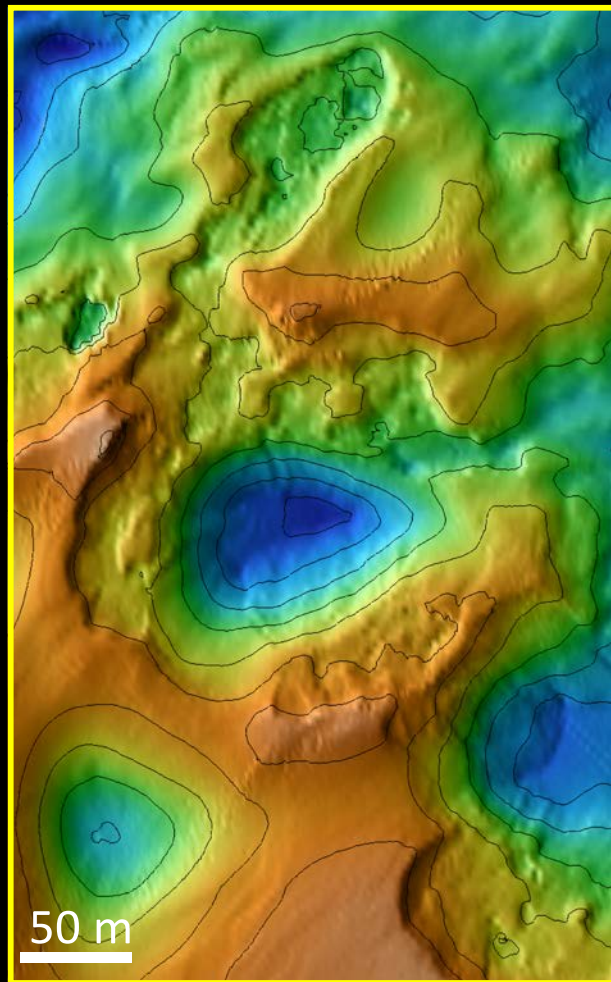
0

11

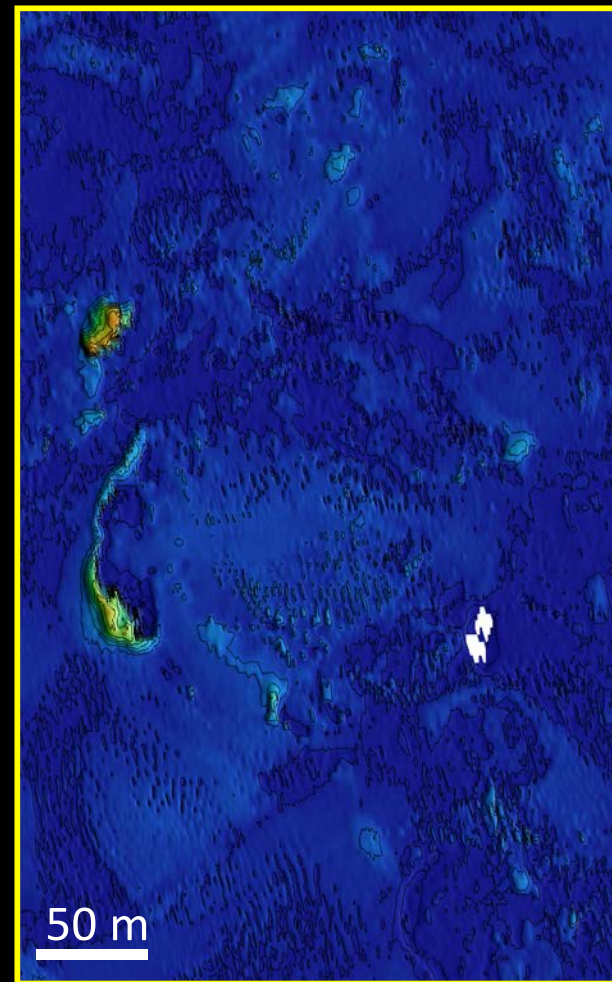
Change in Water Depth (m)



5 m contours

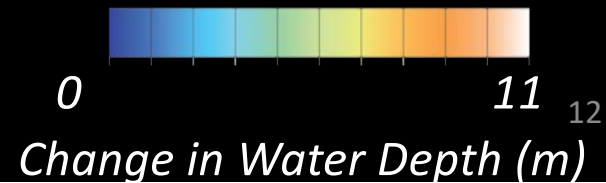


50 m

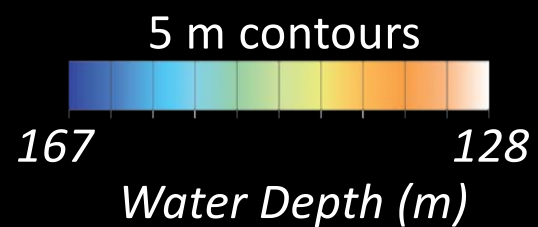
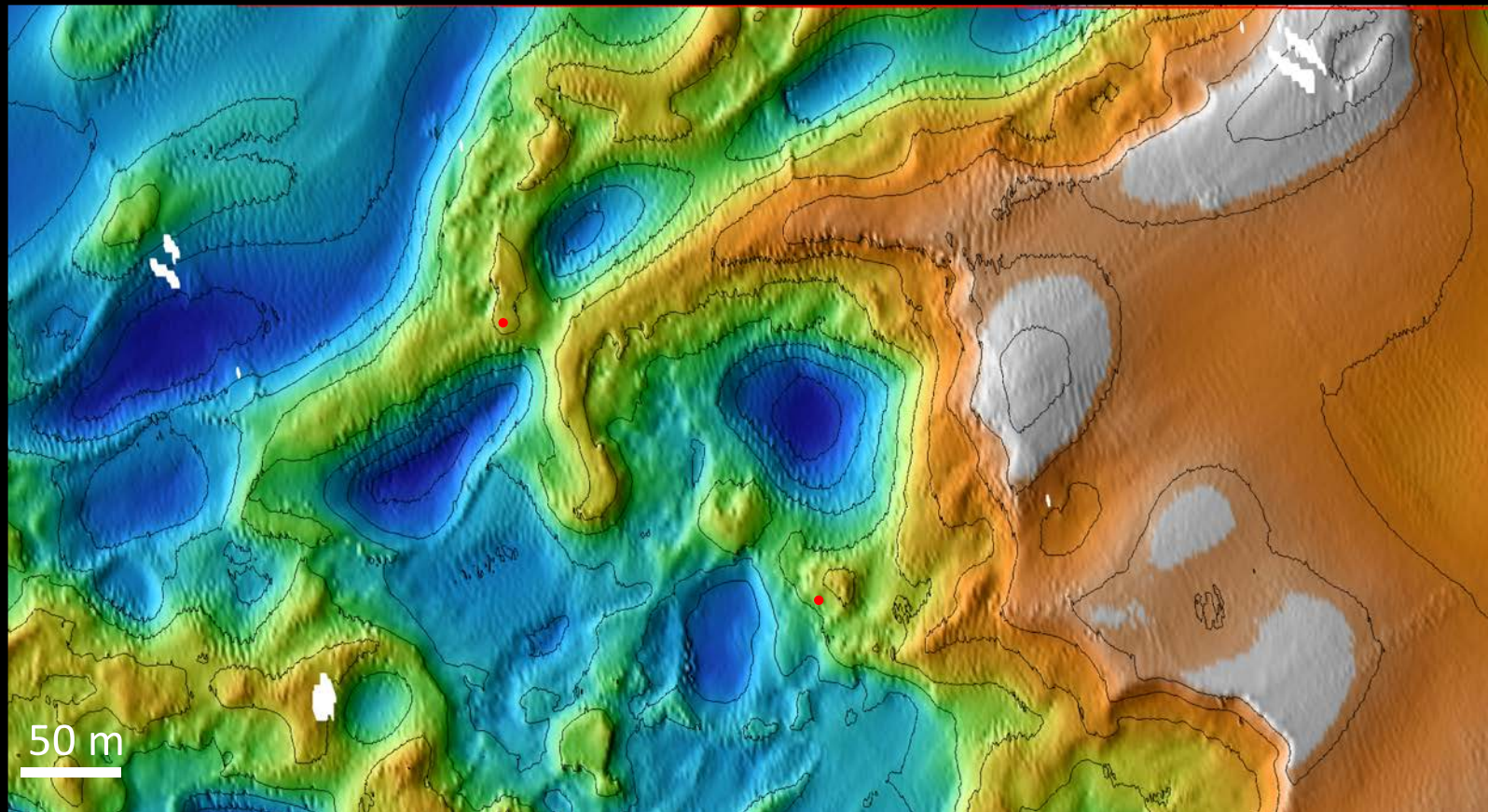


50 m

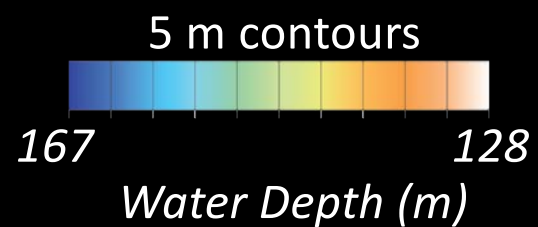
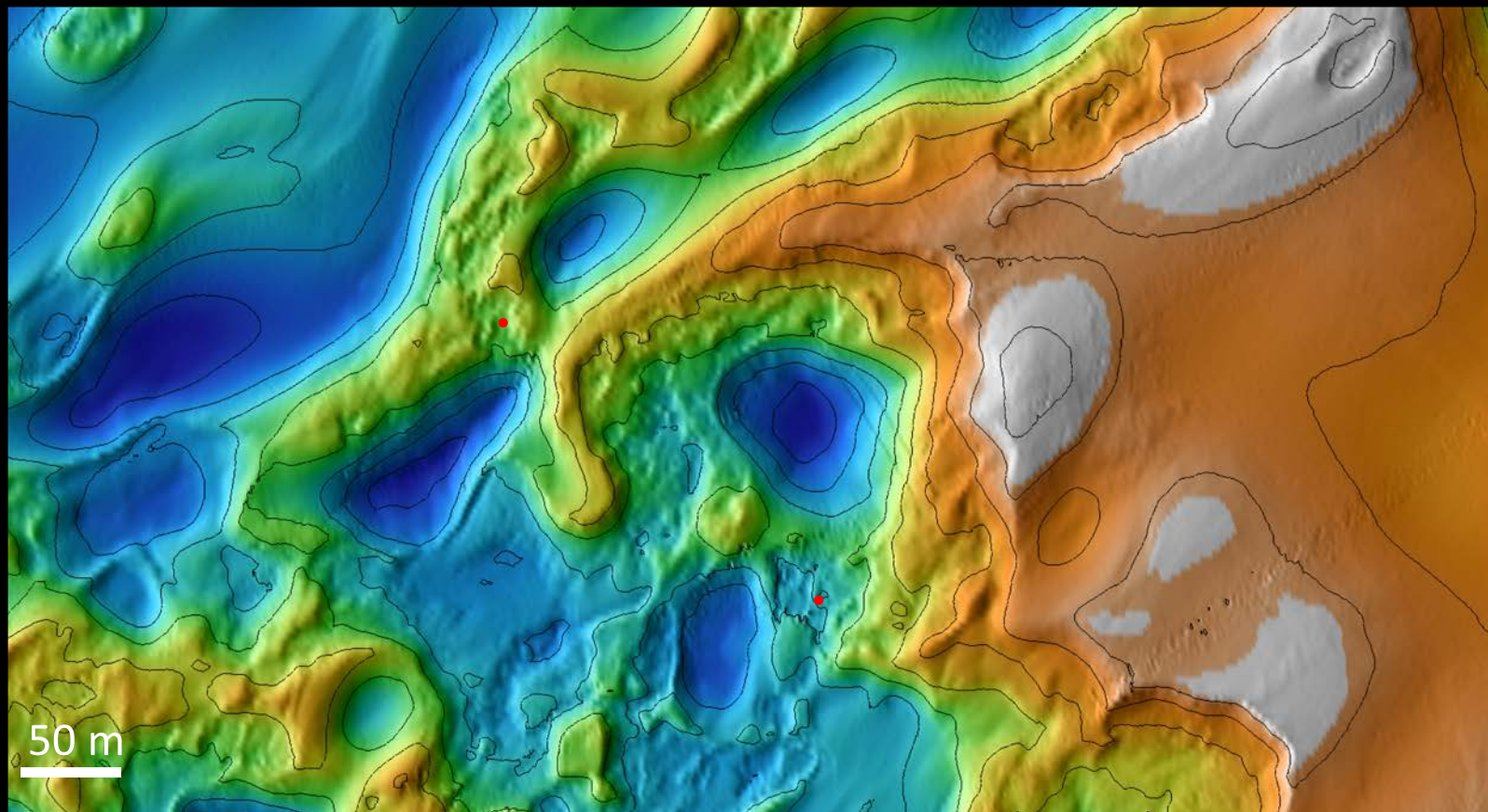
1 m contours



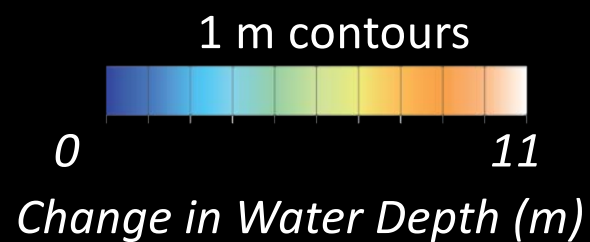
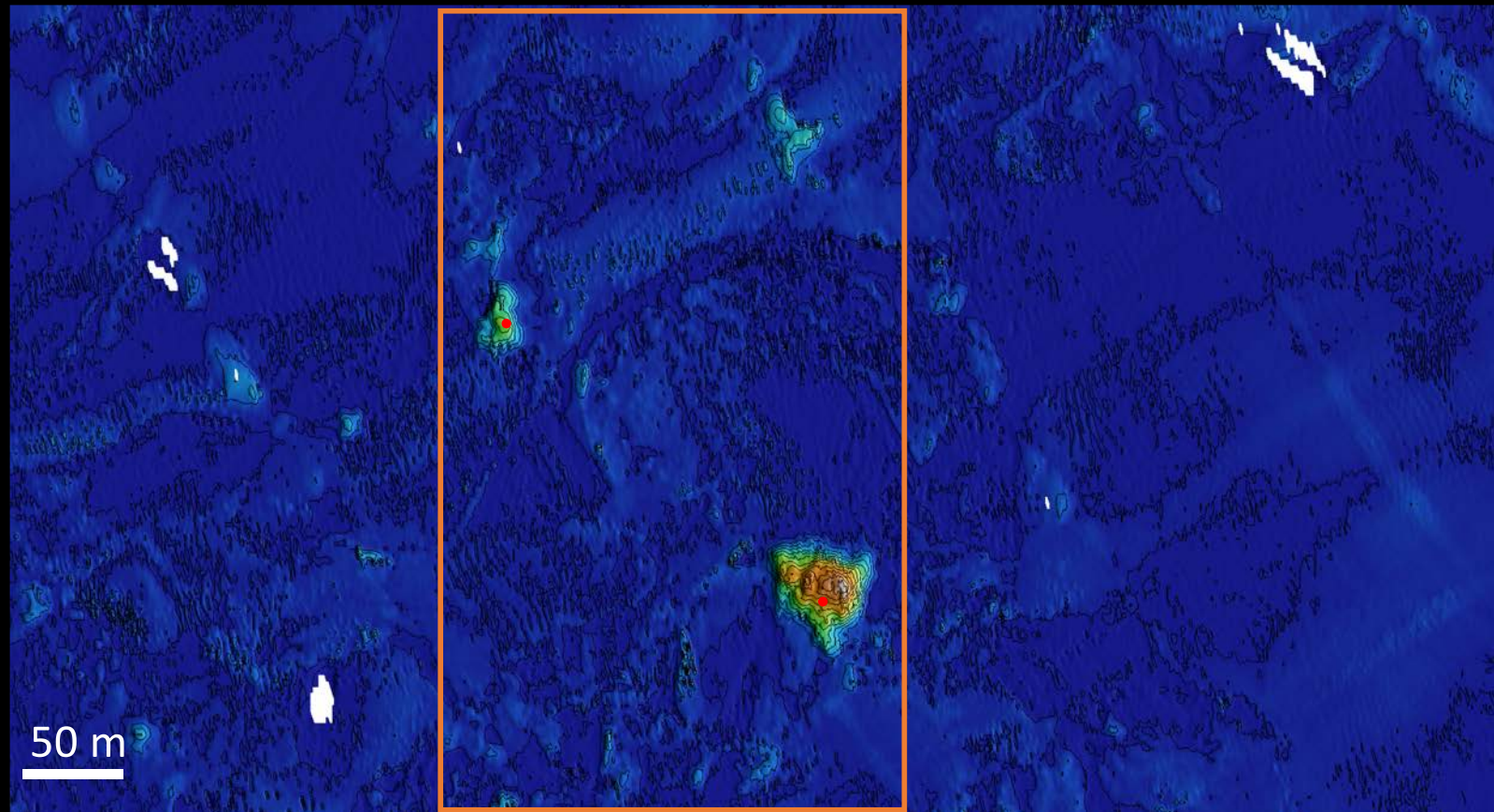
Arctic Shelf Edge Intact 2013

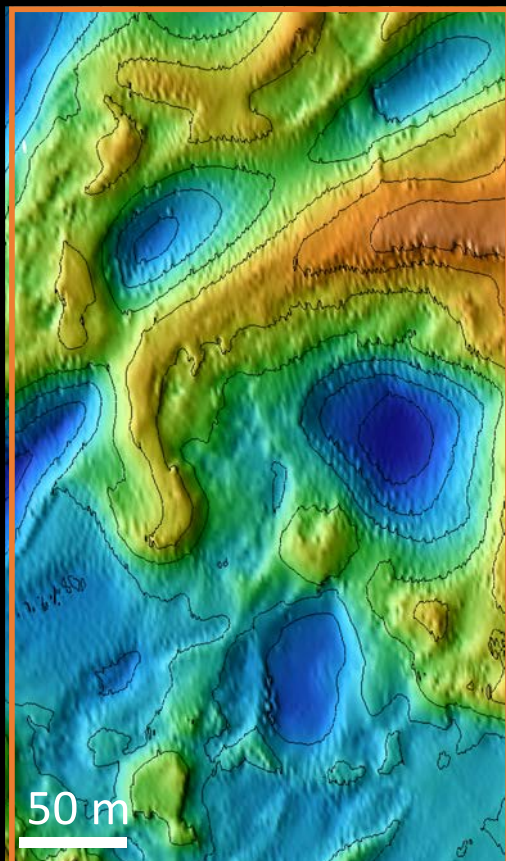


Arctic Shelf Edge Intact 2017



Arctic Shelf Edge Intact Difference

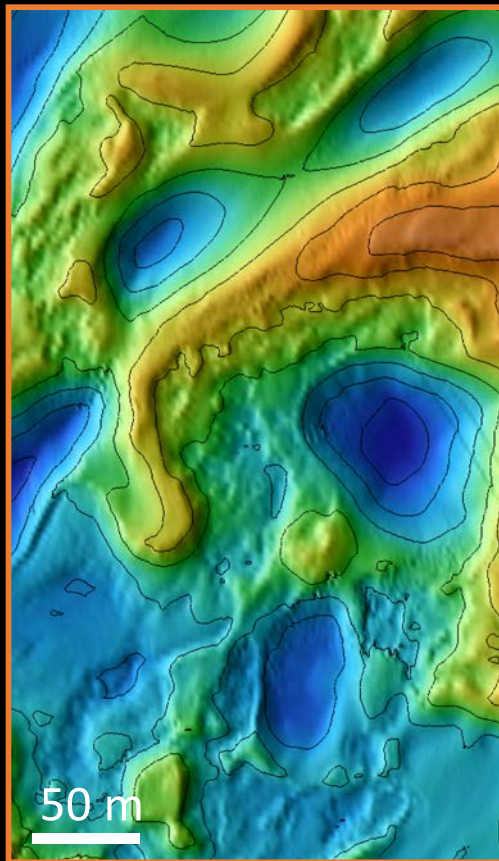




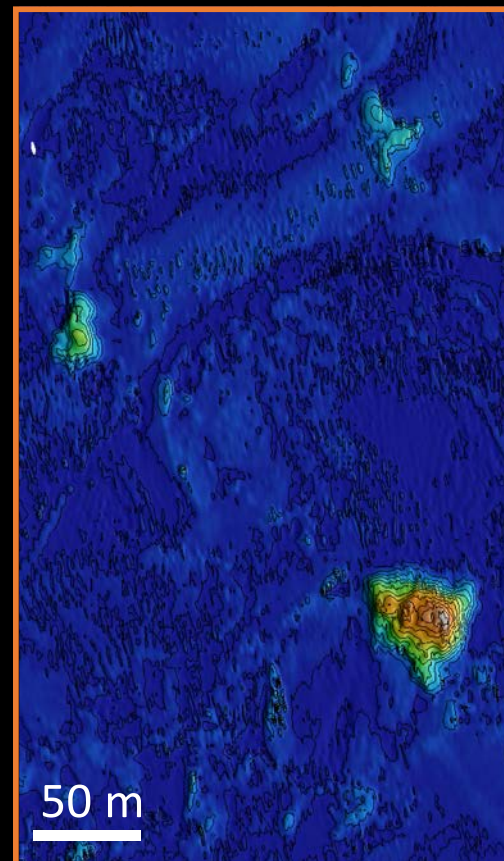
5 m contours

167 128

Water Depth (m)



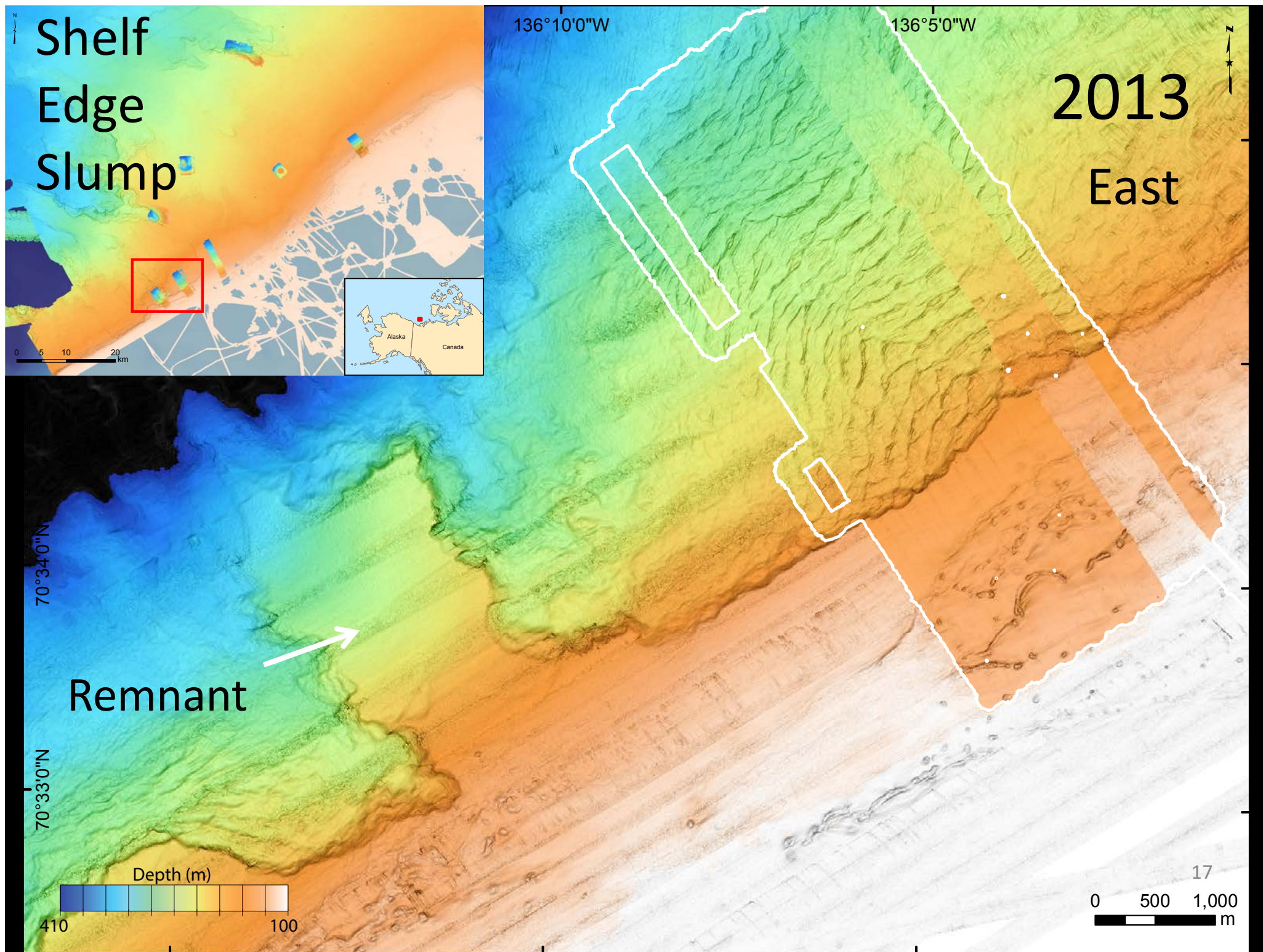
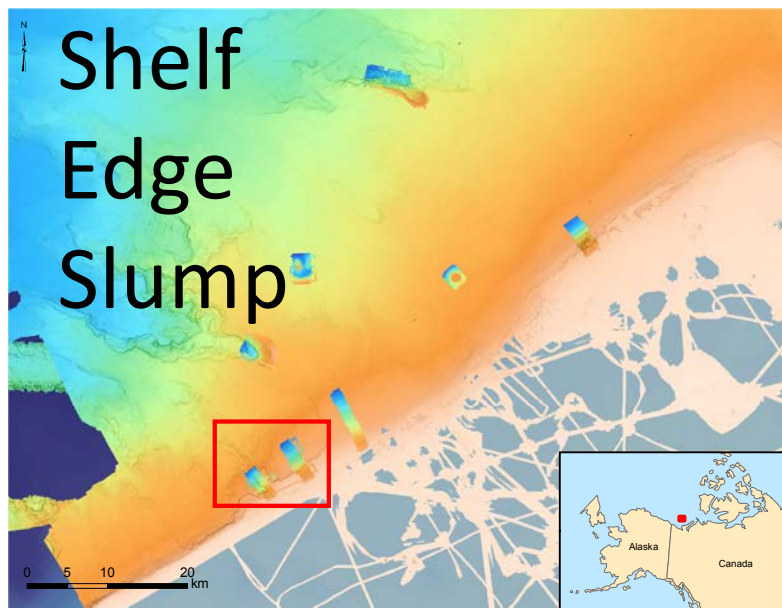
50 m

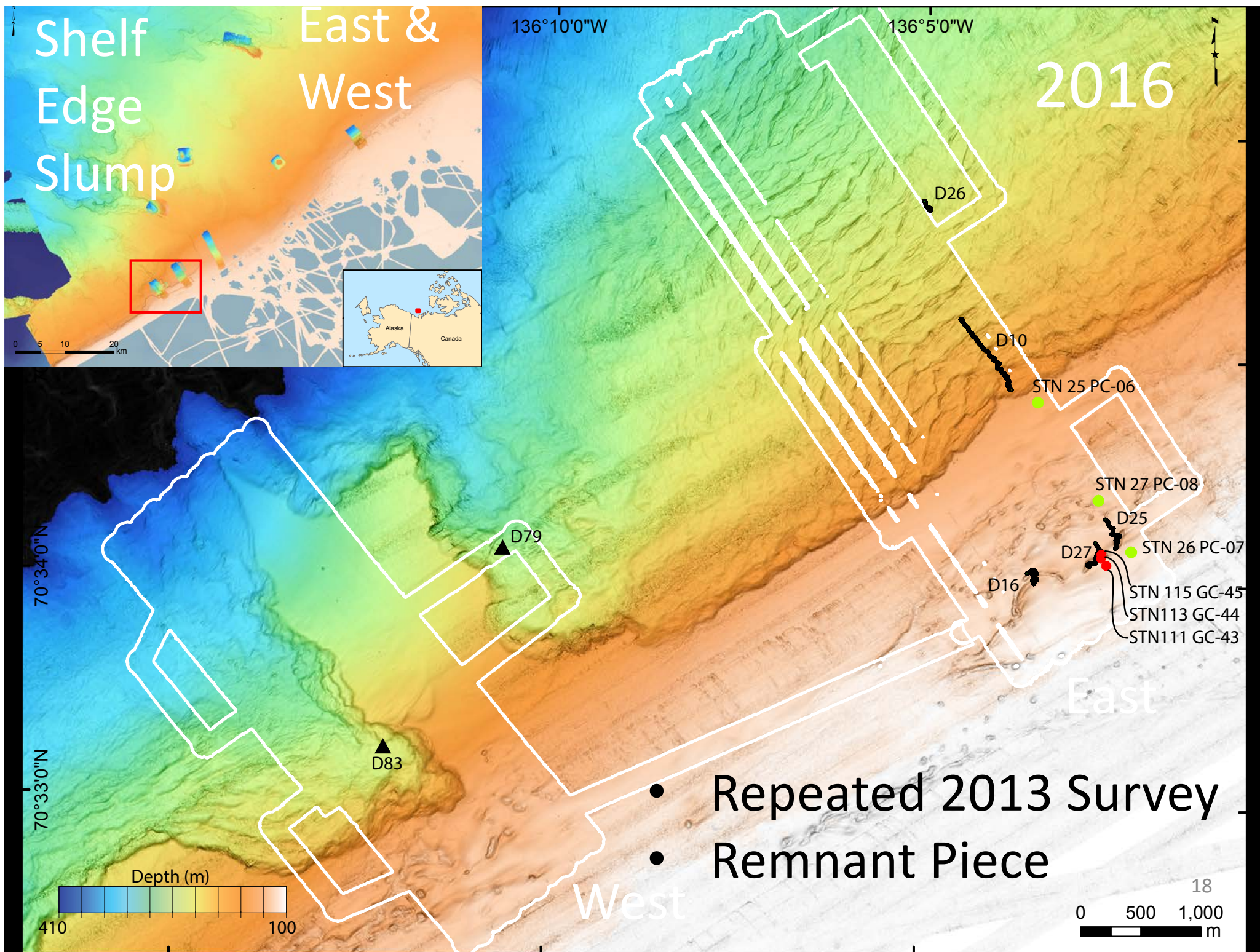


1 m contours

0 11

Change in Water Depth (m)



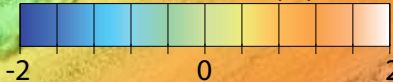


Shelf Edge
Slump
2013 - 2016
Difference

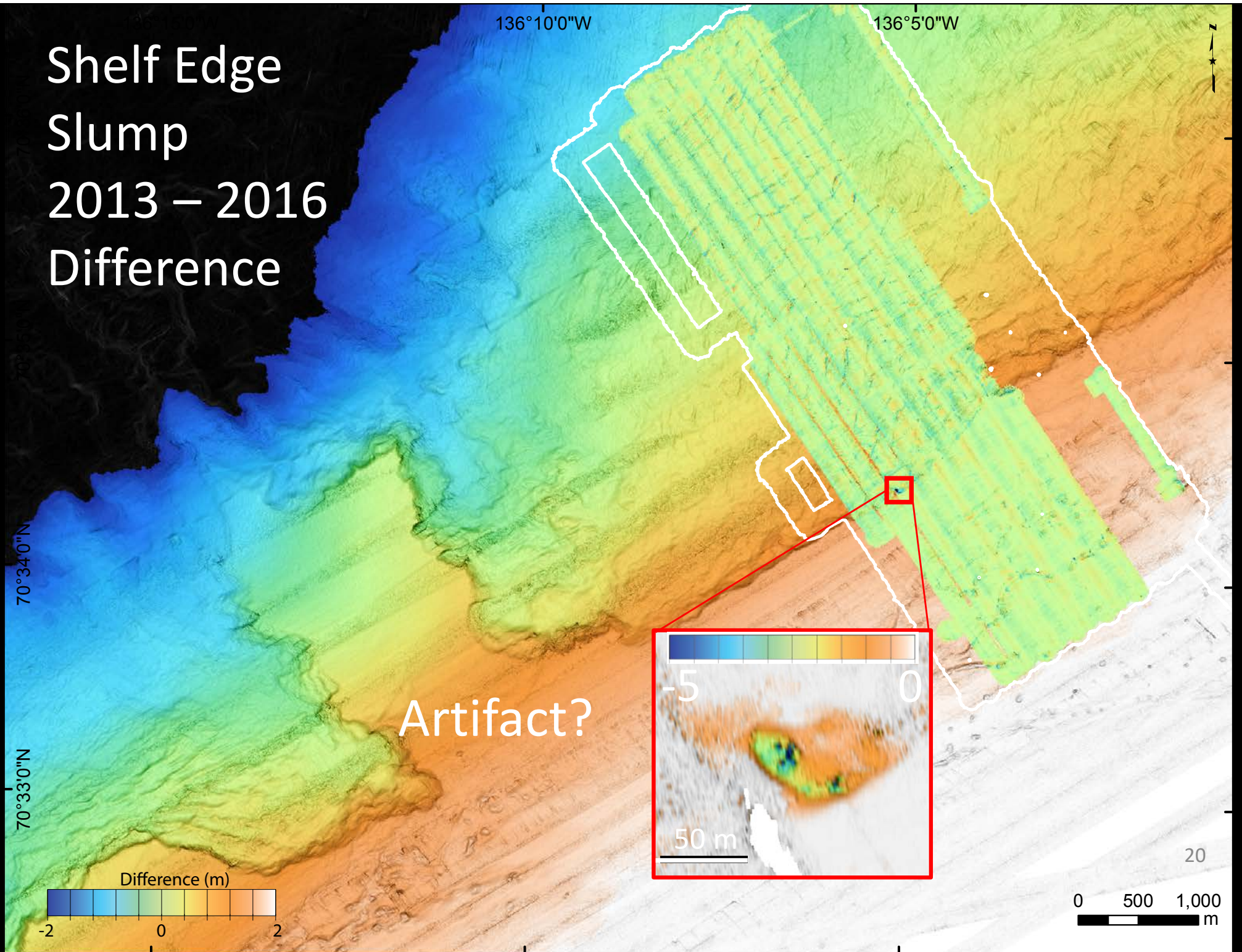
No Systematic Change

Suggestion of New Depression?
~60 m long, ≥ 2 m deep

Difference (m)



Shelf Edge Slump 2013 – 2016 Difference



Implications!