

Medmerry managed realignment

Andy Bradbury, Director: Channel Coastal Observatory, Chairman: Southern Coastal Group



▪ Image courtesy Environment Agency



Breach evolution

- Will breach stay open?
- Will channels migrate?
- Will flood spits form
 - How fast
 - What will happen to the adjoining barrier?
- When will rollback occur?
- How will seabed respond?
 - Will a bar form at the mouth?
 - Will ebb or flood deltas form?

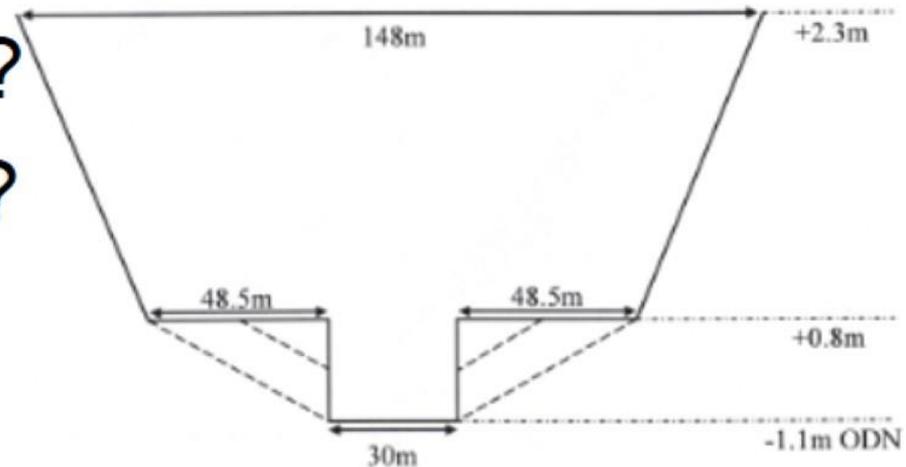
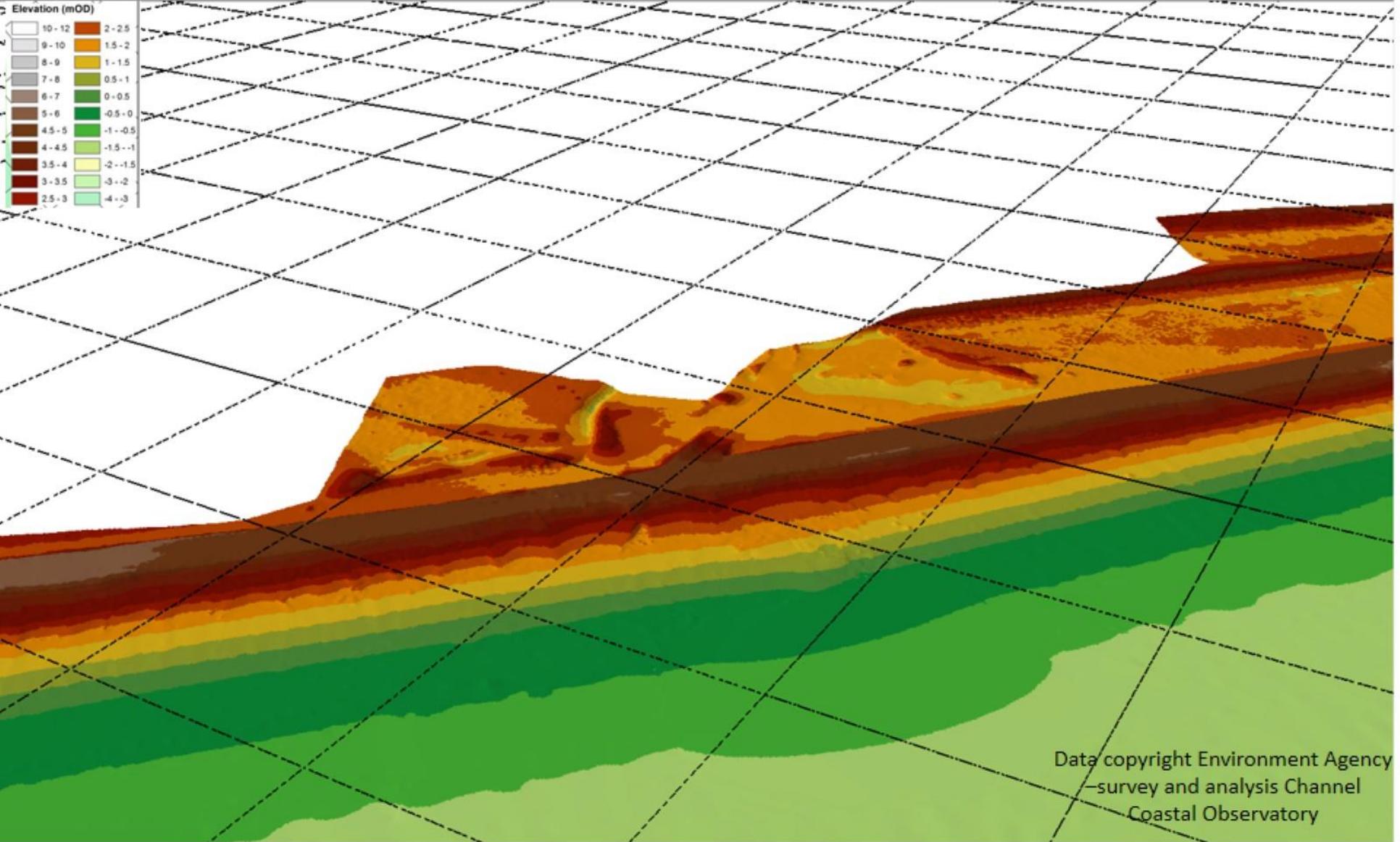


Figure 2. Schematic of the recommended breach

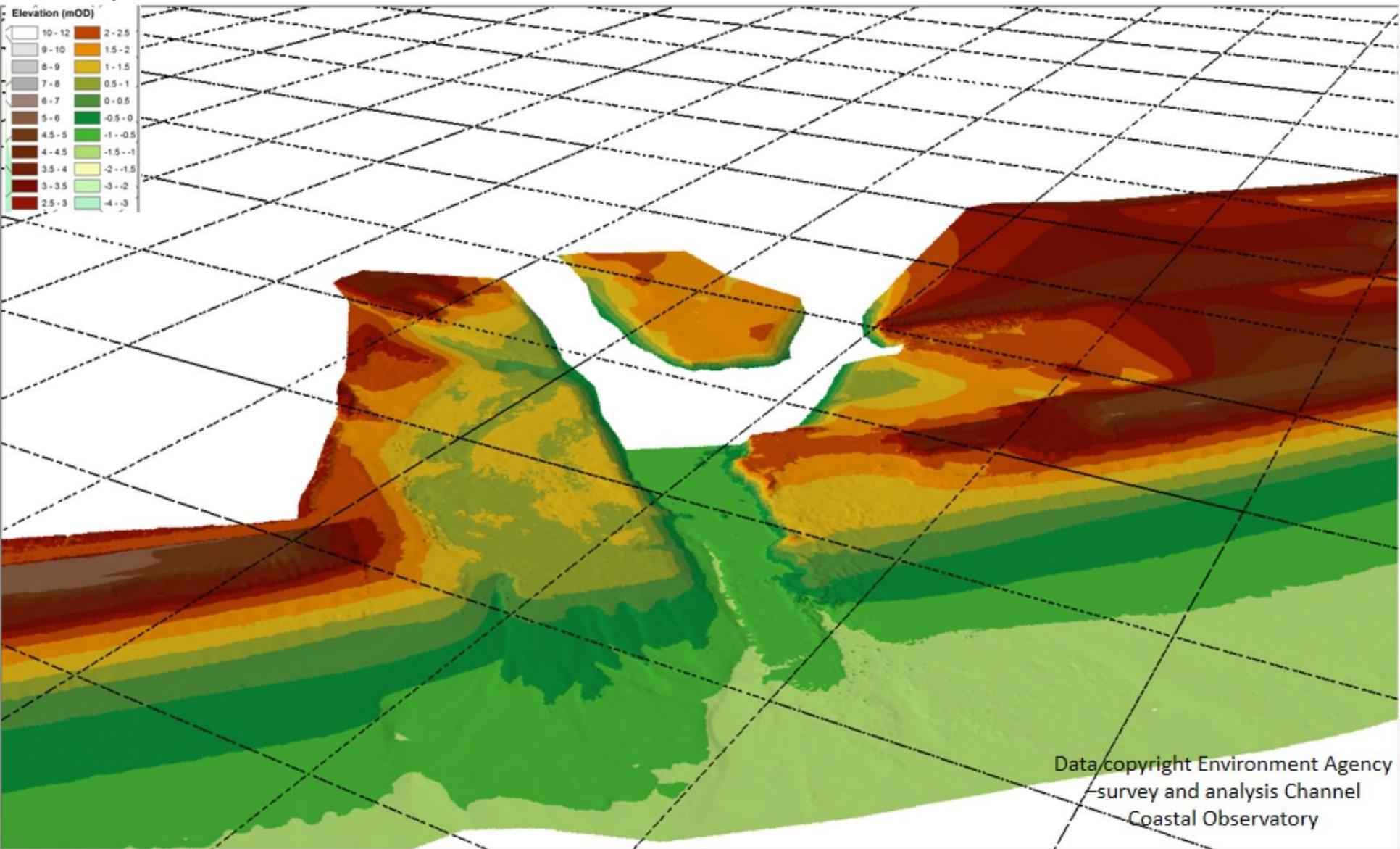




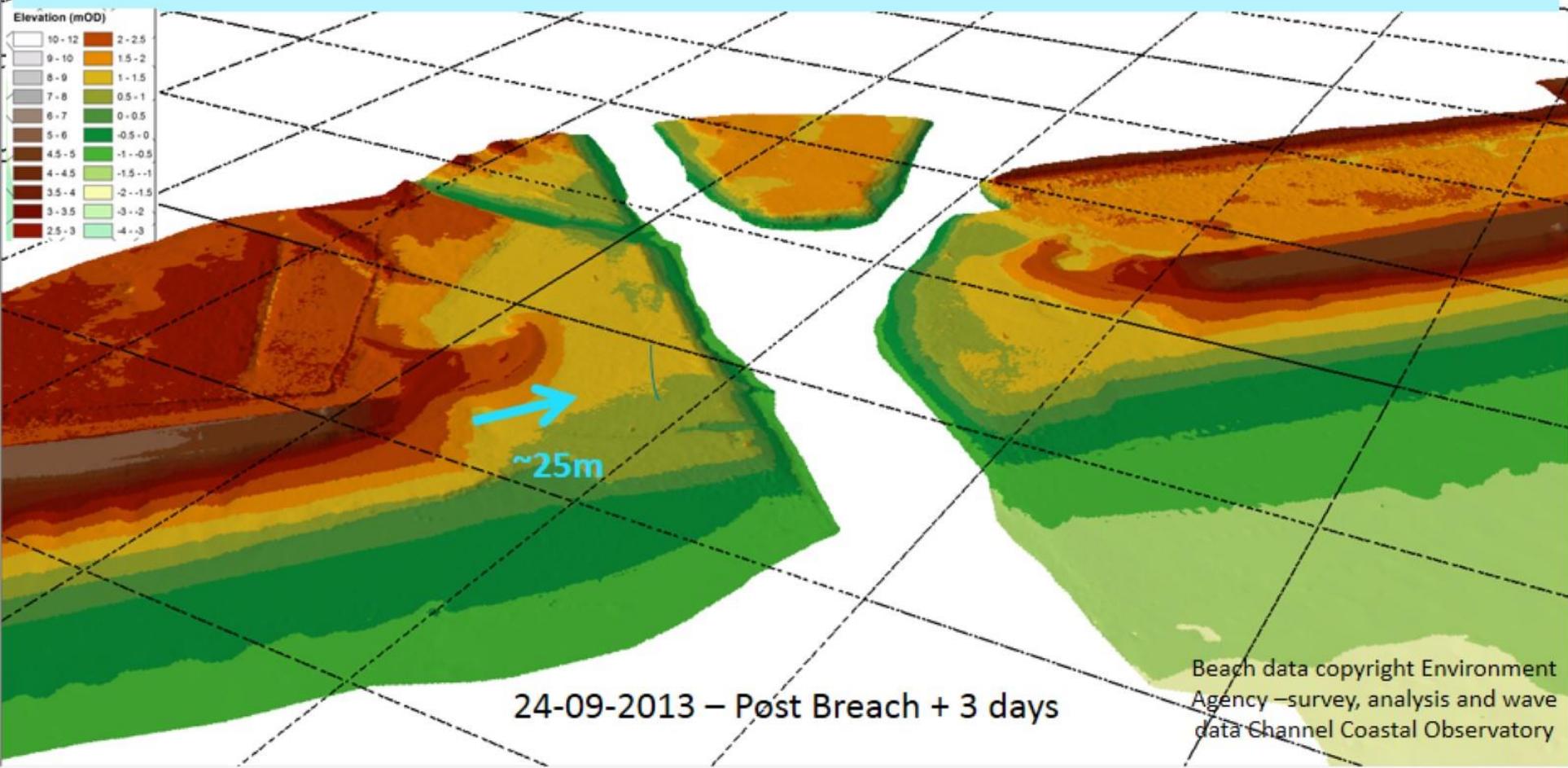
27-08-2013 – Pre-Breach

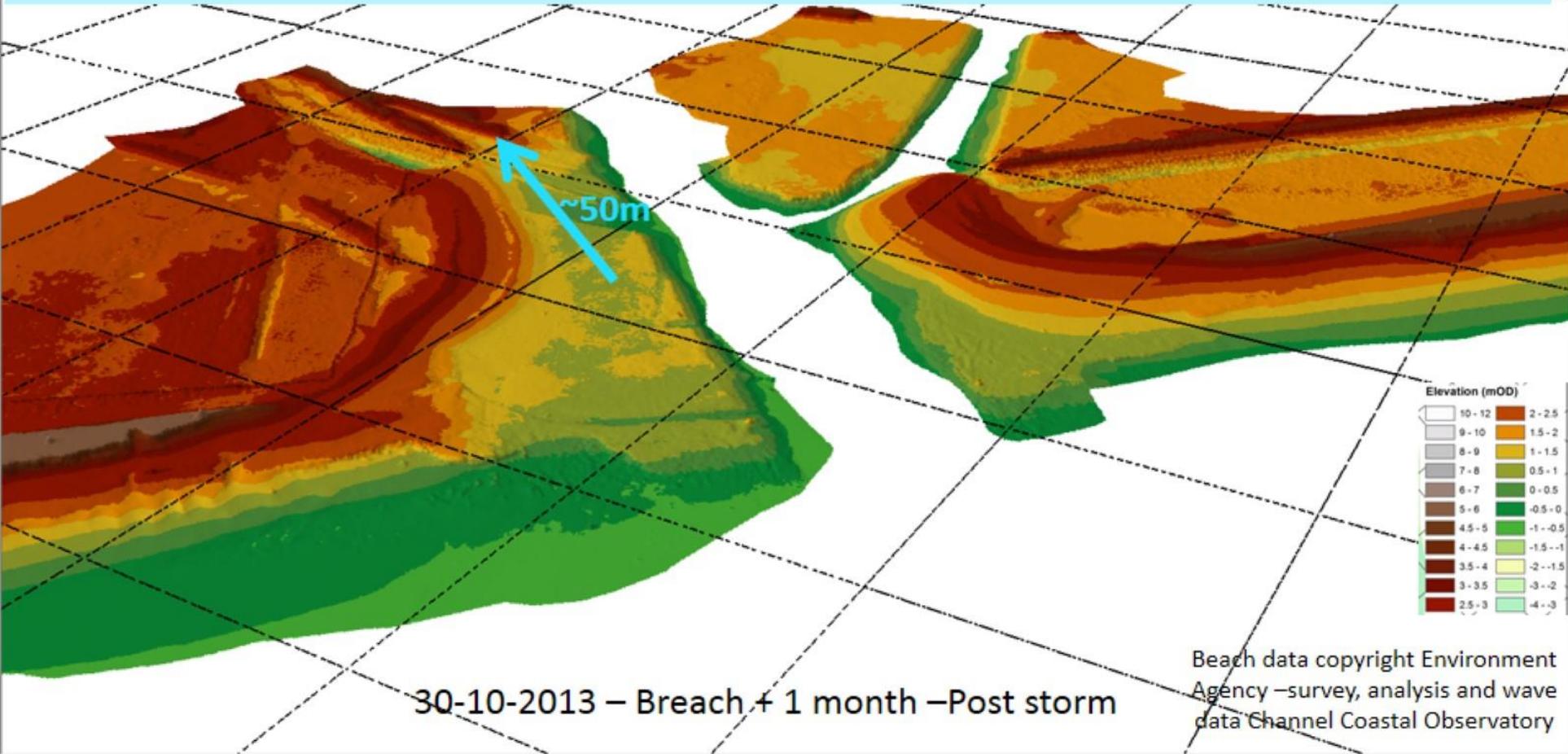
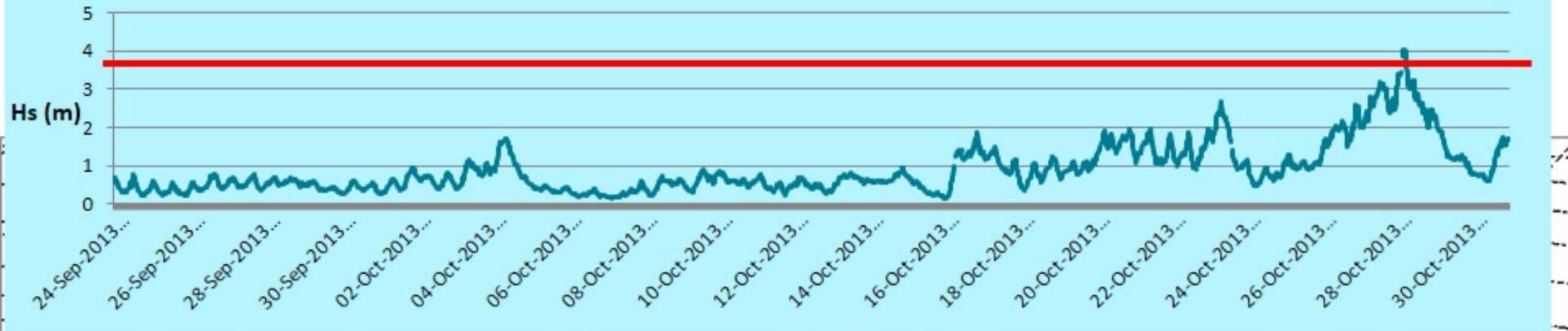


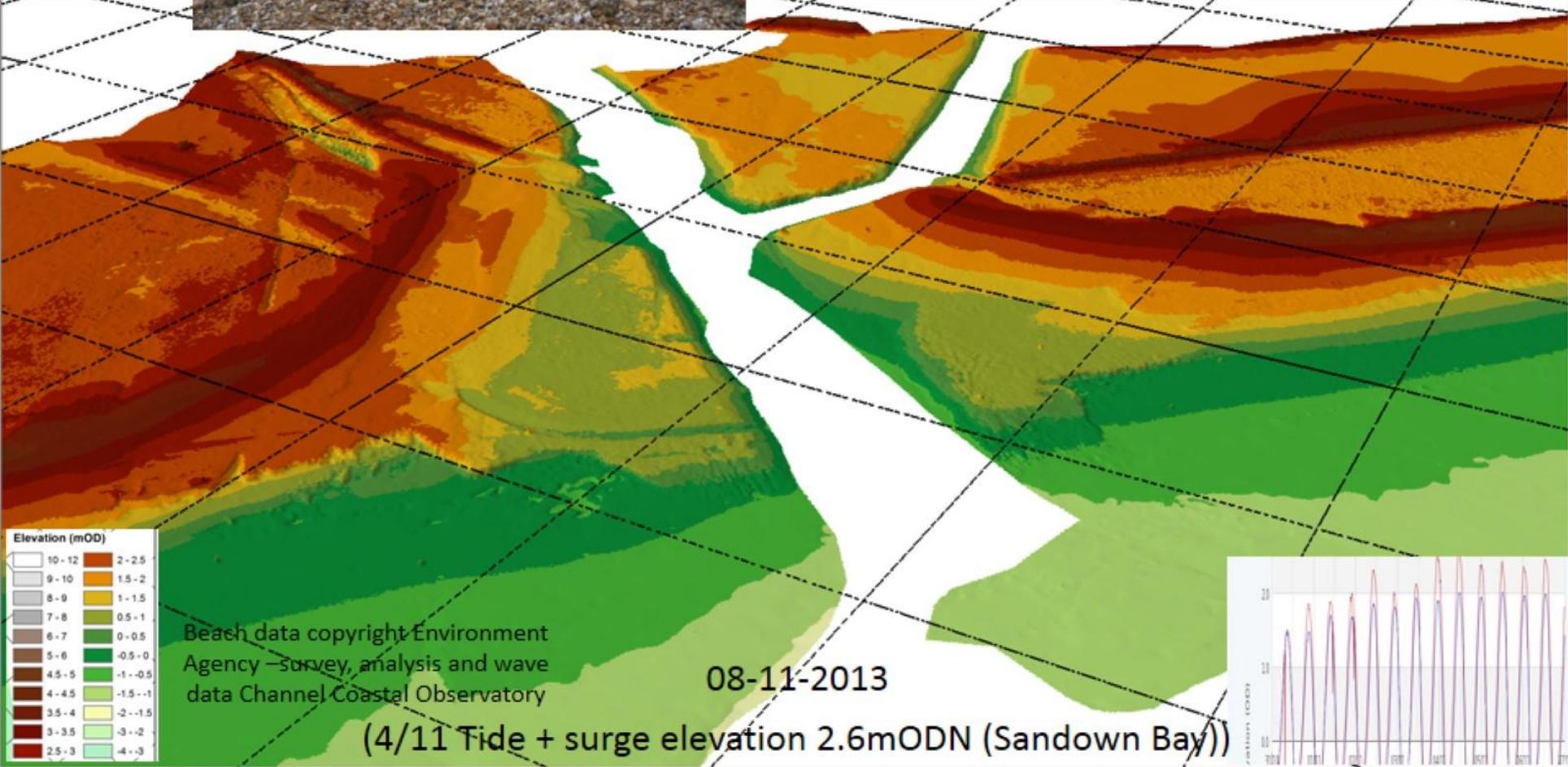
12-09-2013 – Mid Breach



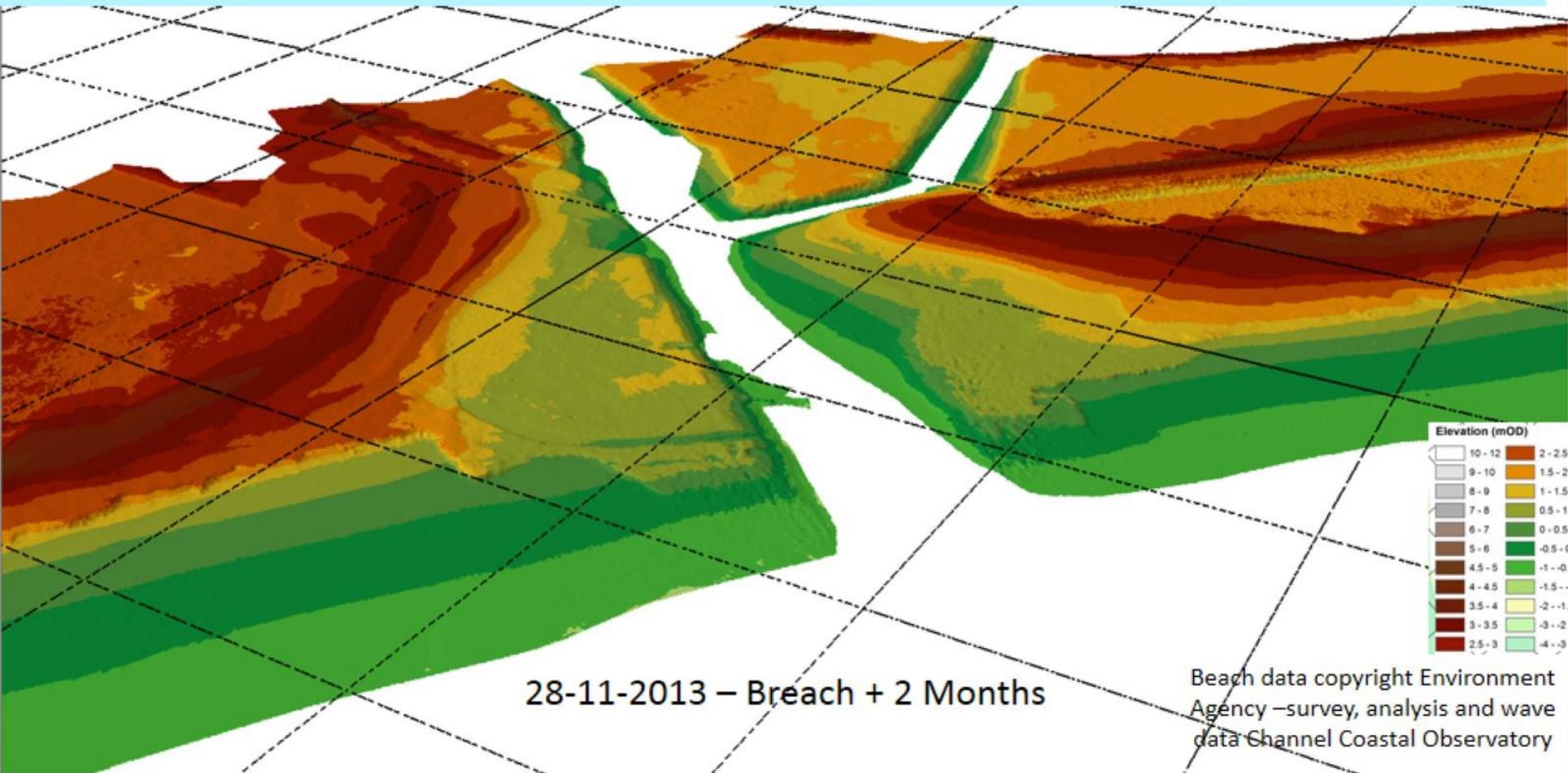
Data copyright Environment Agency
survey and analysis Channel
Coastal Observatory

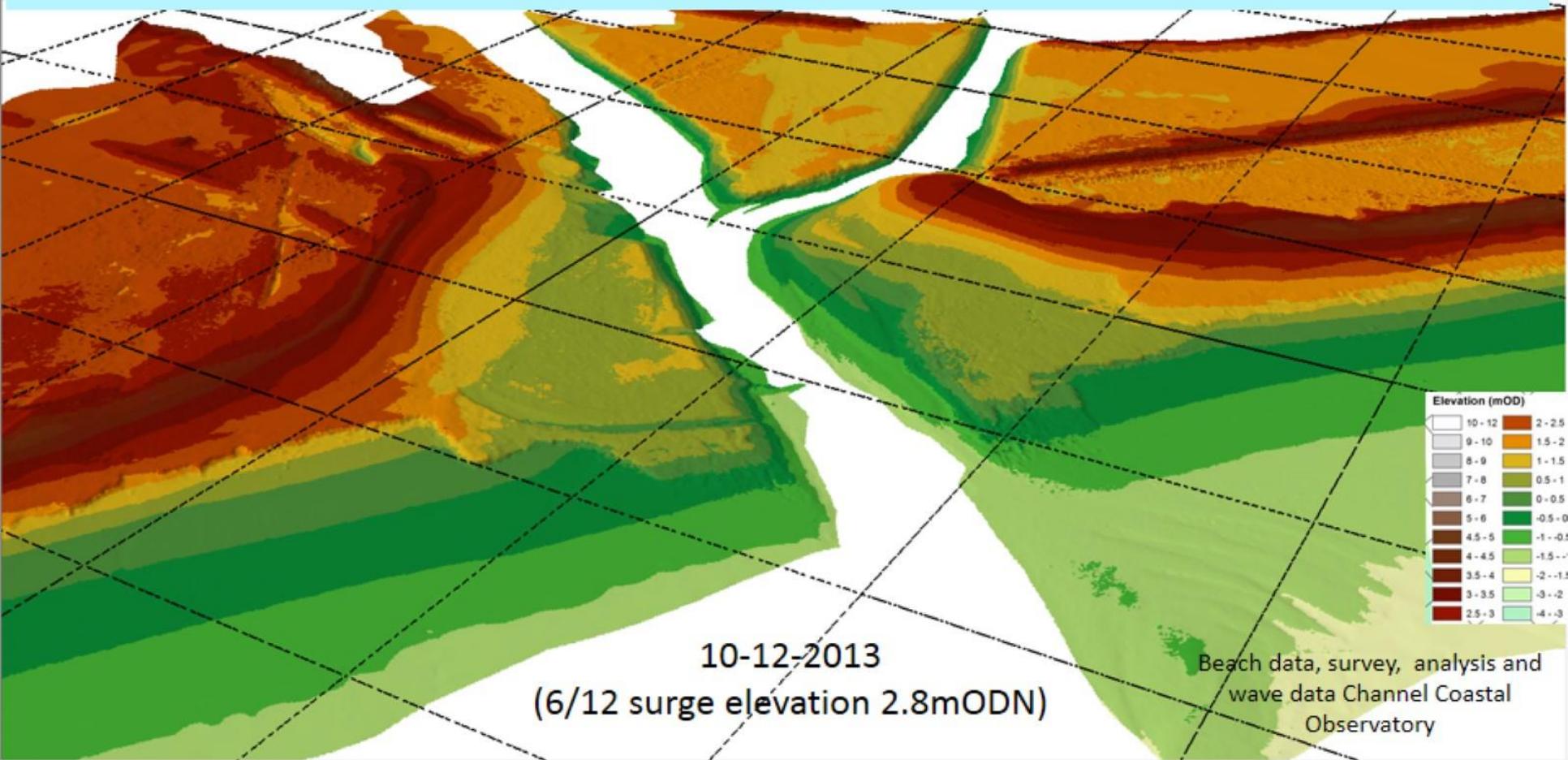
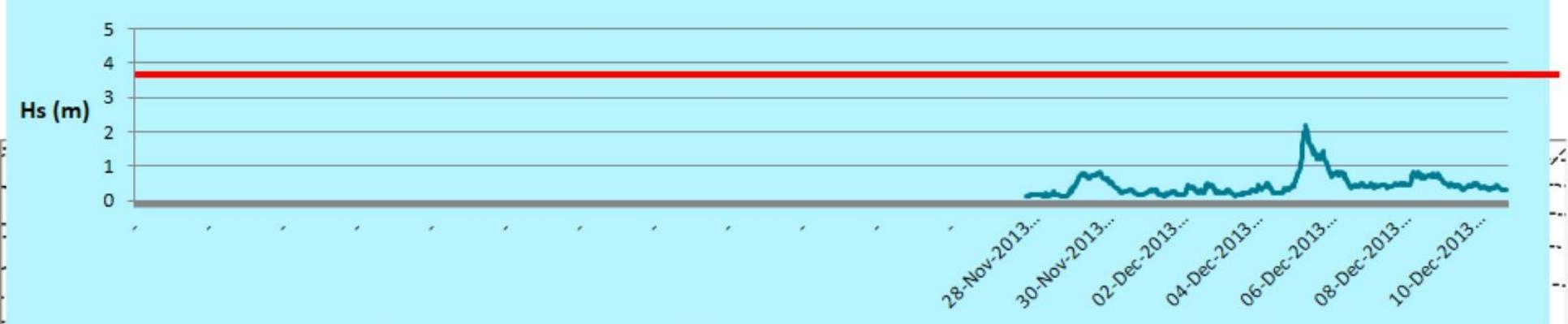


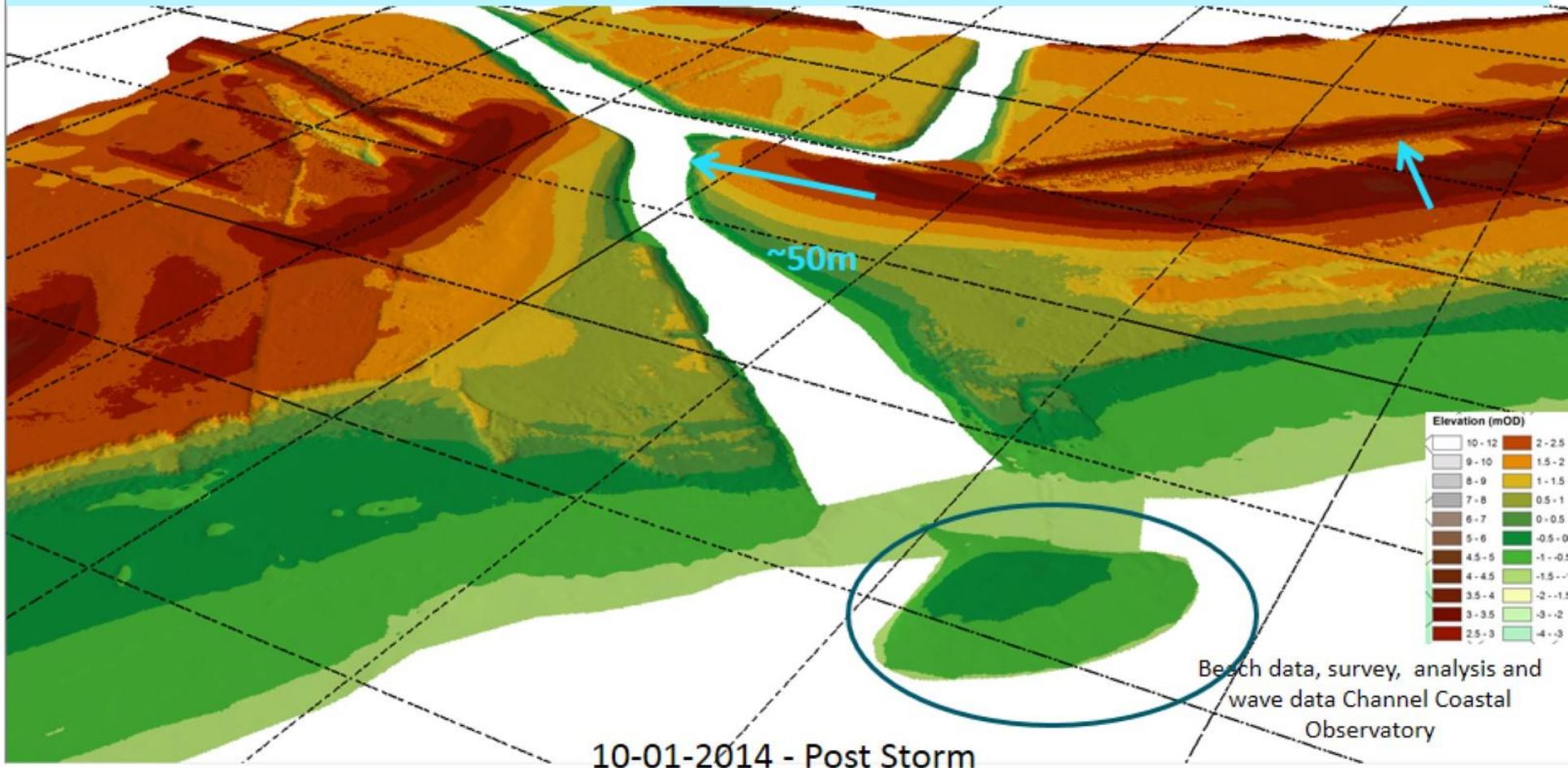




Beach data copyright Environment Agency - survey, analysis and wave data Channel Coastal Observatory

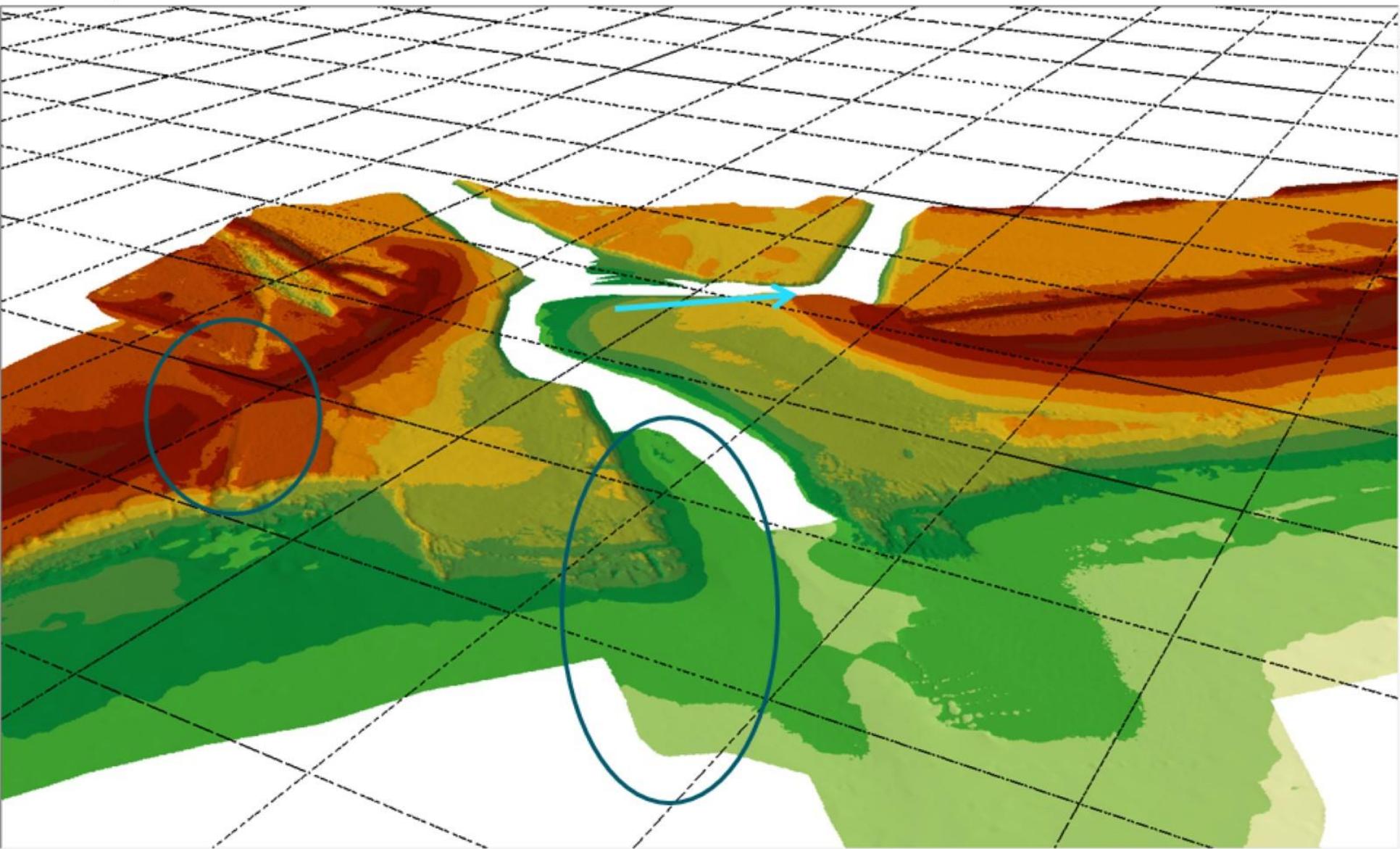






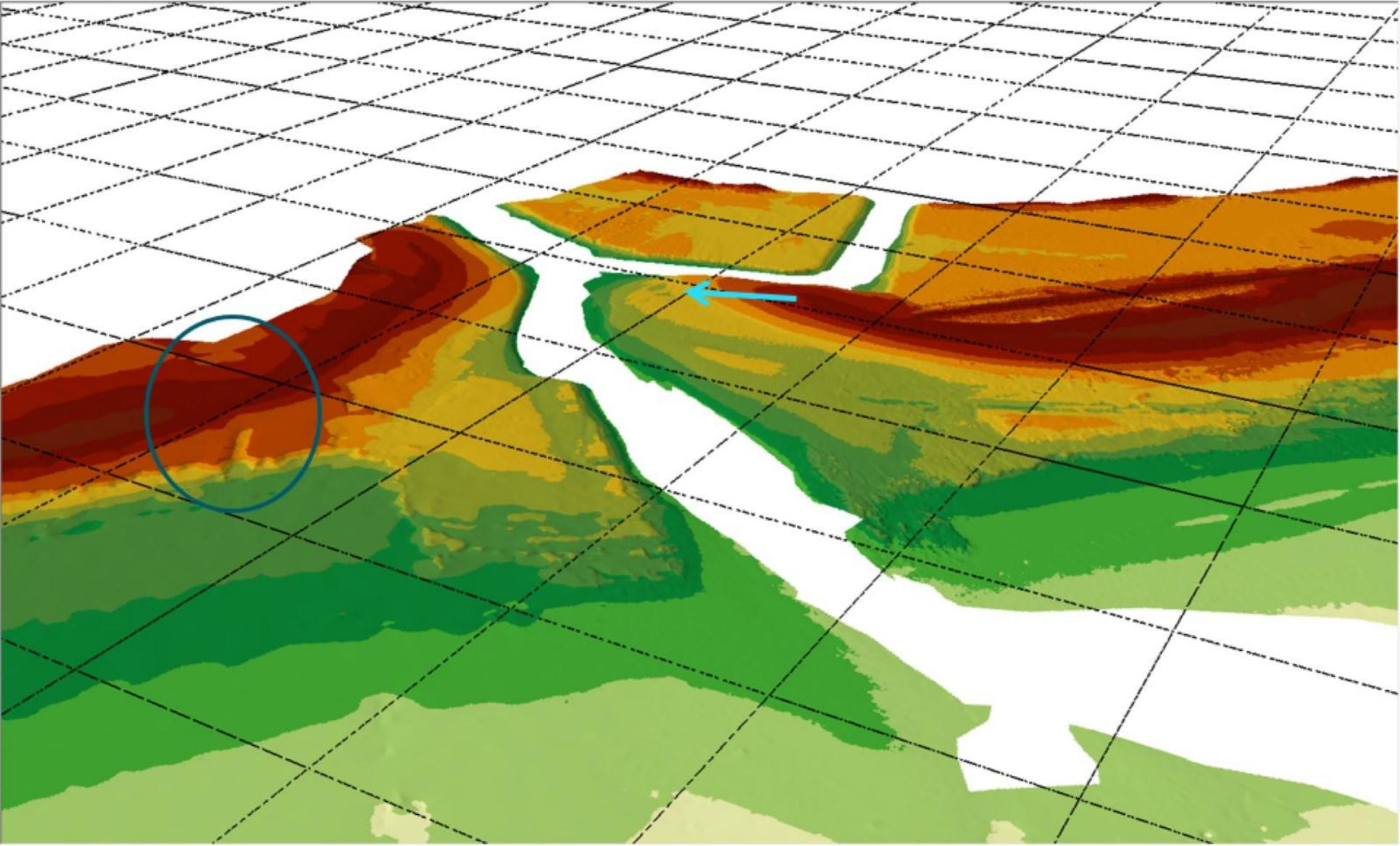


07-02-2014 - Monthly



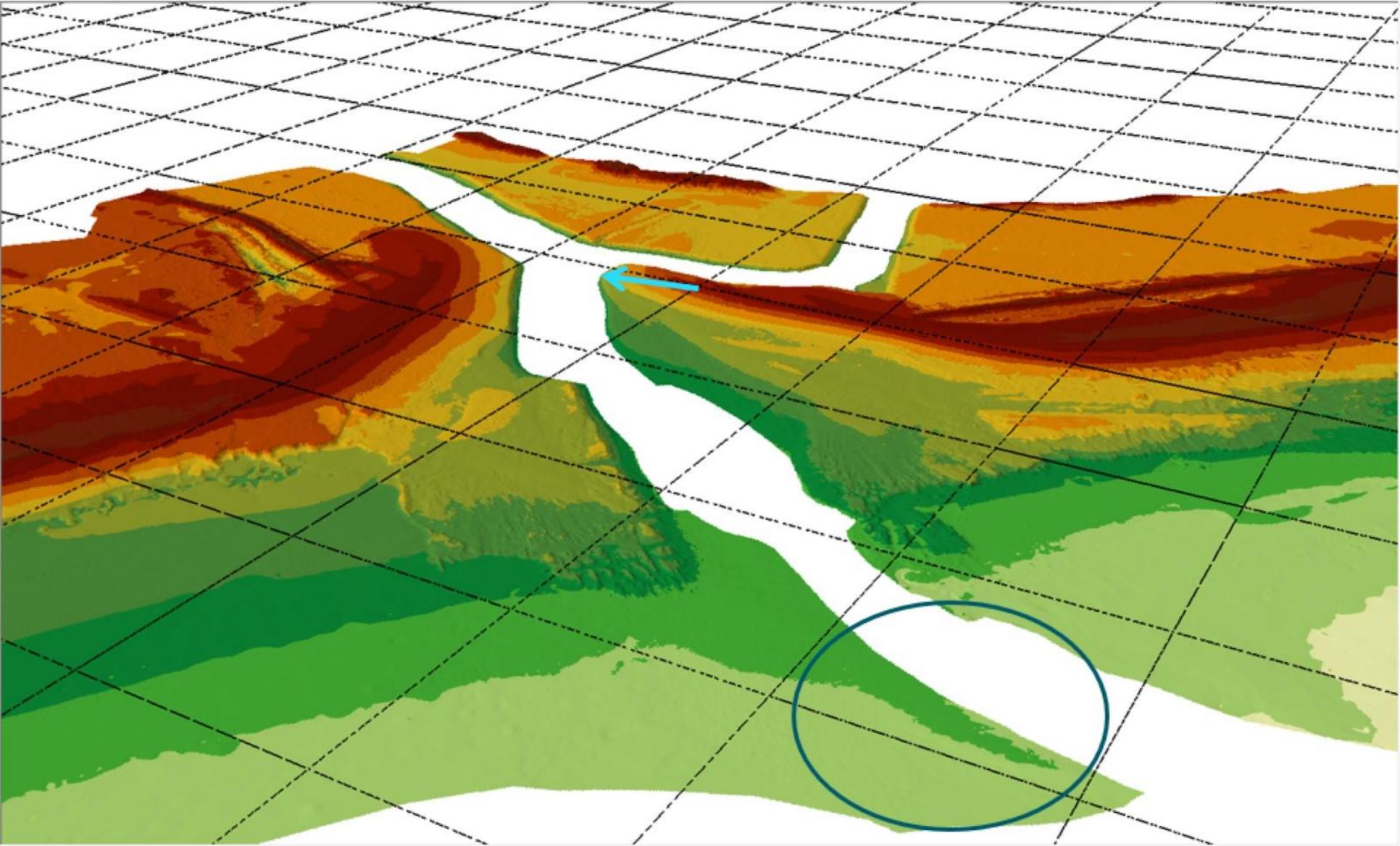


07-03-2014 - Monthly

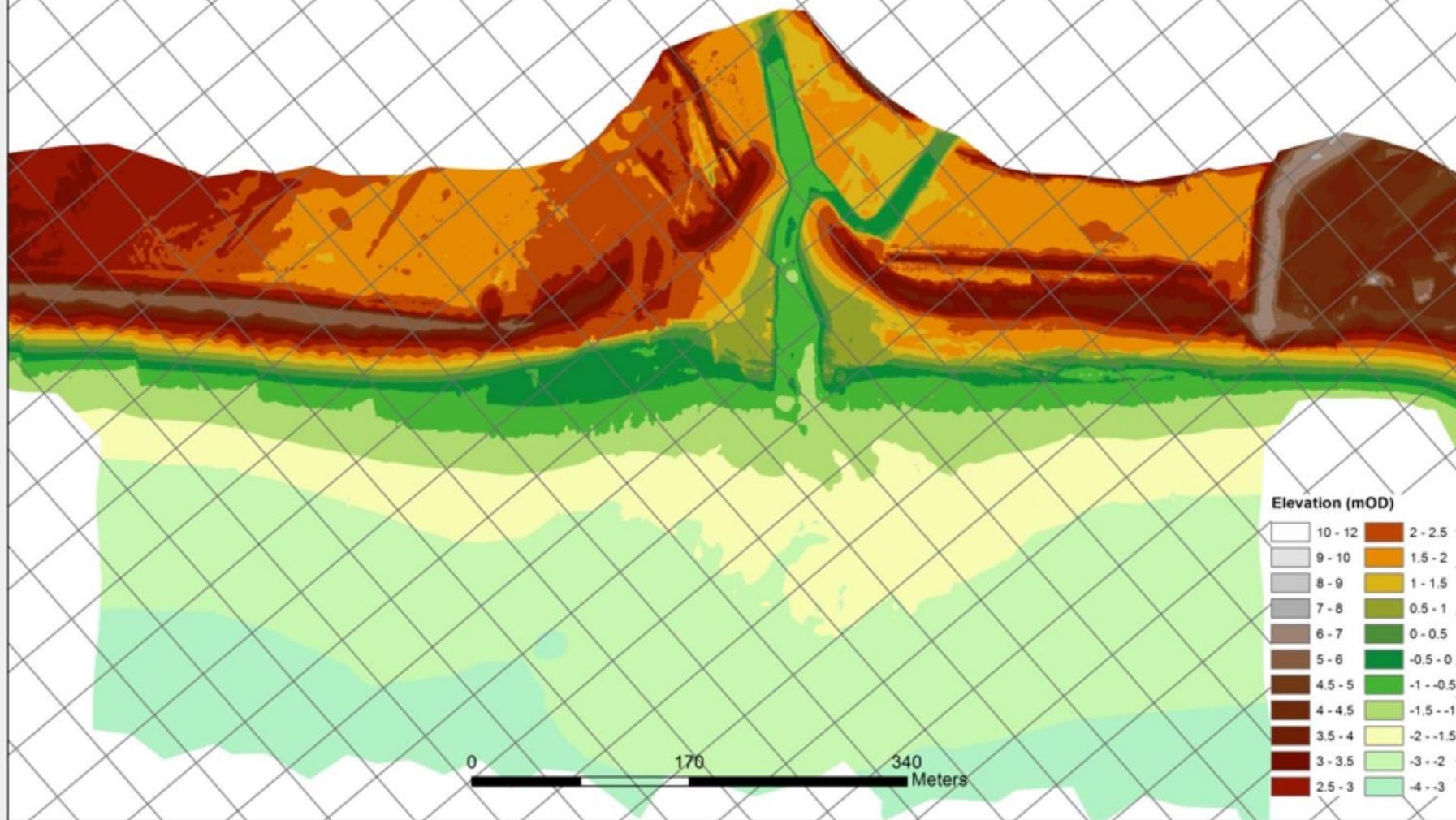




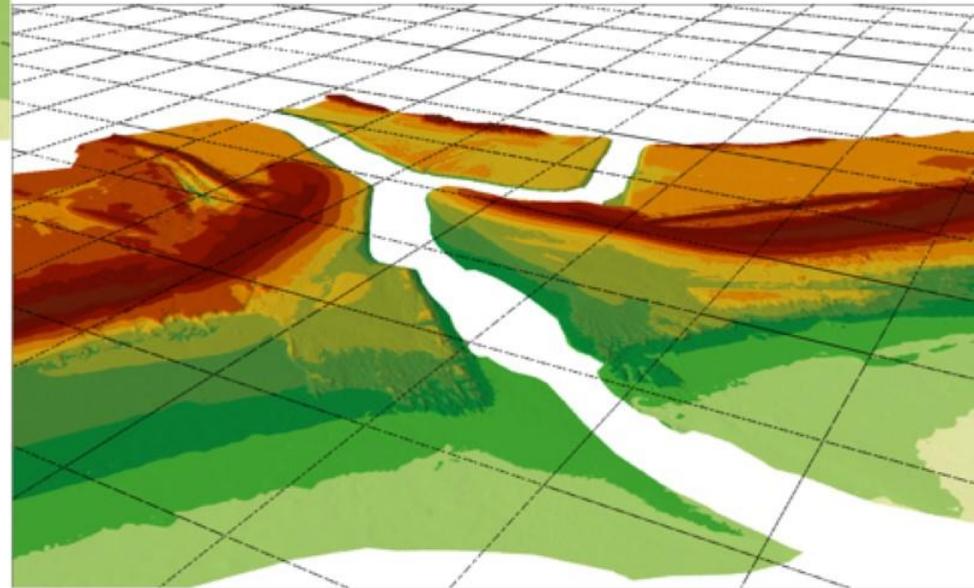
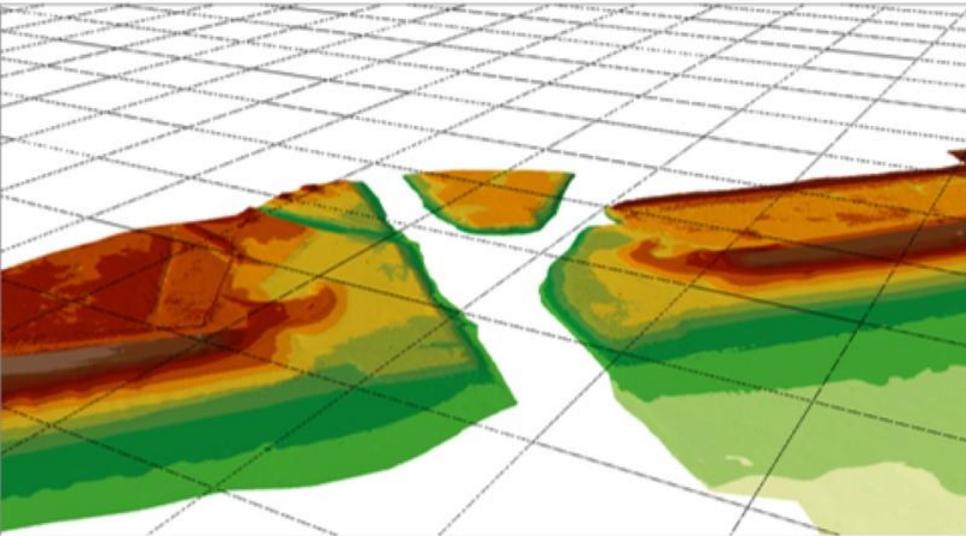
29-04-2014



Medmerry 10th January Topographic Survey & 30th January Hydrographic Survey



Evolution from 24/9/13 to 29/4/14



Beach data copyright Environment
Agency –survey and analysis
Channel Coastal Observatory

