



CMAC : WCMC

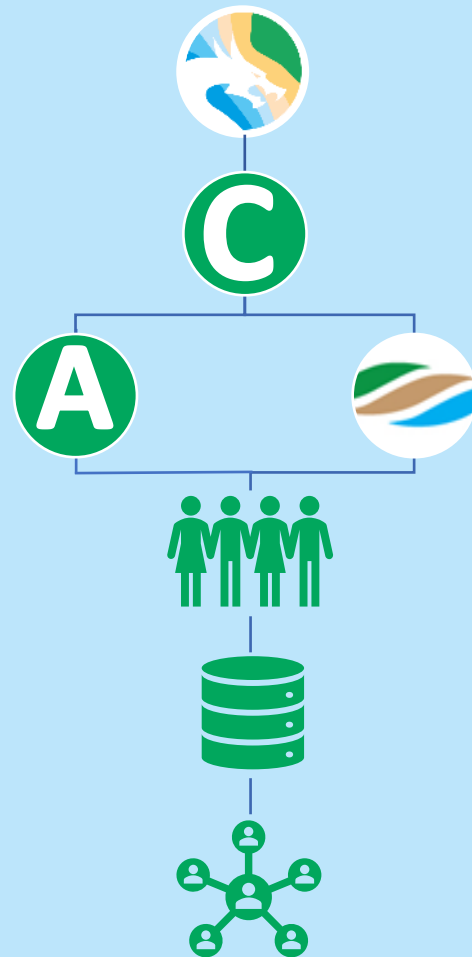
**Canolfan Monitro Arfordirol Cymru
Wales Coastal Monitoring Centre**

Scrutiny Committee 16/11/2021



Gwyn Nelson – Programme Manager

Who Are The WCMC? *People of Wales.*



| | |
|--|--|
| Welsh Government | Provide 100% FCERM Funding since 2018 |
| Wales Coastal Monitoring Centre | Public Sector Organisation |
| Consortium | Vale of Glamorgan Council Gwynedd Council Conwy Council Welsh Local Government Association |
| Advisory Panel | Wales Coastal Groups Forum, NRW, National Trust, Network Rail, Welsh Government, Chair of Coastal Groups |
| Delivery Team | WCMC + Marine Local Authority Support (surveyors) + Contractors |
| Data Hosting | Channel Coastal Observatory |
| Users | Marine Local Authorities, Consultancies, Universities |



Who Are The WCMC?



Gwyn Nelson

Programme Manager

Arriving in 2019 with 15 years experience in commercial coastal surveys, Gwyn and the team have developed the WCMC from the business case, to what we see today.



Will Russell

Coastal Process Scientist

Arriving in 2019 with a Masters in Ocean Science, Will has been key in developing the processes and systems for strategic surveying of the Welsh Coastline.



Lucy Attwood

Assistant Coastal Process Scientist

Lucy joined in Sept 2021 and is our second undergraduate placement, studying Marine Geography at Cardiff University. Lucy is excited to help develop our school's programme and to go on surveys with the team.



Sivert Hellyvik Havso

Robotics Researcher

Sivert began his KESS2 MPhil in November 2020 at Aberystwyth University Robotics Department, to develop a low cost autonomous survey rover.

[Learn More](#)



Ben Davies

Assistant Coastal Scientist

Ben joined in 2021 as a graduate kickstarter. He has a BSc in Physical Geography and Oceanography, and is excited to launch a career focused on the marine environment.



Hannah Richards

Assistant Coastal Scientist

Hannah joined in 2021 as a graduate kickstarter. She has degrees in Geology and Ecology, and enjoys working with people. Hannah developed our method for Point Cloud processing and worked on our schools programme.

What Does The WCMC Do?

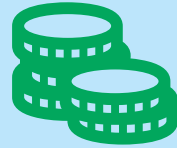
AIM

Developing a strategic approach to coastal monitoring in Wales, supporting the National Strategy for Flood and Coastal Erosion Risk Management and the work of other Maritime Local Authorities (MLAs) by providing the evidence base required for coastal risk management and decision making



What Does The WCMC Do?

OBJECTIVES



1. Cost Effective Programme

Centralise procurement in Wales
Management of contractors, cost analysis



2. Public Service Skills and Expertise

Developing local knowledge and capacity within LA's



3. Dataset available to prioritise investment

Ensuring quality controlled data is always directly available



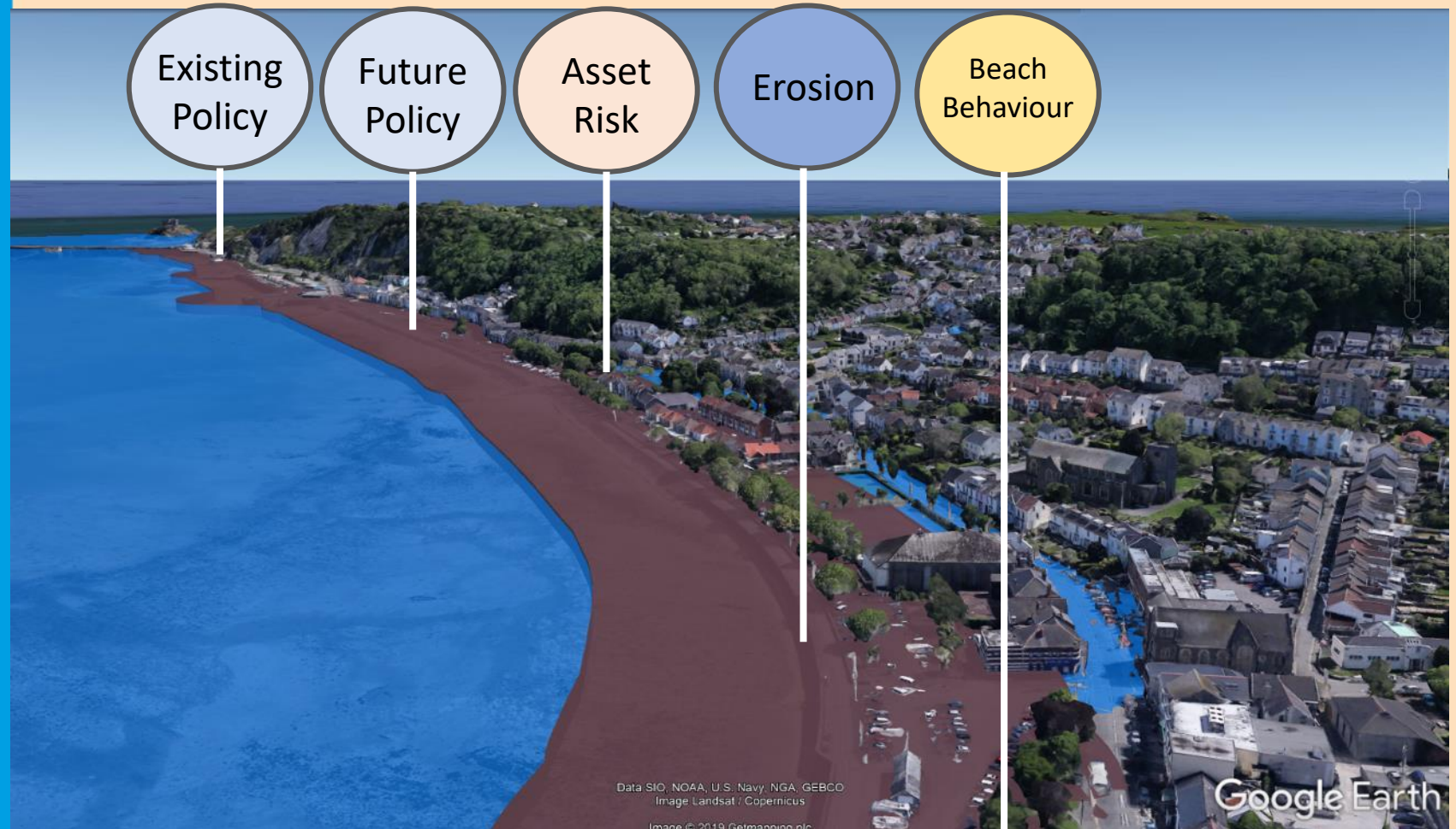
Why - The Challenge



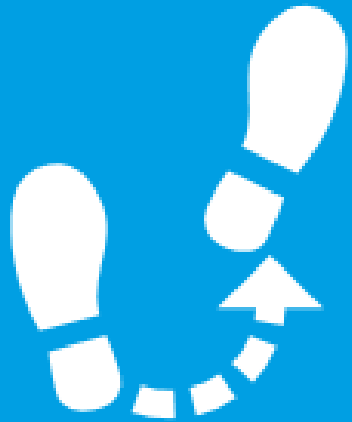
How - Shoreline Management Policy



How - Risk Based Methodology



How - Risk Based Methodology



google earth

Standardised Data/Analysis

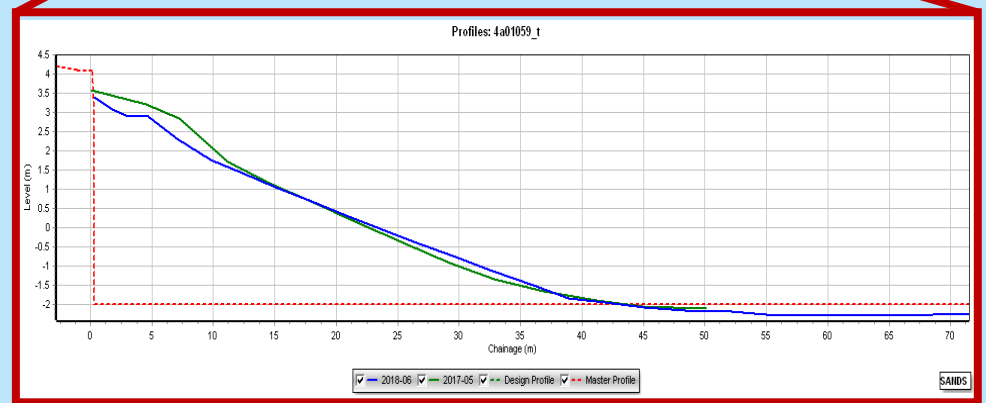


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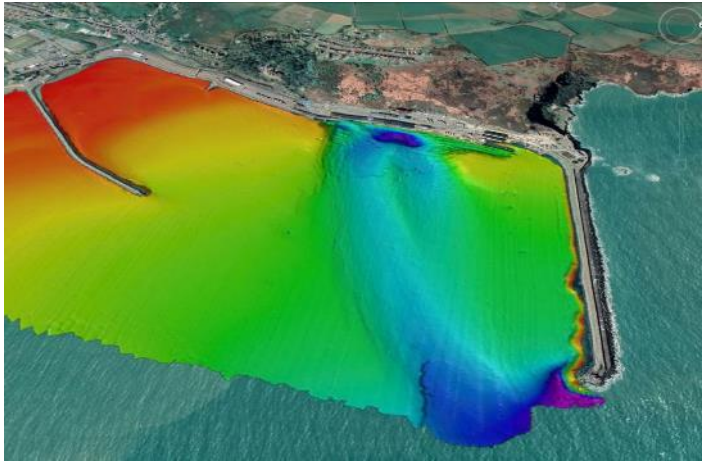
Specification

Wales Coastal Monitoring Centre
Topographic Specification
V2



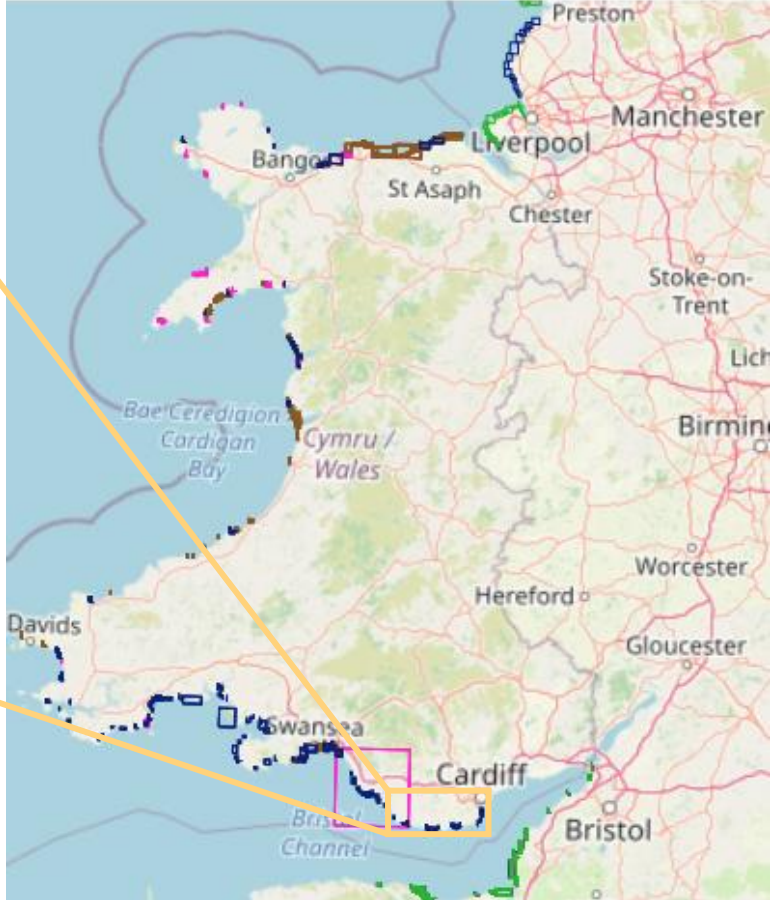
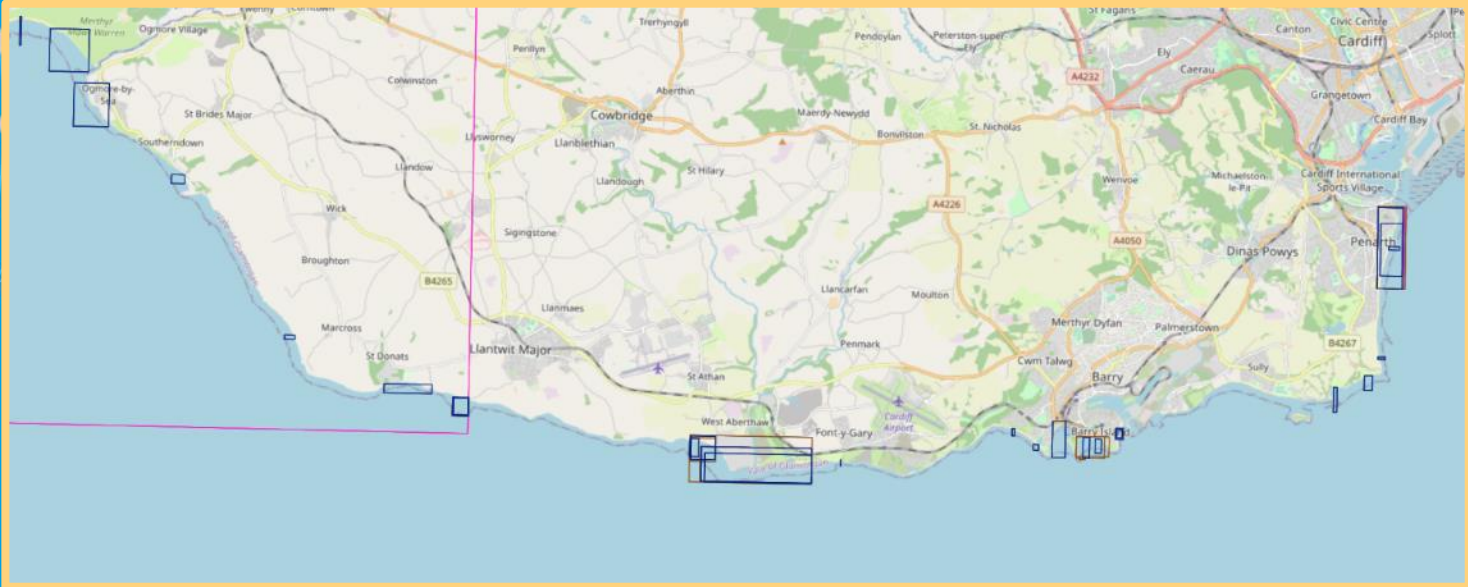


Survey Techniques/Collaborations

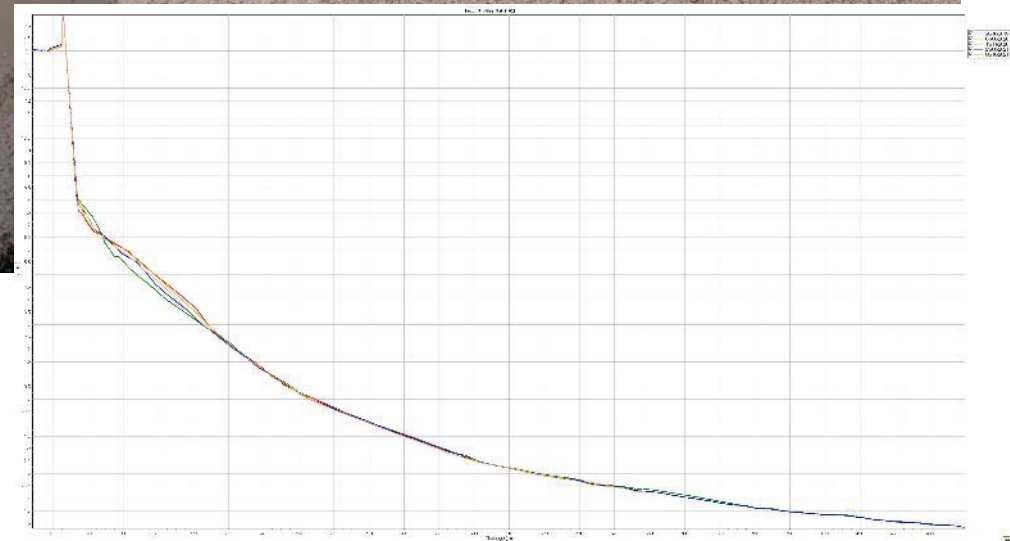
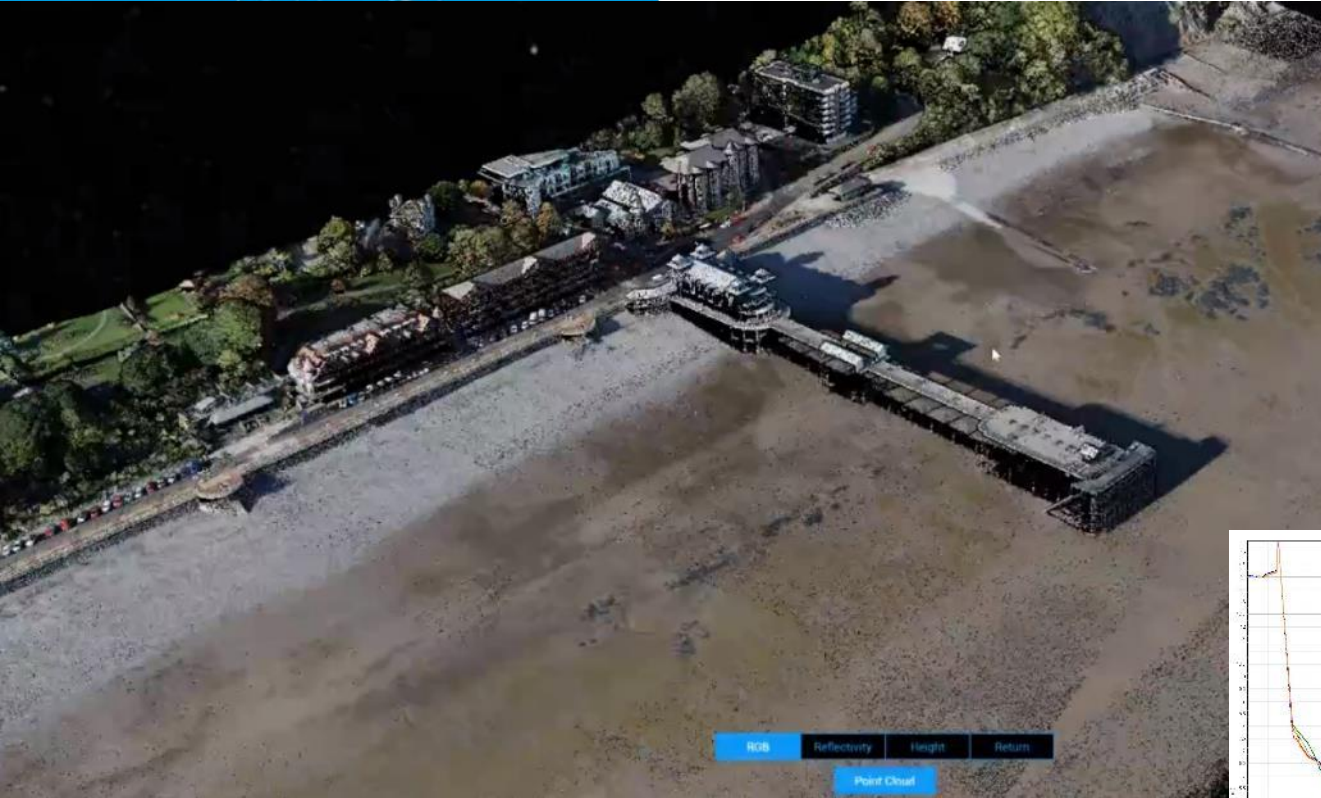


Survey Progress (Since 2019)

Vale of Glamorgan



Vale of Glamorgan



Coastal Flood Warning

Coast at Swanbridge and Barry

Page last updated 09/22/16 November 2021


Flood Warning not in force
Issued: 06/22/15 Nov 2020
Updated: 09/22/15 Nov 2020

Coast at Swanbridge and Barry

Sign up to receive Flood Warnings for this area

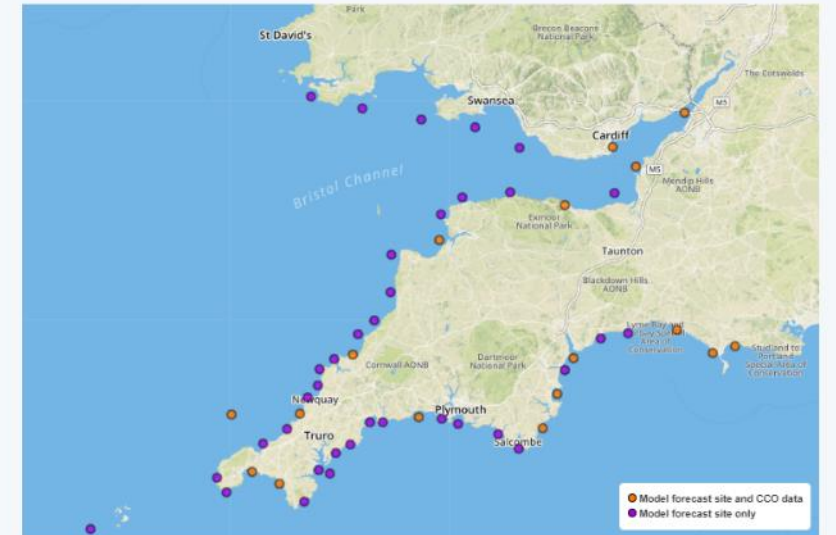
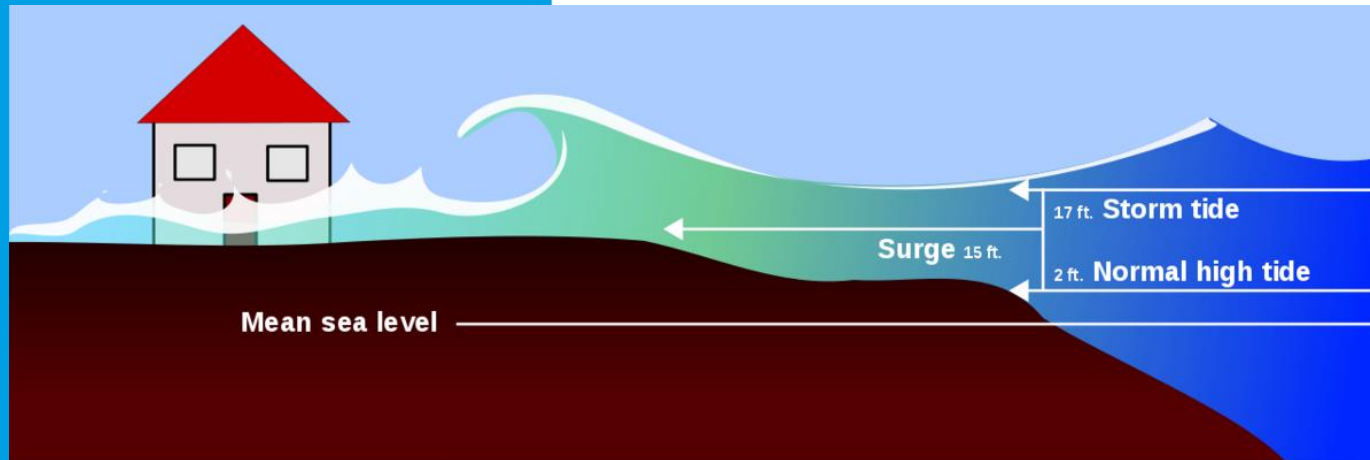
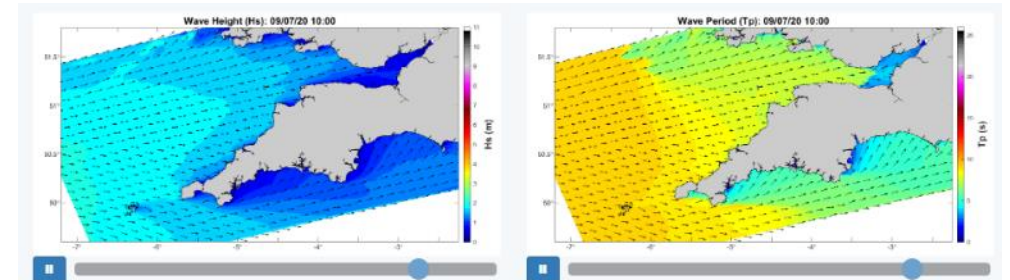
Floodline 0345 988 1188
quick dial number 198203

Flood warnings and alerts home



Key: Severe Flood Warning, Flood Warning, Flood Alert

Show other warnings and alerts



<http://www.channelcoast.org/ccoresources/sweep/>

New National Curriculum 2022 – C.Change



Main findings

Standards: Good

During their time at the school, most pupils make at least good progress in developing their skills from their starting points.

In the lower foundation phase, many pupils have well developed speaking and listening skills. For example, they listen attentively and respond to questions about stories. By the time pupils reach Year 2, most pupils speak confidently, for example when acting out their interpretation of the Great Fire of London. In key stage 2, most younger pupils are confident when talking in formal and informal situations and in discussions with adults and their peers. By Year 6, many pupils debate topical subjects appropriately, such as climate change.

Most pupils in the reception class participate enthusiastically when learning initial letter sounds. By Year 2, most pupils apply their phonological skills confidently. Most read unfamiliar words in texts and self-correct appropriately. For example, they use their knowledge of the traditional tale of the Gingerbread Man to read the story with increasing accuracy. Many pupils provide considered opinions about what they are reading, as well as providing plausible predictions on what may come next. By the end of key stage 2, pupils read accurately and use higher order reading skills well when looking for information.

Most pupils in the nursery class enjoy mark making and understand their marks have meaning. By Year 2, most pupils have developed a joined and legible script for handwriting. This enables them to start writing for longer periods, for example when writing a set of instructions about making bread. In lower key stage 2, most pupils focus systematically on improving their spelling and punctuation skills. Many develop



Thank you for your time

