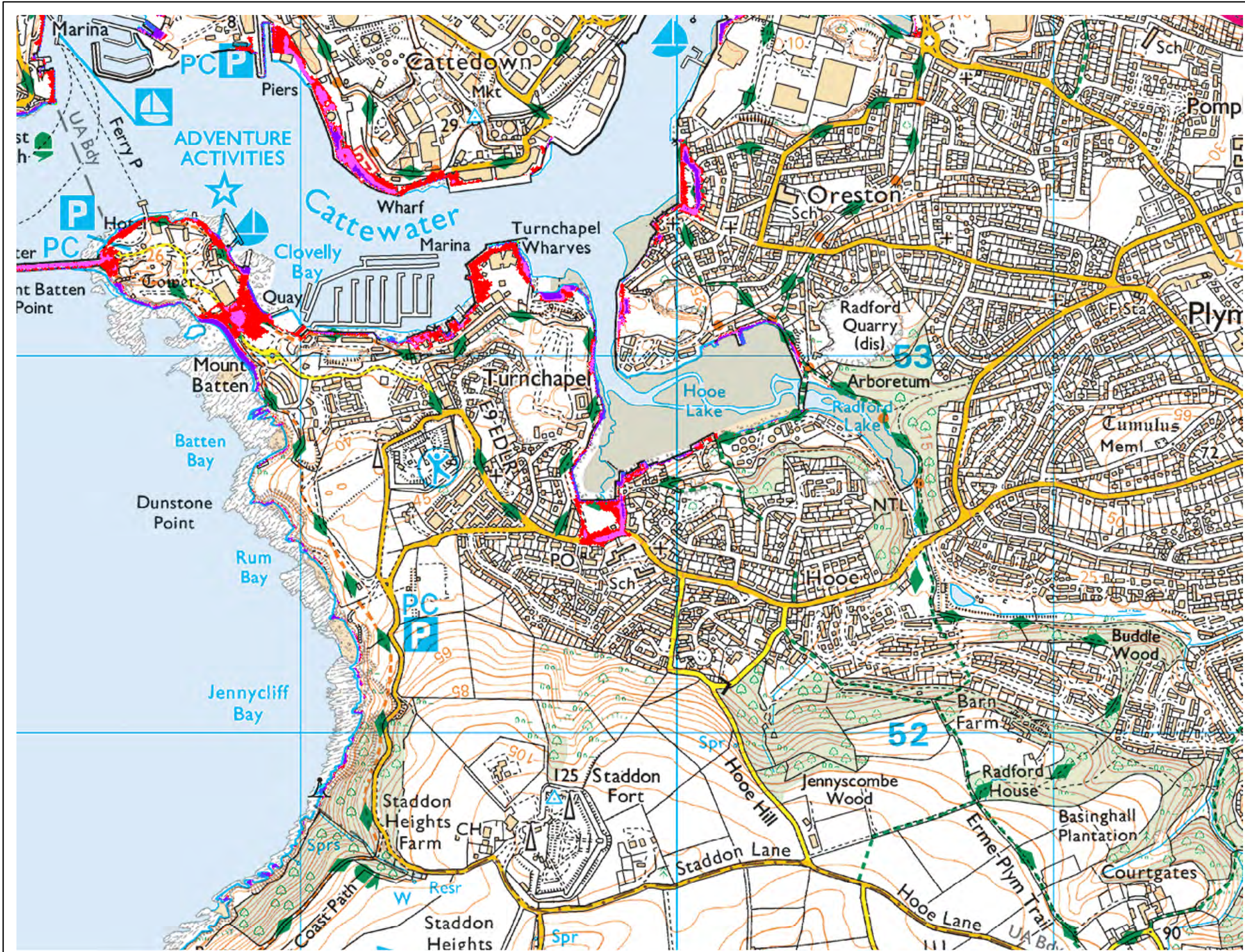


APPENDIX B ENVIRONMENT AGENCY INFORMATION

ENQ19/DCIS/130436 - Depth Map undefended 1 in 200 year taken from the Plymouth Coastal Model 2018 centred on Yonder Street, Plymstock



Please note this map is intended only as a guide - it is not accurate at individual property level



Legend

Plymouth 1 in 200 year - Depth metres

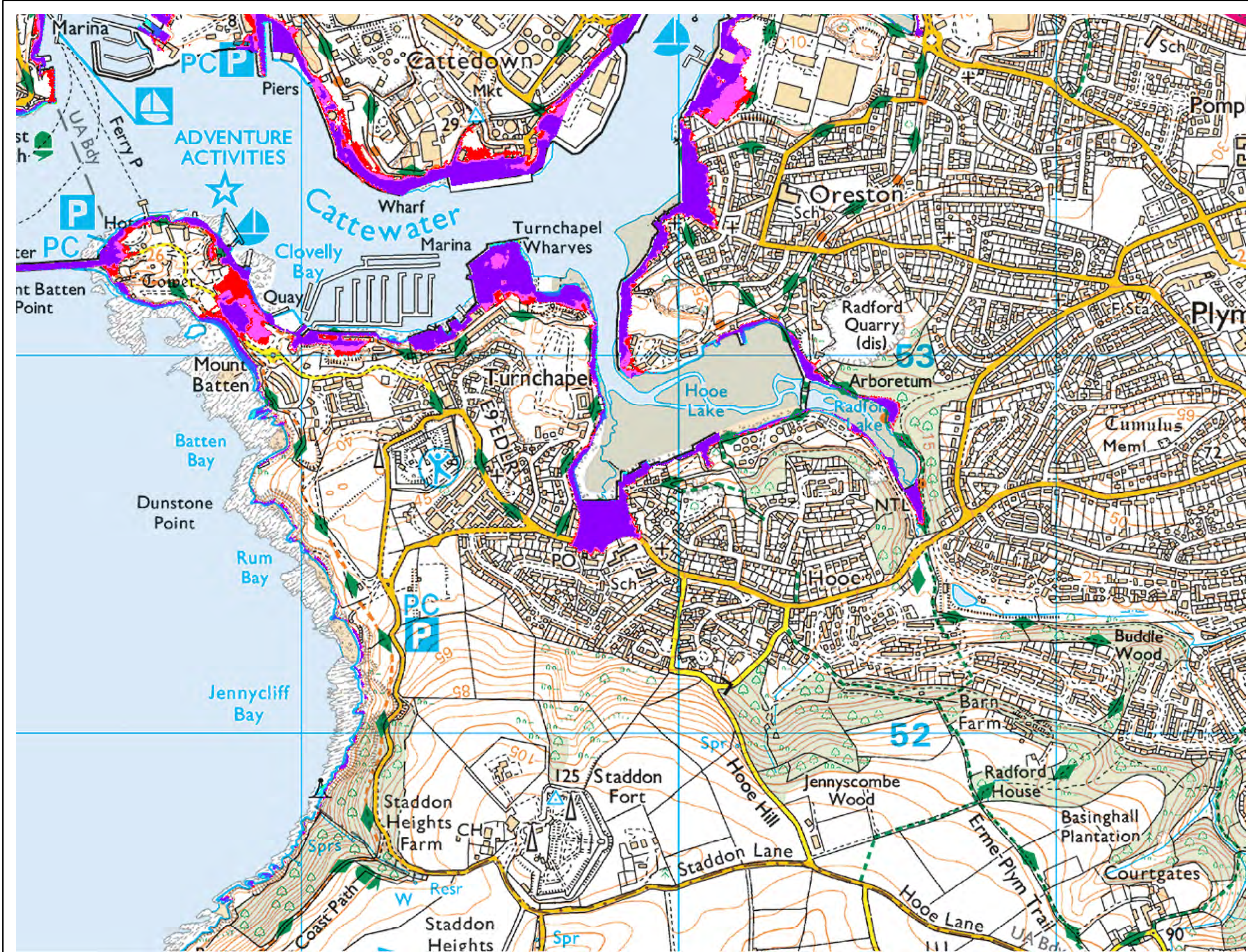
0 - 0.25
0.25 - 0.5
0.5 - 2
2.0 - 4
4.0 - 6.0
6.0 - 8.0
8.0 - 10
10 - 12
12 - 14
14 - 16

This map displays the depths (m) across the site for a 1 in 200 year (0.5% AEP) event, taken from the Plymouth Coastal Model 2018 and includes an allowance for wave overtopping.

ENQ19/DCIS/130436 - Depth Map undefended 1 in 200 year + cc taken from the Plymouth Coastal Model 2018 centred on Yonder Street, Plymstock



Please note this map is intended only as a guide - it is not accurate at individual property level



Legend

Plymouth 1 in 200 year+cc - depth metres

0 - 0.25
0.25 - 0.5
0.5 - 2
2.0 - 4
4.0 - 6.0
6.0 - 8.0
8.0 - 10
10 - 12
12 - 14
14 - 16

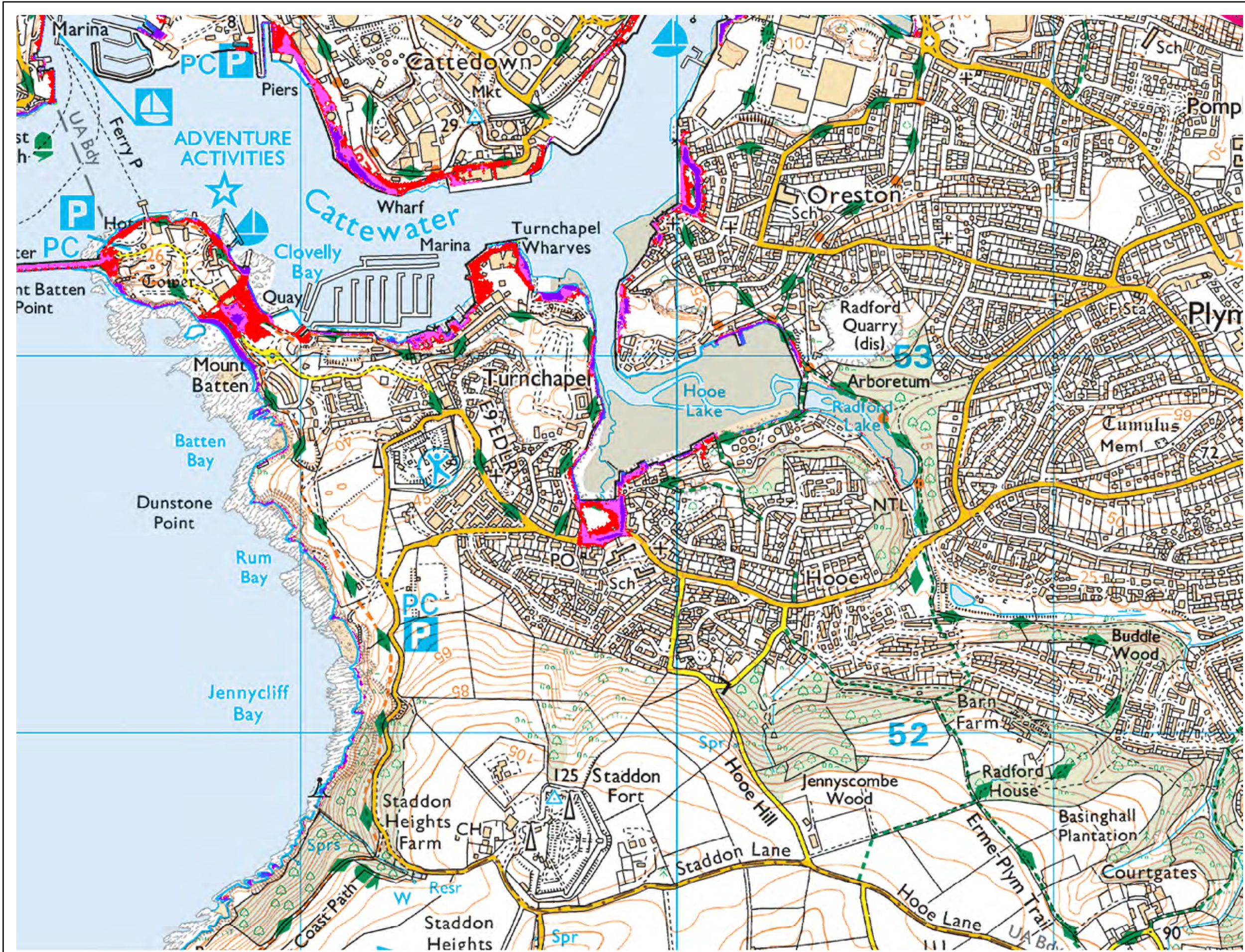
This map displays the depths (m) across the site for a 1 in 200 year (0.5% AEP) event, taken from the Plymouth Coastal Model 2018 and includes an allowance for wave overtopping.

Climate change scenarios
To calculate the impact of climate change on wave overtopping discharge rates, changes were applied to the water level, wind speeds and wave heights. For more information, please see the attached caveat.

ENQ19/DCIS/130436 - Depth Map undefended 1 in 1000 year taken from the Plymouth Coastal Model 2018 centred on Yonder Street, Plymstock



Please note this map is intended only as a guide - it is not accurate at individual property level



Legend

Plymouth 1 in 1000 year - Depth metres

0 - 0.25
0.25 - 0.5
0.5 - 2
2.0 - 4
4.0 - 6.0
6.0 - 8.0
8.0 - 10
10 - 12
12 - 14
14 - 16

This map displays the depths (m) across the site for a 1 in 1000 year (0.1% AEP) event, taken from the Plymouth Coastal Model 2018 and includes an allowance for wave overtopping.

1:10,000 Correct as of the 20th June 2019

© Environment Agency copyright and / or database rights 2018. All rights reserved.
© Crown copyright and database rights 2018. All rights reserved.
Ordnance Survey licence number 100024198, 2018.

ENQ19/DCIS/130436 - Records of flooding in the Plymstock area.

Date	Location	Detail	Cause	Estimated Number of Properties Flooded	Flood Source
07/07/1975	Plymstock	Plymstock. Oreston Road, flooding to highway with manholes being lifted.	Heavy rain, Surface Water Flooding.	0	Surface Water Runoff
01/01/1980	Plymstock	Plymstock, Turnchapel. Reports of tidal flooding in the area.	Flooding from High Tides.	0	Tidal
01/03/1983	Plymstock	Plymstock. Surcharing of sewers in Plymstock Road and Vinery Lane. Water backs up through the manholes and gullies in storm conditions.	Heavy Rain surcharges sewers in Plymstock Road.	0	Sewerage & Surface Water Runoff
01/10/2003	Plymstock	Plymstock, Turnchapel. General reports of flooding to the Quay area during high tides. Date non specific.	Tidal flooding during exceptional high tides even in calm weather	0	Coastal & Tidal

Date	Location	Detail	Cause	Estimated Number of Properties Flooded	Flood Source
24/10/2016	Plymouth	Plymouth- Widespread surface water flooding reported across highways and property flooding with flash flooding between 21:00 and 22:00. Reports of blocked drains and surcharging sewers at Plymouth, Plympton, Plymstock and Devonport.	Heavy rainfall with 4.9mm of rain recorded in 15 minutes at Plympton. Highway drains blocked with leaves.	3	Surface Water Runoff

This list contains all the records of flooding we hold, in a 1km radius of the specified location. Although this information is compiled to the best of our knowledge, the absence of flooding does not mean that an area has not flooded in the past, nor guarantee it will not flood in the future. Our records are updated as more information comes to light, and as flood incidents occur.

Correct as of 20 June 2019