

Surface Water Flood Risk Assessment - Land south of B6478

Background

This assessment supports a planning application for the installation of a stone track and improved access on land south of the B6478. The application site is located east of Slaidburn (GR: SD71722 52106).

The proposed track will provide access with agricultural and motor vehicles associated with the annual Hodder Valley Show.

Environment Agency flood maps show the site is within Flood Zone 1 for flooding from rivers and seas for the present day and including climate change 2070 - 2125. (See Annex A below).

Surface water flood maps show there is a small area at risk of flooding for the annual likelihood of surface water flooding 1 in 30 year and 1 in 100 year scenarios

The maps shows two small areas at risk of surface water flooding for the 1in 1000 year period.

Annex B shows the depth of flooding to 20cm for both the present and 2040 -2060 period as very low. There are no areas of flooding to 30cm depth for the same period.

Summary

The area of surface water flooding is limited to two small areas to the south of the site.

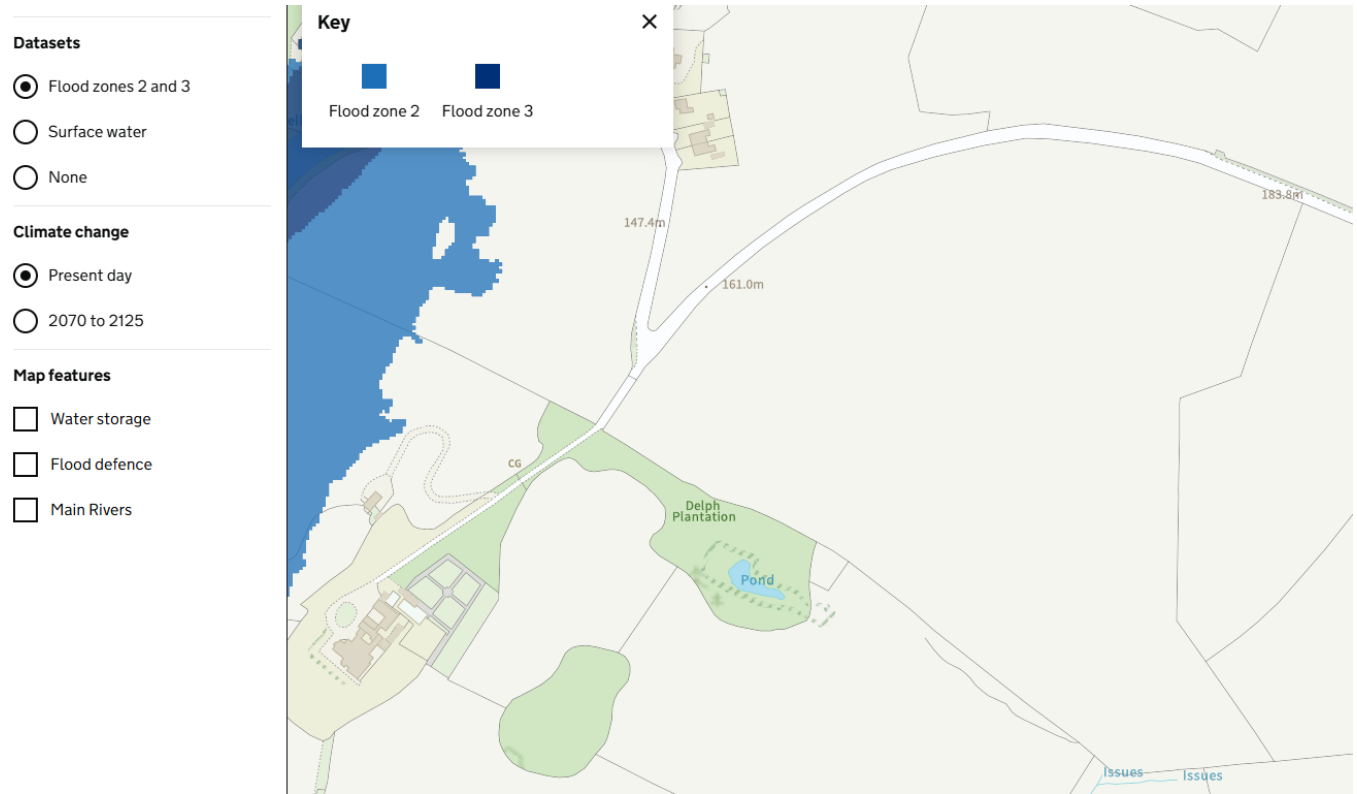
The likelihood of flooding to 20cm is very low.

The Hodder Valley Show will occupy the site for a maximum of 7 days (set up to disembark). The risk of vehicles associated with the Show and agricultural operations is insignificant.

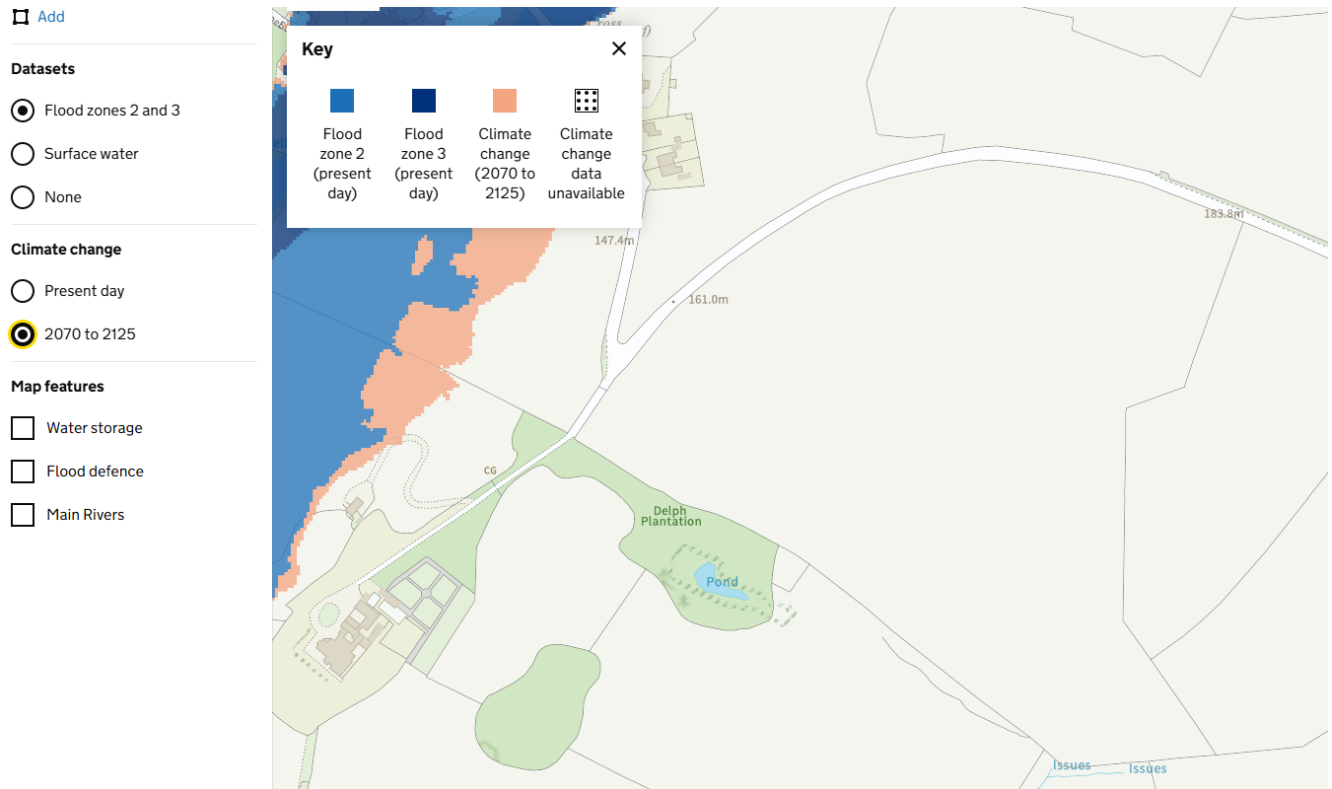
The surface water flood risk is negligible.



Appendix A

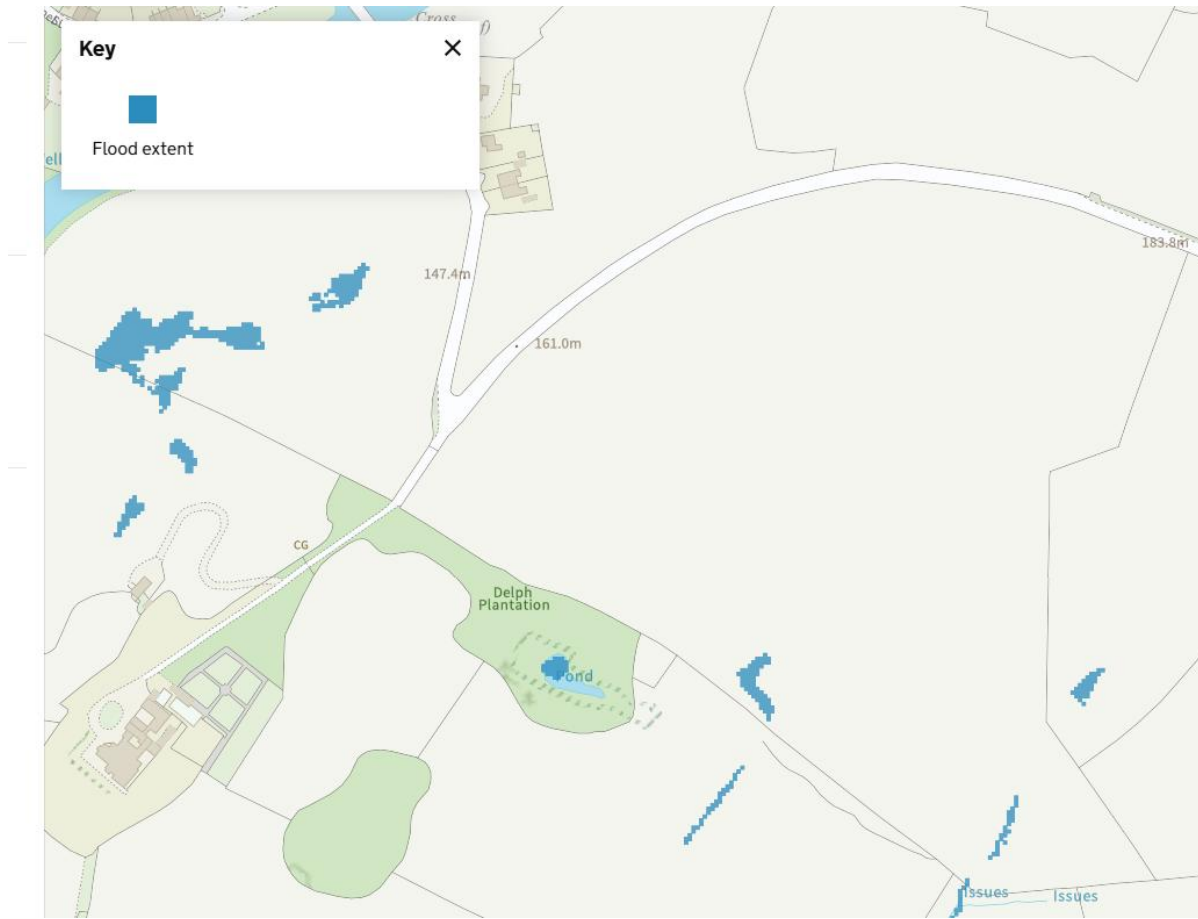


Flood Zone 1 – Present Day

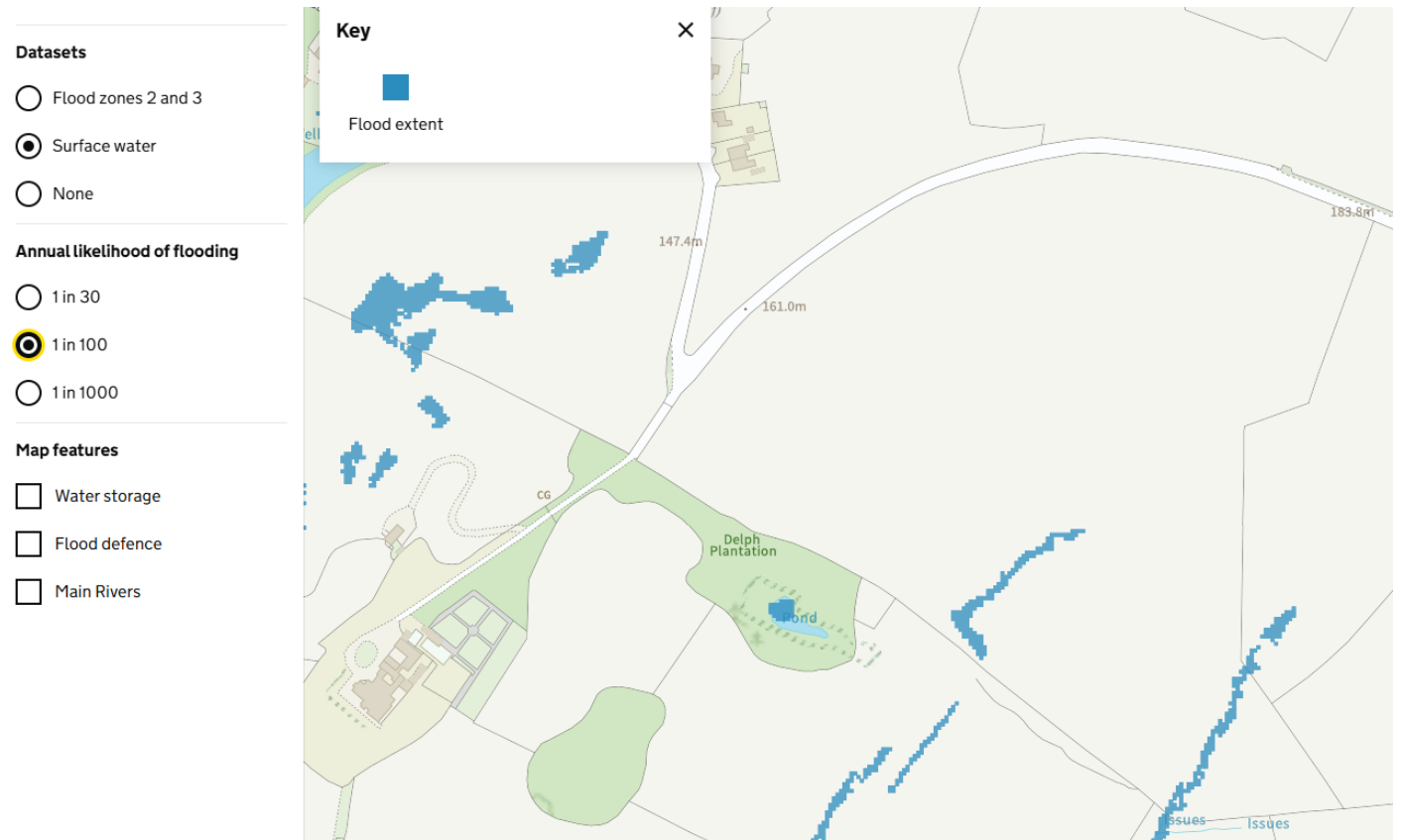


Climate change 2070- 2125

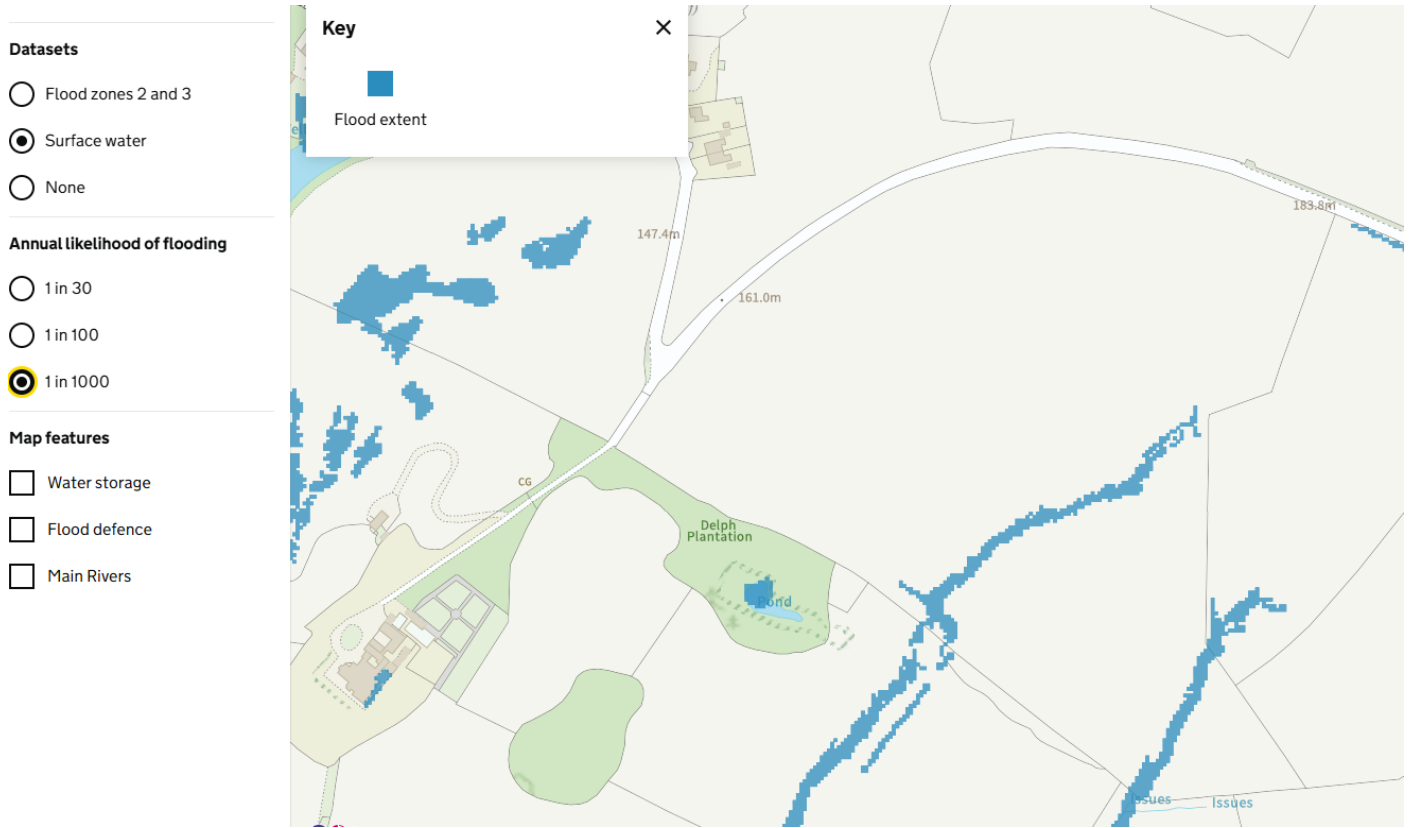
Surface Water Flood Extent



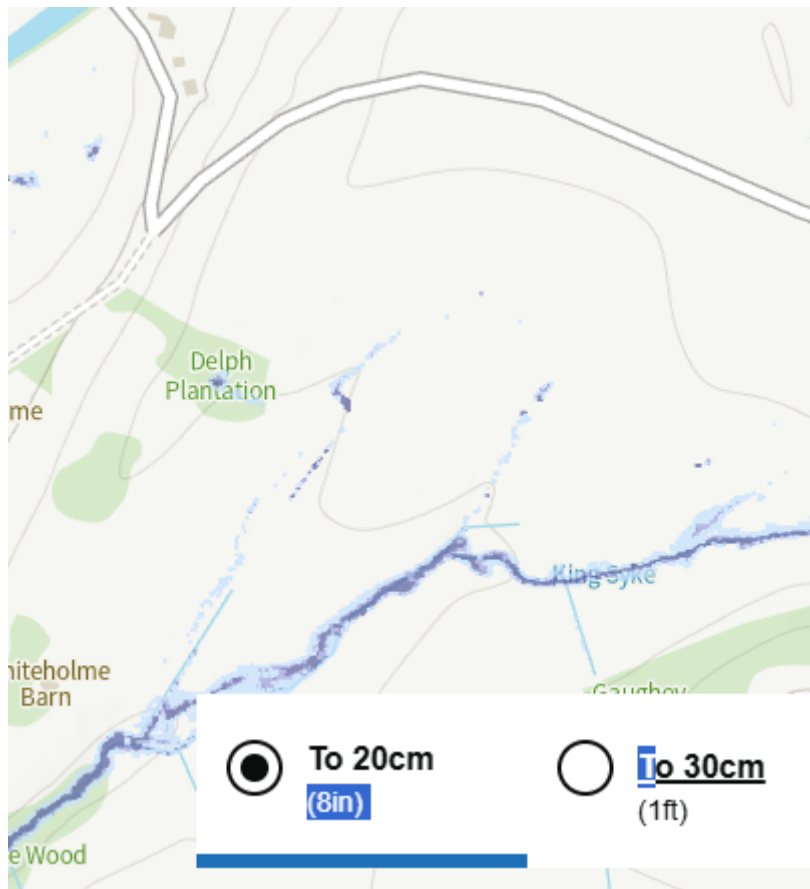
Annual likelihood of flooding 1 in 30



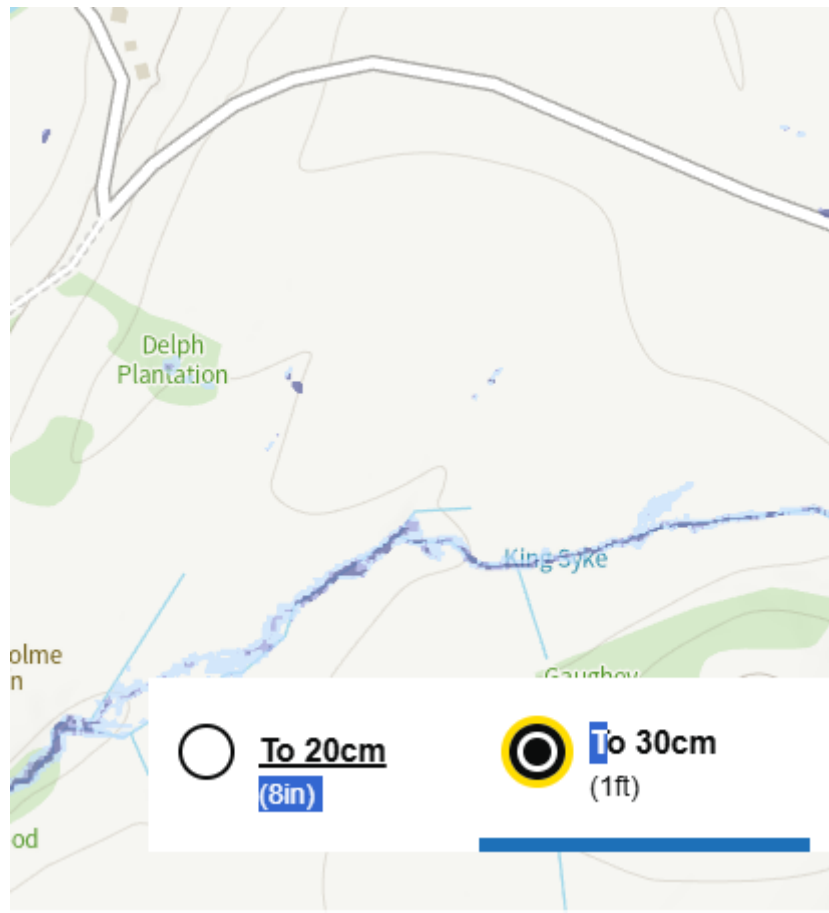
Annual likelihood of flooding 1 in 100



Annual likelihood of flooding 1 – in 1000



Yearly chance of flooding to 20cm between 2040 and 2060



Yearly chance of flooding to 30cm between 2040 and 2060