Tree planting for Flood Alleviation. Bothenhampton CP

Scale @A3   1:15,000

0   500   1,000 m

Dorset
Area of Outstanding
Natural Beauty

BRIDPORT
TOWN
COUNCIL

This map shows where it would be most beneficial to plant trees for water resilience

A composite map has been created from 3 inputs as follows:

input 1) Where the flooding "service" is already being delivered.

This was created from intersecting the 0.1% surface water flood map from the EA with the woodland categories 'Broadleaved woodland', 'Coniferous plantation', 'Mixed woodland', 'Wet woodland' from the existing habitat layer.
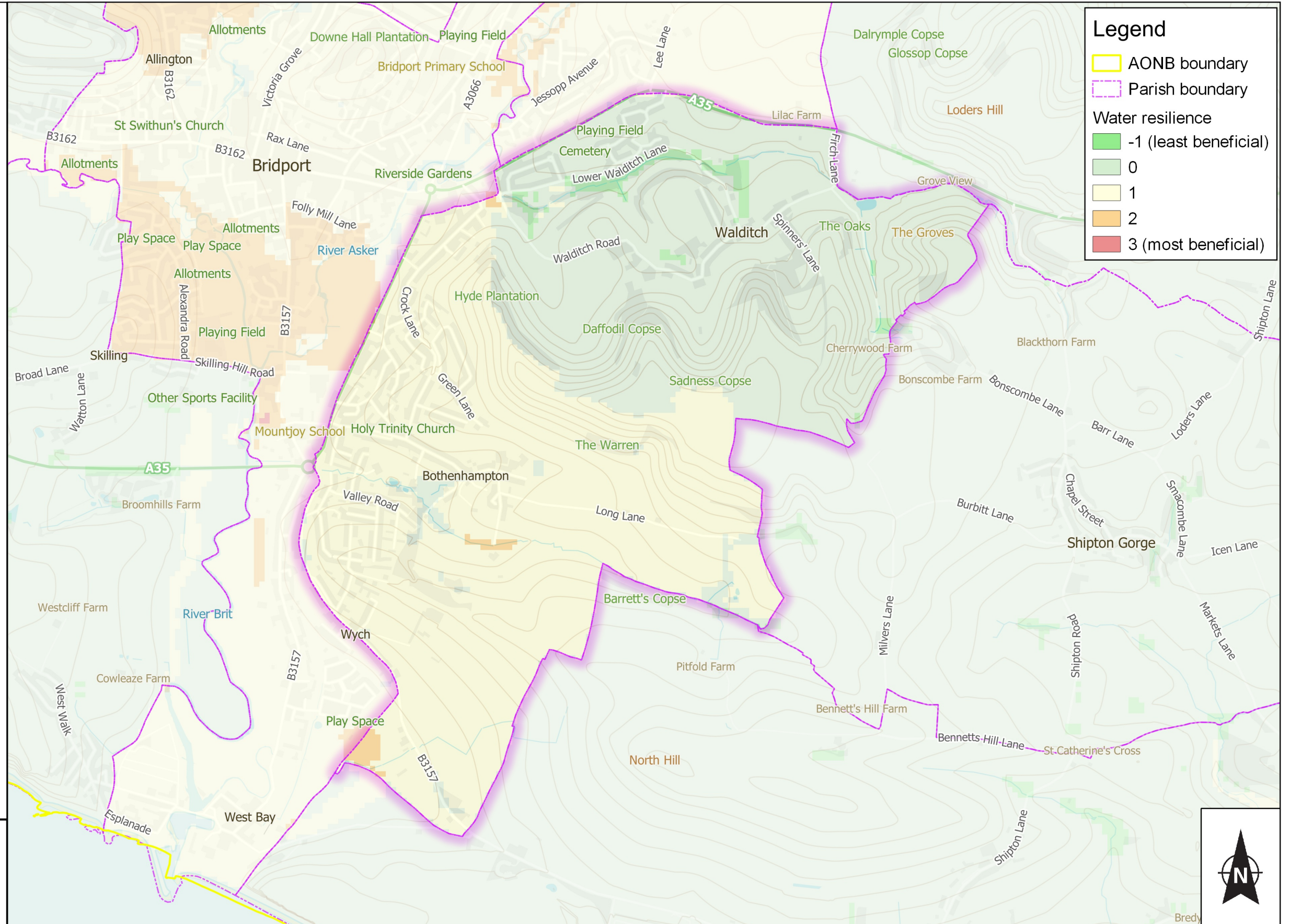
input 2) Where there is greatest risk of flooding according to the Neighbourhood Flood Vulnerability Risk (NFVI) dataset.

This data was downloaded from https://www.climatejust.org.uk/mapping/#data and re-mapped to water body catchment boundaries from the EA. Catchments were given a 0, 1 or 2 ranking (with 2 being the greatest risk) based on the highest NFVI score overlapping that catchment, so where part of a catchment contained the highest risk, the entire catchment was given that risk.

Input 3) Where there is greatest opportunity for woodland planting to benefit flood risk

This layer has been created by the FC / EA and was downloaded and clipped to the AONB

This map: The final map is derived from the greatest risk (input 2) minus where the service is already delivered (input 1) plus where there is most benefit to planting for flood alleviation (input 3).

Legend

- AONB boundary
- Parish boundary

Water resilience

- -1 (least beneficial)
- 0
- 1
- 2
- 3 (most beneficial)