**Feature layers and weightings used in map creation**

See methodology notes for further details.

|  |  |  |
| --- | --- | --- |
| **Dominant landcover type** | **Type of data** | **Weighting** |
| Coniferous woodland | Presence / Absence | Excludes |
| Deciduous woodland | Presence / Absence | Excludes |
| Scrub and other woodland | Presence / Absence | Excludes |
| Traditional orchard | Presence / Absence | Excludes |
| Woodland pasture | Presence / Absence | Excludes |
| Seminatural grassland | Presence / Absence | 0 |
| Acid grassland | Presence / Absence | 0 |
| Lowland dry acid grassland | Presence / Absence | Excludes |
| Calcareous grassland | Presence / Absence | Excludes |
| Neutral grassland | Presence / Absence | Excludes |
| Meadows upland and lowland | Presence / Absence | Excludes |
| Grazing marsh pasture | Presence / Absence | Excludes |
| Maritime grassland | Presence / Absence | Excludes |
| Fen Marsh | Presence / Absence | Excludes |
| Reedbeds | Presence / Absence | Excludes |
| Fens upland and lowland | Presence / Absence | Excludes |
| Purple moor grass | Presence / Absence | Excludes |
| Dwarf Shrub Heath Bog | Presence / Absence | 0 |
| Blanket bog | Presence / Absence | Excludes |
| Bracken | Presence / Absence | Excludes |
| Heathland upland and lowland | Presence / Absence | Excludes |
| Inland rock | Presence / Absence | Excludes |
| Calaminarian grassland | Presence / Absence | Excludes |
| Quarry | Presence / Absence | Excludes |
| Open mosaic | Presence / Absence | Excludes |
| Supralittoral rock | Presence / Absence | Excludes |
| Maritime cliff and slope | Presence / Absence | Excludes |
| Littoral rock priority | Presence / Absence | Excludes |
| Littoral rock | Presence / Absence | Excludes |
| Supralittoral sediment | Presence / Absence | Excludes |
| Coastal sand dunes | Presence / Absence | Excludes |
| Coastal vegetated shingle | Presence / Absence | Excludes |
| Littoral sediment | Presence / Absence | Excludes |
| Saltmarsh | Presence / Absence | Excludes |
| Intertidal mudflats | Presence / Absence | Excludes |
| Sheltered muddy gravels | Presence / Absence | Excludes |
| Blue mussel beds | Presence / Absence | Excludes |
| Saltwater | Presence / Absence | Excludes |
| Saline lagoons | Presence / Absence | Excludes |
| Freshwater | Presence / Absence | Excludes |
| River or stream | Presence / Absence | 0 |
| Standing freshwater | Presence / Absence | Excludes |
| Arable | Presence / Absence | 0 |
| Improved grassland | Presence / Absence | 0 |
| Builtup | Presence / Absence | Excludes |
| Suburban | Presence / Absence | Excludes |
| Urban | Presence / Absence | Excludes |
| **Land features / linear habitats** | **Type of data** | **Weighting** |
| Hedges | Total length | 0 |
| Open rivers | Scaled by catchment quality | 0 |
| A roads | Presence / Absence | 0 |
| B roads | Presence / Absence | 0 |
| Dual carriageway roads | Presence / Absence | 0 |
| Minor roads | Presence / Absence | 0 |
| Railways | Presence / Absence | -1 |
| Building cover percentage | Scaled 0:100 | -5 |
| Doorstep greens | Presence / Absence | 0 |
| Parks and Gardens | Presence / Absence | 0 |
| Golf courses | Presence / Absence | -1 |
| Playing field | Presence / Absence | -1 |
| China claypit area | Presence / Absence | Excludes |
| **Biodiversity designations** | **Type of data** | **Weighting** |
| Ancient woodlands | Presence / Absence | Excludes |
| High level stewardship | Presence / Absence | 0 |
| Organic stewardship | Presence / Absence | 0 |
| Plantlife designated area | Presence / Absence | Excludes |
| RSPB reserve | Presence / Absence | Excludes |
| County wildlife site | Presence / Absence | Excludes |
| Non-dominant priority habitats | Presence / Absence | Excludes |
| Any statutory protected areas  (SSSI, SPA, SAC, national or local nature reserve) | Presence / Absence | Excludes |
| AONB | Presence / Absence | 0 |
| Moorline | Presence / Absence | Excludes |
| World heritage area | Presence / Absence | -1 |
| Heritage coast | Presence / Absence | 0 |
| Allocation zones | Presence / Absence | 0 |
| **Ecosystem Services** | **Type of data** | **Weighting** |
| Water quality service for aquaculture | Scaled 0:100 | 1 |
| Water quality service for bathing waters | Scaled 0:100 | 1 |
| Water quality service for drinking water | Scaled 0:100 | 1 |
| Water quality service for other catchments | Scaled 0:100 | 1 |
| Flood mitigation service | Scaled 0:100 | 2 |
| Soil loss mitigation service | Scaled 0:100 | 1 |
| Soil carbon stock (top layer) | Scaled 0:100 | 0 |
| Air pollution mitigation service | Scaled 0:100 | 1 |
| **Topography** | **Type of data** | **Weighting** |
| Elevation | Metres elevation | 0 |
| North facing aspect | Presence / Absence | 0 |
| South facing aspect | Presence / Absence | 0 |
| Medium slope | Presence / Absence |  |
| Steep slope | Presence / Absence |  |
| High wind frequency | Presence / Absence | -1 |
| **Soil** | **Type of data** | **Weighting** |
| Peaty soils | Two classes | -2 |
| landform\_saltsoil |  |  |
| landform\_peatsoil |  |  |
| landform\_acidsoil |  |  |
| landform\_sandsoil |  |  |
| Agricultural grade 1 land | Presence / Absence | 0 |
| Agricultural grade 2 land | Presence / Absence | 0 |
| Agricultural grade 3 land | Presence / Absence | 0 |
| Agricultural grade 4 land | Presence / Absence | 0 |
| Agricultural grade 5 land | Presence / Absence | 0 |
| **Heritage** | **Type of data** | **Weighting** |
| Battlefield | Presence / Absence | 0 |
| Scheduled monument | Presence / Absence | 0 |
| Heritage coast | Presence / Absence | 0 |