

ITE Land Classification of Great Britain (2007)
Dataset Documentation

ITE Land Classification of Great Britain (2007)

Document Version: 1: 7-9-2012

Countryside Survey data © NERC - Centre for Ecology & Hydrology

ITE_LandClass2007 file details:

- *Format: Shapefile*
- *File contains 45 areas of Great Britain, stratified using environmental characteristics such as climate, altitude and slope. Each area is known as a Land Class. Land Class descriptions are listed below.*

Columns:

LC2007 - ITE Land Class Number (2007)

LC2007_COD - ITE Land Class Code (2007)

Resolution	1km
Coordinate system	British National Grid
Projection	Transverse Mercator
Extent	Great Britain
Projection	British National Grid OSGB1936

Further reading:

- Barr, C.J. (1998) **The Sampling Strategy for Countryside Survey** DETR CONTRACT No. CR0212. *Revised by Wood, C.M. (2011) as **The Sampling Strategy for Countryside Survey (up to 2007)** (supplied as supporting documentation)*
- Benefield, C. B.; Bunce, R. G. H.. 1982 **A preliminary visual presentation of land classes in Britain**.Grange-over-Sands, Institute of Terrestrial Ecology, 39pp. (Merlewood Research and Development Paper No.91) *(supplied as supporting documentation)*
- Bunce,R.G.H., Howard,D.C., Clarke,R.T. & Lane,M.. 1991. **ITE Land Classification: classification of all 1km squares in GB**. Department of the Environment. *(supplied as supporting documentation)*
- Bunce, R.G.H., Barr, C.J., Clarke, R.T., Howard, D.C. & Lane, A.M.J. (1996a) **ITE Merlewood Land Classification of Great Britain**. Journal of Biogeography, 23, 625-634.
- Bunce, R.G.H., Barr, C.J., Clarke, R.T., Howard, D.C. & Lane, A.M.J. (1996b) **Land classification for strategic ecological survey**. Journal of Environmental Management, 47, 37-60.
- Howard, D.C., Barr, C.J. & Scott, W.A. (1998) **The validity of using Countryside Survey sample data from Great Britain to estimate land cover in Scotland**. Journal of Environmental Management, 52, 131-146.
- Clarke,R.T.,Howard,D.C. & Scott,W.A. 2006. **Countryside Survey: Sampling for Wales-only Reporting**. CS2007 Preparation Phase ii.

Summary names for the 45 land classes (2007 version)

<i>No.</i>	<i>Code</i>	England
1	1e	Flood plains/shallow valleys, S England
2	2e	Low calcareous hills/variable lowlands, S England
3	3e	Flat/gently undulating plains, E Anglia/S England
4	4e	Flat coastal plains, E Anglia/S England
5	5e	Shallow slopes/flood plains, S-W England
6	6e	Complex valley systems/table lands, S-W England
7	7e	Sea cliffs/hard coast, England
8	8e	Estuarine/soft coast/tidal rivers, England
9	9e	Almost flat plains, N Midlands, NE England
10	10e	Gently rolling/almost flat plains, NE England/N Midlands
11	11e	Flat plains/small river floodplains, E Midlands
12	12e	Large river floodplains, flat plains, margins, E Anglia
13	13e	Coastal plains/gently rolling low hills, NW England
14	15e	Flat river valleys/lower hill slopes, NW England
15	16e	Gently rolling low hills/flat river valleys, NW England
16	17e	Upland valleys/rounded hill sides, England
20	18e	Upland valley sides/low mountains, N England
21	19e	Upland valleys/plateaux, N England
21	22e	Intermediate mountain tops/broad ridges, N England
23	23e	High mountain summits/ridges, N England
24	25e	Flat/gently undulating river valleys, N England
Scotland		
25	7s	Hard/mixed coasts, S-W Scotland
26	13s	Coastal plains/soft coasts, S-W Scotland
27	18s	Isolated hills/mountain summits, W Scotland
28	19s	Upland valleys/low mountains, S Scotland
29	21s	Low mountain slopes/upper river valleys, Highlands
30	22s	Round mountains/broad upper ridges, S Scotland/Highlands
31	23s	High mountain summits/ridges/valleys, Highlands
32	24s	Steep valley sides/intermediate mountain tops, W Highlands
33	25s	Undulating plains/gently sloping valleys, E Scotland
34	26s	Flat plains/gently sloping lowlands, central & S Scotland
35	27s	Low hills/undulating lowlands, Scotland except W
36	28s	Shallow valleys/low hill plateaux, throughout Scotland
37	29s	Inner rocky/mixed coasts/complex topography, W Scotland
38	30s	Outer rocky/mixed coasts/low hills, W Scotland/Islands
39	31s	Rocky/mixed coasts/low hills, N Scotland/Islands
40	32s	Shallow hills/complex coastlines, N Scotland/Islands

Wales

- | | | |
|-----------|------|---|
| 17 | 17w1 | Low mountain ridges/valley slopes, N Wales |
| 18 | 17w2 | Rounded mountains/scarps/upper valleys, mid/S Wales |
| 19 | 17w3 | Variable landforms of hills/low mountain, Wales |
| 41 | 5w | Shallow slopes/flood plains, Wales |
| 42 | 6w | Complex valley systems/table lands, Wales |
| 43 | 7w | Sea cliffs/hard coast, Wales |
| 44 | 15w | Flat river valleys/lower hill slopes, Wales |
| 45 | 18w | Upland valley sides/low mountains, Wales |