

ITE Land Classification of Great Britain (1998)  
Dataset Documentation

**ITE Land Classification of Great Britain (1998)**

Document Version: 1: 7-9-2012

Countryside Survey data © NERC - Centre for Ecology & Hydrology

**ITE\_LandClass1998 file details:**

- *Format: Shapefile*
- *File contains 40 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:**

LC1998 - ITE Land Class Number (1998)

LC1998\_COD - ITE Land Class Code (1998)

Resolution	<b>1km</b>
Coordinate system	<b>British National Grid</b>
Projection	<b>Transverse Mercator</b>
Extent	<b>Great Britain</b>
Projection	<b>British National Grid OSGB1936</b>

**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 40 land classes (1998 version)

### England/Wales

<b>1</b>	1e	Flood plains/shallow valleys, S England
<b>2</b>	2e	Low calcareous hills/variable lowlands, S England
<b>3</b>	3e	Flat/gently undulating plains, E Anglia/S England
<b>4</b>	4e	Flat coastal plains, E Anglia/S England
<b>5</b>	5e	Shallow slopes/flood plains, S-W England/Wales
<b>6</b>	6e	Complex valley systems/table lands, S-W England/Wales
<b>7</b>	7e	Sea cliffs/hard coast, England/Wales
<b>8</b>	8e	Estuarine/soft coast/tidal rivers, England/Wales
<b>9</b>	9e	Almost flat plains, N Midlands, NE England
<b>10</b>	10e	Gently rolling/almost flat plains, NE England/N Midlands
<b>11</b>	11e	Flat plains/small river floodplains, E Midlands
<b>12</b>	12e	Large river floodplains, flat plains, margins, E Anglia
<b>13</b>	13e	Coastal plains/gently rolling low hills, NW England
<b>14</b>	15e	Flat river valleys/lower hill slopes, NW England/Wales
<b>15</b>	16e	Gently rolling low hills/flat river valleys, NW England
<b>16</b>	17e	Upland valleys/rounded hill sides, England
<b>17</b>	17w1	Low mountain ridges/valley slopes, N Wales
<b>18</b>	17w2	Rounded mountains/scarps/upper valleys, mid/S Wales
<b>19</b>	17w3	Variable landforms of hills/low mountain, Wales
<b>20</b>	18e	Upland valley sides/low mountains, N England/Wales
<b>21</b>	19e	Upland valleys/plateaux, N England
<b>22</b>	22e	Intermediate mountain tops/broad ridges, N England
<b>23</b>	23e	High mountain summits/ridges, N England/Wales
<b>24</b>	25e	Flat/gently undulating river valleys, N England

### Scotland

<b>25</b>	7s	Hard/mixed coasts, S-W Scotland
<b>26</b>	13s	Coastal plains/soft coasts, S-W Scotland
<b>27</b>	18s	Isolated hills/mountain summits, W Scotland
<b>28</b>	19s	Upland valleys/low mountains, S Scotland
<b>29</b>	21s	Low mountain slopes/upper river valleys, Highlands
<b>30</b>	22s	Round mountains/broad upper ridges, S Scotland/Highlands
<b>31</b>	23s	High mountain summits/ridges/valleys, Highlands
<b>32</b>	24s	Steep valley sides/intermediate mountain tops, W Highlands
<b>33</b>	25s	Undulating plains/gently sloping valleys, E Scotland
<b>34</b>	26s	Flat plains/gently sloping lowlands, central & S Scotland
<b>35</b>	27s	Low hills/undulating lowlands, Scotland except W
<b>36</b>	28s	Shallow valleys/low hill plateaux, throughout Scotland
<b>37</b>	29s	Inner rocky/mixed coasts/complex topography, W Scotland
<b>38</b>	30s	Outer rocky/mixed coasts/low hills, W Scotland/Islands
<b>39</b>	31s	Rocky/mixed coasts/low hills, N Scotland/Islands
<b>40</b>	32s	Shallow hills/complex coastlines, N Scotland/Islands