

Version of metadata view style: 2.1

**Title:**

NATIONAL FOREST ESTATE SOIL (England)

**Data format(s):**

Shapefile [version = ""]

**Spatial reference system:**

Great Britain National Grid

**Theme keywords:**

Soil, Soils

**Location(s):**

[http://mapgateway.snh.gov.uk/ServicesWMS/FCS\\_National\\_Forest\\_Estate/MapServer/WMSServer?](http://mapgateway.snh.gov.uk/ServicesWMS/FCS_National_Forest_Estate/MapServer/WMSServer?), <http://www.forestry.gov.uk/datadownload>

**Abstract:**

*The vector dataset provides detailed (1:10,000) soil type information for part of the Public Forest Estate in England.*

*The main Soil Groups are given and for most polygons, a lower level of Soil Type is also provided. Additionally, for each spatially map*

*The Forestry Commission (FC) soil classification system, listed by Pyatt (1982), is the one most commonly used in forest soil survey wo*

**FC Soil Codes**

Code	Group	Type
1	Brown Earth	Typical brown earth
1d	Brown Earth	Basic brown earth
1u	Brown Earth	Upland brown earth
1z	Brown Earth	Podzolic brown earth
2	Man-made Soil	
2s	Man-made Soil	Mining spoil coarse texture
2m	Man-made Soil	Mining spoil fine texture
3	Podzol	Typical podzol
3m	Podzol	Hardpan podzol
4	Ironpan Soil	Typical ironpan soil
4z	Ironpan Soil	Podzolic ironpan soil
4b	Ironpan Soil	Intergrade ironpan soil
5	Ground-water Gley	Typical ground-water gley
5b	Ground-water Gley	Brown ground-water gley
6	Peaty Surface-water Gley	Typical peaty surface-water gley
6z	Peaty Surface-water Gley	Podzolic peaty surface-water gley
7	Surface-water Gley	Typical surface-water gley
7b	Surface-water Gley	Brown surface-water gley
7z	Surface-water Gley	Podzolic surface-water gley
8	Basin Bog	
8a	Basin Bog	Phragmites bog
8b	Basin Bog	Juncus articulatus or acutiflorus bog
8c	Basin Bog	Juncus effusus bog
8d	Basin Bog	Carex bog
9	Flushed Blanket Bog	
9a	Flushed Blanket Bog	Molinia-Myrica-Salix bog
9b	Flushed Blanket Bog	Tussocky Molinia-Calluna bog
9c	Flushed Blanket Bog	Tussocky Molinia-Eriophorum bog
9d	Flushed Blanket Bog	Non-tussocky Molinia-Eriophorum-Trichophorum bog
9e	Flushed Blanket Bog	Trichophorum-Calluna-Eriophorum-Molinia bog
10	Flat or Raised Bogs	
10a	Flat or Raised Bogs	Lowland Sphagnum bog
10b	Flat or Raised Bogs	Upland Sphagnum bog
11	Unflushed Blanket Bog	
11a	Unflushed Blanket Bog	Calluna blanket bog
11b	Unflushed Blanket Bog	Calluna-Eriophorum blanket bog
11c	Unflushed Blanket Bog	Trichophorum-Calluna blanket bog
11d	Unflushed Blanket Bog	Eriophorum blanket bog
12	Calcareous Soil	See additional Phase information
12a	Calcareous Soil	Rendzina
12b	Calcareous Soil	Calcareous brown earth
12t	Calcareous Soil	Argillic brown earth
13	Skeletal Soil	
13c	Skeletal Soil	Ranker complex
13b	Skeletal Soil	Brown ranker
13g	Skeletal Soil	Gley ranker
13p	Skeletal Soil	Peaty ranker
13z	Skeletal Soil	Podzolic ranker
13r	Skeletal Soil	Rock
13s	Skeletal Soil	Scree
14	Eroded Bog	Shallow hagged eroded bog
14h	Eroded Bog	Deeply hagged erroded bog
14w	Eroded Bog	Pooled eroded bog
15	Littoral Soil	
15d	Littoral Soil	Dunes
15e	Littoral Soil	Sand with deep water-table
15g	Littoral Soil	Sand with shallow water-table
15i	Littoral Soil	Sand with moderatley deep water-table
15s	Littoral Soil	Shingle
15w	Littoral Soil	Sand with very shallow water-table
VC	Valley Complex	Valley complex

**Metadata contents:**

- [Metadata information](#)
- [Dataset Identification](#)
- [Reference System Information](#)
- [Data Quality Information](#)
- [Distribution Information](#)

**Metadata Information:**

**Metadata language:** [33] English [English]

**Resource type:** [39] dataset

**Metadata date:** [30] 2014-04-04

**Metadata contact(s): [35]**

- Individual's name:** Mapping & GeoData  
**Organisation's name:** Forestry Commission  
**Contact's position:** Inventory, Forecasting & Operational Support Unit, Corporate & Forestry Support  
**Role:** Point of contact  
**Voice number:** 0131-334-0303  
**Delivery point:** 231 Corstorphine Road  
**City:** Edinburgh  
**Administrative area:** Scotland  
**Postal code:** EH12 7AT  
**Country:** United Kingdom of Great Britain & N. Ireland  
**E-mail address:** mapping.geodata@forestry.gsi.gov.uk

[Back to Top](#)


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**Dataset Identification:****Title:** [1] NATIONAL FOREST ESTATE SOIL (England)**Resource language(s): [3]**

English [English]

**Abstract:** [4]

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15i	Littoral Soil	Sand with moderately deep water-table
15s	Littoral Soil	Shingle
15w	Littoral Soil	Sand with very shallow water-table
VC	Valley Complex	Valley complex

**Dataset reference date:** [8]**Publication date:** 2014-04-04**Creation date:** 2014-04-04**Revision date:** 2014-04-04

**Unique resource identifier [36]****Code:** NATIONAL FOREST ESTATE SOIL (England)**Theme keywords: [6]**

- Title:** FC Metadata Keywords  
**Revision date:** 2010-08-23  
**Keyword(s):** Soil, Soils

**Frequency of update: [24]** Irregular**Limitations on public access: [25]**

Copyright, License

**Use constraints: [26]**

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**Spatial resolution: [18]** 1**Equivalent scale: [43]** 1000**Responsible organisation(s): [23]**

- Individual's name:** Mapping & GeoData  
**Organisation's name:** Forestry Commission  
**Contact's position:** Inventory, Forecasting & Operational Support Unit, Corporate & Forestry Support  
**Role:** Point of contact  
**Voice number:** 0131-334-0303  
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**E-mail address:** [mapping.geodata@forestry.gsi.gov.uk](mailto:mapping.geodata@forestry.gsi.gov.uk)

**Topic category: [5]** biota, geoscientificInformation**North bounding latitude: [13]** 55.81170**South bounding latitude: [14]** 49.95540**West bounding longitude: [11]** -5.71709**East bounding longitude: [12]** -1.76896**Extent(s): [15]**

- Identifier:** England

**Temporal extent: [7]****Beginning date:** 1950-04-01**Ending date:**  
missing**Vertical extent: [16]****Minimum value:** -100000.00**Maximum value:** 900719825474.10**Vertical datum:**  
missing[Back to Top](#)**Reference System Information:****Spatial reference system: [17]** Great Britain National Grid[Back to Top](#)**Data Quality Information:****Lineage: [10]**

Soil data has been mapped by the Forestry Commission (FC) since the 1950s. A number of soil classifications were used before FC settled on the current classification, Pyatt (1982), as described in the abstract. All maps were collated, scanned and then digitised. The age of some of the maps presented problems in terms of physical decay and interpretation. As part of the exercise maps with older classifications were reinterpreted to conform to the current standard. This data is now been made available in GIS to Forestry Commission and Natural Resources Wales staff across GB. It is now managed in such a way that it can be updated as and when new surveys are carried out. The final process has been to create this 'soil product', the aim being to publish the data in a form that is readily understood by anyone with soil expertise.

[Back to Top](#)**Distribution Information:****Data format(s): [21]**

- Shapefile

**Resource locator(s): [19]**[http://mapgateway.snh.gov.uk/ServicesWMS/FCS\\_National\\_Forest\\_Estate/MapServer/WMSServer?](http://mapgateway.snh.gov.uk/ServicesWMS/FCS_National_Forest_Estate/MapServer/WMSServer?)<http://www.forestry.gov.uk/datadownload>[Back to Top](#)