



THE ATLAS OF RURAL SETTLEMENT IN ENGLAND GIS

Data Dictionary

Andrew G Lowerre

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please contact our Customer Services department:

Telephone: 0870 333 1181

Textphone: 01793 414878

E-mail: customers@english-heritage.org.uk

INTRODUCTION

The following is a data dictionary for the shapefiles and KMZ files making up the Atlas of Rural Settlement in England GIS data collection, describing the attributes stored with the spatial data.

This data dictionary conforms to the specification in *Guidance Note on using ArcGIS 9.1 to provide UK GEMINI 1.0 metadata for English Heritage* produced by English Heritage's Corporate GIS Team (English Heritage 2008).

UK GEMINI version 2.1-compliant metadata for each shapefile and KMZ file can be found in the *.xml files stored in the same directories as the individual shapefiles and KMZ files.

TERRAIN TYPE

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature (Polygon)
Shape_Leng	Perimeter	Perimeter of each feature in metres
Shape_Area	Area	Area of each feature in square metres
T_TYPE	Terrain Type	Type of terrain, i.e., Uplands, Intermediate Lands or Lowlands
T_TYPEDSC	Type Description	Description of Terrain Type

TERRAIN ZONES

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature (Polygon)
Shape_Leng	Perimeter	Perimeter of each feature in metres
Shape_Area	Area	Area of each feature in square metres
T_TYPE	Terrain Type	Type of terrain, i.e., Uplands, Intermediate Lands or Lowlands
T_TYPEDSC	Type Description	Description of Terrain Type
T_ZONEGRP	Terrain Zone Group	Group (if any) to which multiple Terrain Zones belong
T_ZONE	Terrain Zone	Terrain Zones, subdivisions within each Terrain Type
T_ZONEDSC	Zone Description	Description of Terrain Zone

TERRAIN ESCARPMENTS

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature (Polyline)
Shape_Leng	Length	Length of each feature in metres

SETTLEMENT PROVINCES

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature (Polygon)
Shape_Leng	Perimeter	Perimeter of each feature in metres
Shape_Area	Area	Area of each feature in square metres
PROVINCE	Province	Name of one of the three contrasting settlement provinces

SETTLEMENT SUBPROVINCES

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature (Polygon)
Shape_Leng	Perimeter	Perimeter of each feature in metres
Shape_Area	Area	Area of each feature in square metres
PROVINCE	Province	Name of one of the three contrasting settlement regions
SUB_PROV	Sub-Province	Name of the smaller area within a settlement Province
SUB_PROV_C	Sub-Province Code	Alphabetic code for each Sub-Province

SETTLEMENT LOCAL REGIONS

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature (Polygon)
Shape_Leng	Perimeter	Perimeter of each feature in metres
Shape_Area	Area	Area of each feature in square metres
PROVINCE	Province	Name of one of the three contrasting settlement regions
SUB_PROV	Sub-Province	Name of the smaller area within a settlement Province
SUB_PROV_C	Sub-Province Code	Alphabetic code for each Sub-Province
LOC_REG	Local Region	Name of local settlement region

Field Name	Suitable Alias	Description
LOC_REG_C	Local Region Code	Alphanumeric code for each Local Region
DISPERSION	Dispersion	Textual description of the density of dispersed settlement

DISPERSION HAMLET SCORES

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature (Point)
DSP_SCR_A	Dispersion Score	The dispersion score recorded for each point, stored as text to allow 'range' values, eg '3-5'; scores are regularised to fit the Fibonacci sequence (1, 2, 3, 5, 8, 13, 21, 34)
DSP_SCR_N1	Dispersion Score Numeric High	The dispersion score recorded for each point, stored as a number; where 'range' values are recorded in DSP_SCR_A, the higher numeric value is recorded here
DSP_SCR_N2	Dispersion Score Numeric Medium	The dispersion score recorded for each point, stored as a number; where 'range' values are recorded in DSP_SCR_A, a median numeric value – rounded down to the nearest value in the Fibonacci sequence – is recorded here
DSP_SCR_N3	Dispersion Score Numeric Low	The dispersion score recorded for each point, stored as a number; where 'range' values are recorded in DSP_SCR_A, the lower numeric value is recorded here
HAM_CNT_A	Hamlet Count	The hamlet count recorded for each point, stored as text, with the count prefixed with the letter 'H', to give values such as 'H2'
HAM_CNT_N	Hamlet Count Numeric	The hamlet count recorded for each point, stored as a number
UNUSUAL	Unusual Score	A Yes/No value indicating whether a given point was picked out in the source material as having an unusually high dispersion score and/or hamlet count

NUCLEATIONS

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature (Point)
NUCLCAT_A	Nucleation Category Letter	Letter codes for categories of nucleations, from A (largest) to E (smallest)
NUCLCAT_N	Nucleation Category Numeric	Numeric codes corresponding to the letter codes for nucleations, from 5 (largest) to 1 (smallest)
NUCL_DSC	Nucleation Category Description	Description of each category of nucleation

ENGLAND WALES BACKGROUND

Field Name	Suitable Alias	Description
FID	Feature ID	Unique identifier for each feature
Shape	Shape	Geometry of each feature
Shape_Leng	Perimeter	Perimeter of each feature in metres
Shape_Area	Area	Area of each feature in square metres
COUNTRY	Country	The country (England or Wales) to which each feature belongs

REFERENCES

English Heritage 2008 *Guidance Note on Using ArcGIS 9.1 to Provide UK GEMINI 1.0 Metadata for English Heritage* [PDF document]. London: English Heritage.
 Retrieved 2008-01-30 from <http://intranet/upload/pdf/Gemini_guidance_note_-_final.pdf>