QUICK START GUIDE

THIS GUIDE RELATES TO THE FOLLOWING STYLESHEETS:

PRODUCT: OS OPENMAP LOCAL

DATA FORMAT: SHP

STYLESHEET FORMAT: STYLED LAYER DESCRIPTORS (SLD)

The stylesheets have been designed to work with the data as supplied.

1 Either fork the stylesheets on GitHub or download them and navigate to the directory that matches your data format, stylesheet format and style preference.

2 Copy the folder 'ordnance_survey' into your GeoServer styles directory (a typical Windows file path is C:\Program Files (x86)\GeoServer 2.x.x\data_dir\styles, if using a workspace then use the \data_dir\styles path from there.

2 Load your OS OpenMap Local data into GeoServer.

3 Add the styles. If using the GUI then navigate to Styles > Add a new style > Browse and select each file in turn.

4 Publish these styles with the data. If using the GUI then navigate to Layers > Add a new resource and choose from the relevant database. Click on publish, configure settings and then choose the matching style before saving.

5 To create OS Open Map-Local in GeoServer you will need to create a Layer Group. If using the GUI then navigate to Layer Groups > Add new layer group > Add Layer and choose each layer in turn to create the following layer order:

Layers

Add Layer...

Add Layer Group...

	Drawing order	Layer	Default Style	Style	Remove
1	↓	osgb:SU_Woodland		OML_Woodland_backdrop	
2	↑ ↓	osgb:SU_TidalWater		OML_Tidal Water_backdrop	
3	↑ ↓	osgb:SU_SurfaceWater_Area		OML_Surface Water Area_backdrop	
4	↑ ↓	osgb:SU_Foreshore		OML_Foreshore_backdrop	
5	↑ ↓	osgb:SU_Building		OML_Building_backdrop	
6	↑ ↓	osgb:SU_FunctionalSite		OML_Functional Site_backdrop	
7	↑ ↓	osgb:SU_ImportantBuilding		OML_Important Building_backdrop	
8	↑ ↓	osgb:SU_Glasshouse		OML_Glasshouse_backdrop	
9	↑ ↓	osgb:SU_Roundabout		OML_Roundabout_casing_backdrop	
10	↑ ↓	osgb:SU_TidalBoundary		OML_Tidal Boundary_backdrop	
11	↑ ↓	osgb:SU_SurfaceWater_Line		OML_Surface Water Line_backdrop	
12	↑ ↓	osgb:SU_RoadTunnel		OML_Road Tunnel_backdrop	
13	↑ ↓	osgb:SU_Road		OML_Roads_backdrop	
14	↑ ↓	osgb:SU_Roundabout2		OML_Roundabout_fill_backdrop	
15	↑ ↓	osgb:SU_RailwayTunnel		OML_Railway Tunnel_backdrop	
16	↑ ↓	osgb:SU_RailwayTrack		OML_Railway Track_backdrop	
17	↑ ↓	osgb:SU_ElectricityTransmissionLine		OML_ETL_backdrop	
18	↑ ↓	osgb:SU_RailwayStation		OML_Railway Station_backdrop	
19	↑ ↓	osgb:SU_MotorwayJunction		OML_Motorway Junction Number_backdrop	
20	↑	osgb:SU_NamedPlace		OML_Named Place_backdrop	

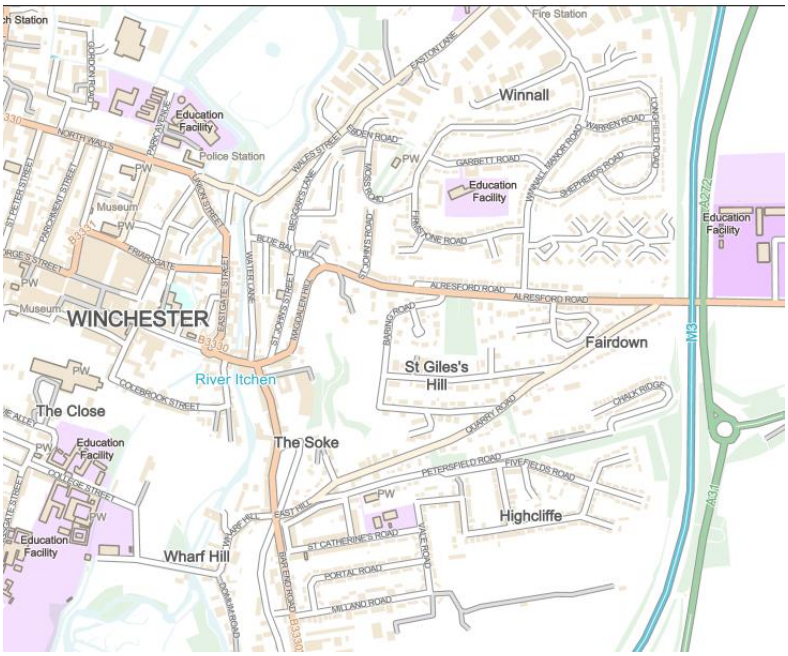
<< < 1 > >> Results 1 to 20 (out of 20 items)

The name of this Layer Group is the ‘layer’ your web map service (WMS) will need to call.

Although every feature is styled, for use as a general contextual map we have commented some of them out by default.

The scale denominators have been set to allow viewing between 1:1 000 and 1:15 000, although this will vary slightly by resolution.

Your map should look similar to this:



Compatibility notes

Although SLD is an open OGC standard, these SLDs do contain some extended code used by GeoServer, namely the ‘vendor option’ tags.

Additional information

More information about how to download, apply and edit our stylesheets including a Stylesheet user guide

More information about OS OpenMap Local

More information about cartographic design at Ordnance Survey

Licence

By using these stylesheets, you are accepting the terms of the Open Government Licence.