

QUICK START GUIDE

THIS GUIDE RELATES TO THE FOLLOWING STYLESHEETS:

PRODUCT: OS VECTORMAP® DISTRICT

DATA FORMAT: ESRI SHAPEFILE (SHP)

STYLESHEET FORMAT: GEOSERVER 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, is using a workspace then use the \data_dir\styles path from there).
- 3 Load your OS VectorMap District database into GeoServer.
- 4 **Add the styles.** If using the GUI then navigate to Styles > Add a new style > Browse and select to add each file in turn.
- 5 **Publish these styles with the data.** If using the GUI then navigate to Layers > Add a new resource and choose them from the relevant database to add each file in turn. Click on publish, configure settings and then choose the matching style before saving.

6 To create OS VectorMap District 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	opengeo:SK_TidalWater	<input type="checkbox"/>	TidalWater_Backdrop	
2	opengeo:SK_Foreshore	<input type="checkbox"/>	Foreshore_Backdrop	
3	opengeo:SK_Woodland	<input type="checkbox"/>	Woodland_Backdrop	
4	opengeo:SK_SurfaceWater_Area	<input type="checkbox"/>	SurfaceWater_Area_Backdrop	
5	opengeo:SK_Ornament	<input type="checkbox"/>	Ornament_Backdrop	
6	opengeo:SK_SurfaceWater_Line	<input type="checkbox"/>	SurfaceWater_Line_Backdrop	
7	opengeo:SK_TidalBoundary	<input type="checkbox"/>	TidalBoundary_Backdrop	
8	opengeo:SK_Building	<input type="checkbox"/>	Building_Backdrop	
9	opengeo:SK_Glasshouse	<input type="checkbox"/>	Glasshouse_Backdrop	
10	opengeo:SK_Roundabout	<input type="checkbox"/>	Roundabout_(Casing)_Backdrop	
11	opengeo:SK_Road	<input type="checkbox"/>	Road_(Level0)_Backdrop	
12	opengeo:SK_Roundabout	<input type="checkbox"/>	Roundabout_(Fill)_Backdrop	
13	opengeo:SK_Road	<input type="checkbox"/>	Road_(Levels1and2)_Backdrop	
14	opengeo:SK_RailwayTrack	<input type="checkbox"/>	RailwayTrack_Backdrop	
15	opengeo:SK_RoadTunnel	<input type="checkbox"/>	RoadTunnel_Backdrop	
16	opengeo:SK_RailwayTunnel	<input type="checkbox"/>	RailwayTunnel_Backdrop	
17	opengeo:SK_ElectricityTransmissionLine	<input type="checkbox"/>	ElectricityTransmissionLine_Backdrop	
18	opengeo:SK_AdministrativeBoundary	<input type="checkbox"/>	AdministrativeBoundary_Backdrop	
19	opengeo:SK_SpotHeight	<input type="checkbox"/>	SpotHeight_Backdrop	
20	opengeo:SK_NamedPlace	<input type="checkbox"/>	NamedPlace_Backdrop	
21	opengeo:SK_RailwayStation	<input type="checkbox"/>	RailwayStation_Backdrop	
22	opengeo:SK_MotorwayJunction	<input type="checkbox"/>	MotorwayJunction_Backdrop	
23	opengeo:SK_FunctionalSite	<input type="checkbox"/>	FunctionalSite_Backdrop	

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 1:7 000 and 1:25 000, 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 VectorMap District](#)

[More information about cartographic design at Ordnance Survey](#)

Licence

By using these stylesheets you are accepting the terms of the [Open Government Licence](#).