

QUICK START GUIDE

THIS GUIDE RELATES TO THE FOLLOWING STYLESHEETS:

PRODUCT: OS VECTORMAP® DISTRICT

DATA FORMAT: GML

STYLESHEET FORMAT: STYLED LAYER DESCRIPTORS (SLD)

The stylesheets have been designed to work with the data loaded into a database

- 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_FullColour	
2	opengeo:SK_Foreshore	<input type="checkbox"/>	Foreshore_FullColour	
3	opengeo:SK_Woodland	<input type="checkbox"/>	Woodland_FullColour	
4	opengeo:SK_SurfaceWater_Area	<input type="checkbox"/>	SurfaceWater_Area_FullColour	
5	opengeo:SK_Ornament	<input type="checkbox"/>	Ornament_FullColour	
6	opengeo:SK_SurfaceWater_Line	<input type="checkbox"/>	SurfaceWater_Line_FullColour	
7	opengeo:SK_TidalBoundary	<input type="checkbox"/>	TidalBoundary_FullColour	
8	opengeo:SK_Building	<input type="checkbox"/>	Building_FullColour	
9	opengeo:SK_Glasshouse	<input type="checkbox"/>	Glasshouse_FullColour	
10	opengeo:SK_Roundabout	<input type="checkbox"/>	Roundabout_(Casing)_FullColour	
11	opengeo:SK_Road	<input type="checkbox"/>	Road_(Level0)_FullColour	
12	opengeo:SK_Roundabout	<input type="checkbox"/>	Roundabout_(Fill)_FullColour	
13	opengeo:SK_Road	<input type="checkbox"/>	Road_(Levels1and2)_FullColour	
14	opengeo:SK_RailwayTrack	<input type="checkbox"/>	RailwayTrack_FullColour	
15	opengeo:SK_RoadTunnel	<input type="checkbox"/>	RoadTunnel_FullColour	
16	opengeo:SK_RailwayTunnel	<input type="checkbox"/>	RailwayTunnel_FullColour	
17	opengeo:SK_ElectricityTransmissionLine	<input type="checkbox"/>	ElectricityTransmissionLine_FullColour	
18	opengeo:SK_AdministrativeBoundary	<input type="checkbox"/>	AdministrativeBoundary_FullColour	
19	opengeo:SK_SpotHeight	<input type="checkbox"/>	SpotHeight_FullColour	
20	opengeo:SK_NamedPlace	<input type="checkbox"/>	NamedPlace_FullColour	
21	opengeo:SK_RailwayStation	<input type="checkbox"/>	RailwayStation_FullColour	
22	opengeo:SK_MotorwayJunction	<input type="checkbox"/>	MotorwayJunction_FullColour	
23	opengeo:SK_FunctionalSite	<input type="checkbox"/>	FunctionalSite_FullColour	

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. Also, as aforementioned, the field names referenced in the SLDs are in full and in lowercase.

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](#).