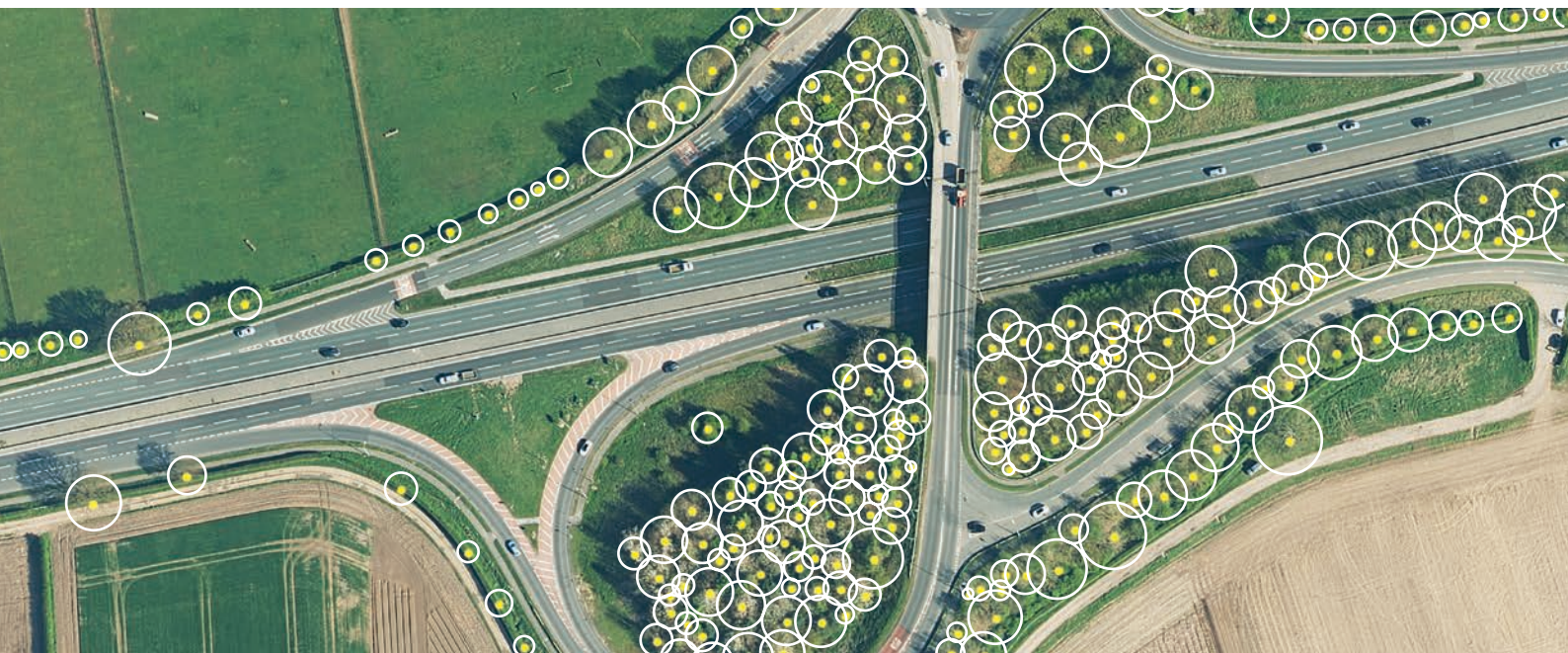


# DATA SHEET

Product: **National Tree Map™**

Region: **Great Britain**



**B**luesky is a market leader in the capture, production, exploitation, and delivery of geospatial datasets and services that have rapidly become critical tools in tackling the challenges of the modern world. Operating globally, Bluesky has offices in the UK, US, Ireland and India.

As a recognised specialist in the acquisition and processing of aerial photography and LiDAR, Bluesky uses the latest technology and an experienced technical team to produce innovative off-the-shelf and tailored products to meet the needs of organisations in a range of market sectors.

Bluesky's terrain datasets and 3D models support the acceleration and adoption of 3D applications and technologies in an age of smart cities, digital twins and virtual/augmented reality.

## Key Features

- A unique, comprehensive database of location, height and canopy/crown extents for trees taller than 3m
- Complete tree canopy cover across Great Britain
- Created using Bluesky's aerial photography and height datasets
- 3 year rolling flying programme ensures data is up to date
- For use in GIS, tree management and CAD packages



## Applications & Industries

- Tree management (including tree preservation orders)
- Insurance and risk assessment
- Flood and pollution monitoring
- Transport infrastructure, e.g. railway lines
- Utility and energy infrastructure
- Town and city planning
- Forestry
- Ecology
- Air quality monitoring
- Land and estate management

Specification	
<b>Layers</b>	1. Canopy Polygons (Vector Polygon) - Representing individual trees or closely-grouped tree crowns 2. Idealised Crowns (Vector Polygon) - Crown polygons visualised as circles for ease of use 3. Height points (Vector Point) - Detailing the centre point and height of each canopy feature
<b>Coverage</b>	England, Wales & Scotland
<b>Canopy Coverage</b>	>98% of canopy coverage (>99% within 50m of buildings)
<b>Accuracy Z</b>	± 1m rmse
<b>Classification Criteria</b>	Trees over 3m in height
<b>Formats</b>	Include: ESRI Shape & MapInfo, Geodatabase, DWG, KMZ
<b>Standard Projection</b>	British National Grid

