

GM Cycle Map Data – Supporting Information (November 2018)

1 Background

- 1.1 This information note accompanies Transport for Greater Manchester's cycle map data released at:

<https://data.gov.uk/dataset/gm-cycle-routes>

<https://data.gov.uk/dataset/gm-cycle-hubs>

<https://data.gov.uk/dataset/gm-cycle-lockers>

<https://data.gov.uk/dataset/gm-cycle-parking>

<https://data.gov.uk/dataset/cycle-shops>

- 1.2 See the following sections for information on:

- Copyright and licence details;
- File formats;
- Known issues and limitations;
- Data updates; and
- Data specification.

- 1.3 Please email opendata@tfgm.com if you have any enquiries or feedback about the data or this documentation.

2 Copyright and licence details

- 2.1 This free dataset is released under the Open Government Licence (OGL), a copy of which can be found here:

<http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>

- 2.2 Please acknowledge the source of this information using the following attribution statement:

Contains Transport for Greater Manchester data. Contains OS data © Crown copyright and database right 2018.

3 File formats

- 3.1 The dataset is available in a choice of file formats, including:

- .kml (Google Earth)
http://en.wikipedia.org/wiki/Keyhole_Markup_Language
- .tab (MapInfo)
http://en.wikipedia.org/wiki/MapInfo_TAB_format
- .shp (ESRI ArcGIS)
<http://en.wikipedia.org/wiki/Shapefile>

- 3.2 NB: The download files may have been zipped to reduce file sizes.

- 3.3 Email us if you would like to request data in a format not listed here.

4 Known issues and limitations

- 4.1 Transport for Greater Manchester would be interested to hear of any data errors that you come across.
- 4.2 **The cycle route, cycle parking, and cycle shop datasets have been collated from a number of different sources by Transport for Greater Manchester and cannot be guaranteed to be fully correct.**

5 Data updates

- 5.1 At the time of writing, Transport for Greater Manchester aims to update this dataset once a year, to coincide with the publication of our printed cycle maps.
- 5.2 Recent updates have been published in:
 - March 2013
 - February 2014
 - June 2015
 - June 2016
 - July 2017
 - November 2018

6 Data specification

6.1 Cycle Routes

6.1.1 Cycle routes in Greater Manchester, including on-road, off-road, and canal towpaths and National Cycle Network routes. Data provided by the GM local authorities.

Field name	Description
ID	Non-unique item identification number
RouteType	<p>Nature of route:</p> <p>1 (yellow) = On-road Quiet routes. Routes recommended by the Local Authorities, which appear only on maps or brochures (not included in this version).</p> <p>2 (orange) = On-road Advisory Routes. Routes along roads with directions signs as minimum level of infrastructure. A.k.a. recommended signed routes.</p> <p>3 (red) = On-road routes with cycling facilities, e.g. cycle lanes and / or advanced stop lines at signals.</p> <p>4 (green) = Segregated cycle lanes / Shared Use Footways adjacent to the carriageway.</p> <p>5 (brown or green) = Traffic-free routes, e.g. converted railway line.</p> <p>6 (blue dotted) = Canal towpaths - cycling permitted.</p> <p>7 (blue dotted) = Canal towpaths - cycling permitted with permit.</p> <p>8 (pink dotted) = Canal towpaths - cycling prohibited.</p> <p>9 (black dotted) = Footpaths - cycling prohibited (e.g. footbridges across motorways). Use of these can however prevent long detours.</p> <p>10 (light pink) = Vehicle Access Track – poor surface.</p> <p>11 (blue solid) = On-road route – with physical segregation e.g. armadillos.</p>
RouteStatus	<p>Status of Route:</p> <p>1 = Vague idea or concept</p> <p>2 = Potential route with relatively firm alignment</p> <p>3 = Route open for use</p>
RouteSurface	<p>Nature of route surface:</p> <p>1 (brown) = Very rough unpaved surface, suitable for mountain bike use only.</p> <p>2 (green) = Rougher unpaved surfaces, that may get muddy after rain.</p> <p>3 (green) = All-weather surface.</p>
NCNRoute	<p>Is route part of National Cycle Network?</p> <p>1 = Route is not part of National Cycle Network (NCN)</p> <p>2 = Route is part of NCN National network</p> <p>3 = Route is part of NCN Regional network</p>
NCNRouteNumber	<p>National or Regional route number:</p> <p>0 = Not part of NCN</p> <p>1+ = National or Regional route number</p>
Notes	<p>Notes or comments:</p> <p>Use to describe any new entries (this field is blank for all original 2006 entries).</p> <p>Use any of following descriptions:</p> <p>Amended: Any existing route which has been amended or corrected due to</p>

	<p>previous error or incorrect mapping.</p> <p>Extended: Any existing route which has been lengthened e.g. an on-road section which is extended to the next junction.</p> <p>New: Any new route which has not previously been entered.</p> <p>Upgraded: Any route which has a surface upgrade e.g. from advisory to advisory signed or from advisory signed to on road.</p>
Date updated	Date of entry of new/amended route: Month and year which route was added or amended
Strategic_route	-
Mand_Advis	Cycle Route – mandatory or advisory: Where applicable, the type of cycle route (M/A).

6.2 Cycle Hubs

Field name	Description
ID	<i>Not used</i>
Hub_Name	Name of the cycle hub location
Easting	OSGB eastings coordinate
Northing	OSGB northings coordinate
Capacity	The total number of cycle spaces available at the hub
Open_Mon_Fri	Weekday opening hours – displayed as 24hr with no spaces
Open_Sat	Saturday opening hours – displayed as 24hr with no spaces
Open_Sun	Sunday opening hours – displayed as 24hr with no spaces
Lockers	Are lockers available at this hub (Y/N)
Showers	Are shower facilities available at this hub (Y/N)
Membership	Name of organisation which handles membership
Description	Terms of membership / instructions to printers
District	Council district the hub is located in
Hotlink	Website pathname to membership details
OPEN	Has the hub opened yet (Y/N)
WGS84_Longitude	Longitude in WGS84 projection (only in CSV format file)
WGS84_Latitude	Latitude in WGS84 projection (only in CSV format file)

6.3 Cycle Lockers

6.3.1 Most but not necessarily all lockers are in the Bike Locker Users' Club.

Field name	Description
ID	Cross-reference to public transport node ID
Location	Place name, e.g. name of station, stop, etc.
Location_Category	Type of location, e.g. Rail Station, Interchange, Metrolink Stop, Bus station
Type	BLUC = Bike Locker Users Club locker Other = non-BLUC locker
NumberOfLockers	Number of lockers available at this site
Notes	Additional location info, platform or Stand number etc.
Date	Month and year of entry of new/amended data

6.4 Cycle Parking

6.4.1 This data includes the location of cycle stands (e.g. Sheffield Stands) which are generally on-street. Locations where there are only one or two stands have not been recorded. All data comes from the Local Authorities.

Field name	Description
ID	Non-unique record identifier provided by district/university etc.
Type	Description of type of cycle parking, e.g. Sheffield Stand, Wheel Racks, Wall Hoops, Toast racks, other.
Notes	Extra information about parking, e.g. description of location, unique features
No_of_Stands	Number of stands
No_of_Spaces	Number of cycles able to park here (Sheffield stands can hold two cycles per stand, e.g. 4 stands = 8 spaces)
Sheltered	Y = Stands are covered, may only be a canopy N = Stands are exposed
Updated	Month and year of entry/addition/deletion

6.5 Bike Shops

6.5.1 This data came from a desktop study in 2011. Updates have been provided by Local Authorities when the paper cycle map has been updated. This data may not be completely up-to-date as bike shops frequently open and close.

Field name	Description
ID	<i>Not used</i>
Shop_name	Name of the shop
Addr1	First part of the address
Addr2	Remainder of the address
TelephoneNo	Shop phone number
Website	Shop website
Description	Comments
District	Council district the shop is located in
Date_Updated	Month and year last edited