

<gps> <offline maps> <digital compass> <waypoint manager> <track recording> <statistic> <get coordinate from maps>

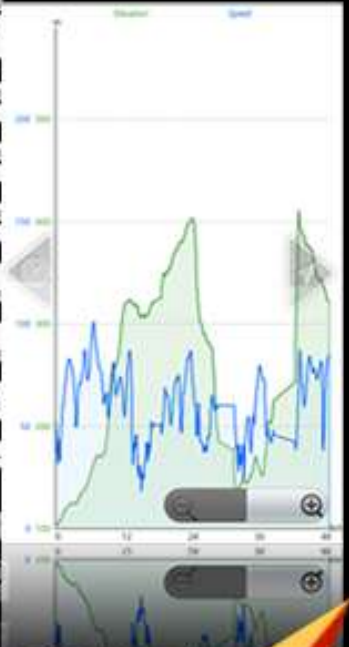
SNR: 117.0 averaged from 6 satellites
30UVD
77954 85916
 Accuracy: 25.00 m from 6 satellites
 Target: Selected from waypoint
 511.02 m
 Speed: 1.36 m/s Altitude: 195.0
 153.0° SE 2720.34mm

Compass Mils
359.0° N **6383.02**
219.0° N **3893.82**
 Waypoint bearing Waypoint miles
20:21:11 **6.22**
 ETA ETA minutes
4:53 **21:29**
 Sunrise Sunset

3167586 316766 356690 / 515C
 OSGB36: 53 11760499 3 33344164
 UTM: 30U V D 77954 85438
 Maidenhead: 3089HC
 SH1903: 237104 - 123335
 20M: 53° 7' 4" N - 3° 20' 5" W
 20M: 30U 477597 588543W

42 waypoint(s) / 5.74 mi
 Name: **Moel famau.gpx**

Speed	
Total Distance	Max Speed
45.84 mi	115.59 km/hr
Total Time	Average Speed
5:53:49	7.77 km/hr
Moving Time	Average Moving Speed
4:47:34	9.56 km/hr
Minimum Elevation	Elevation Gain
-	640 m
Minimum Elevation	Max Elevation
104 m	414 m
Minimum Grade	Max Grade
-19.9%	66.0%
Latitude	Longitude
-	-



- Supported Coordinates
- OS Grid Reference
 - Tetrad
 - MGRS
 - USNG
 - OSGB
 - WGS84
 - Maidenhead
 - Swiss grid (CH1903)
 - DMS
 - UTM



GPS GRID REFERENCE – USER GUIDE



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Main Menu

Get coordinate from maps

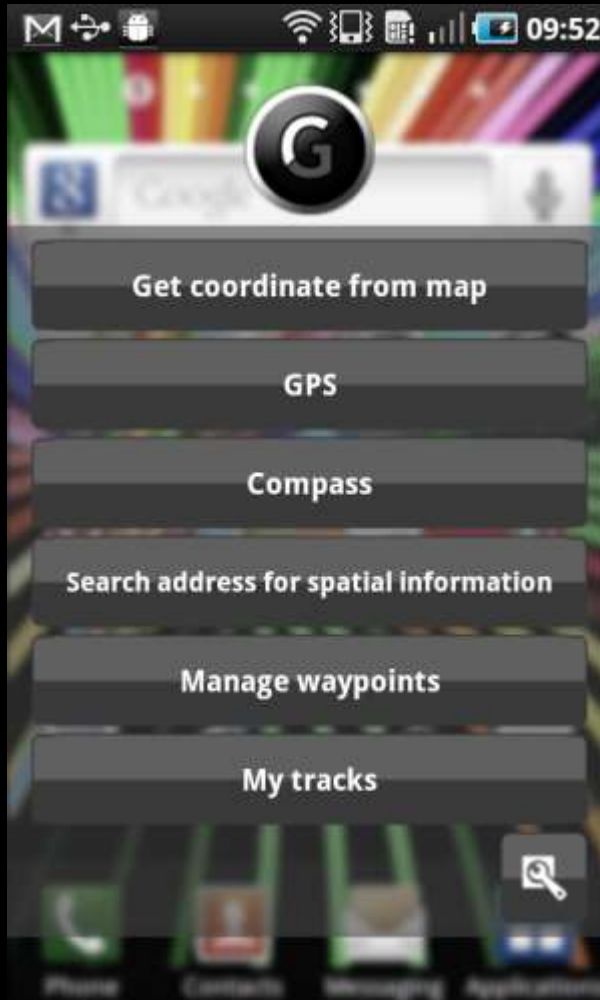
Simply tap on the maps to get and share coordinates.

GPS

Shows coordinates from GPS, offline maps with switchable full screen mode, compass, GPS status and overlay the waypoints over the maps to get distance, bearing and ETA.

Compass

Display analogue and digital mode with mils.



Search address for spatial information

Search and obtain coordinates for any address and postcode anywhere in the world.

Manage waypoints

Create and manage imported GPX waypoints. Simply tap on the maps to insert waypoint or manually enter coordinates and use it in GPS mode.

My tracks

Launch My Tracks app



Get Coordinate from Maps

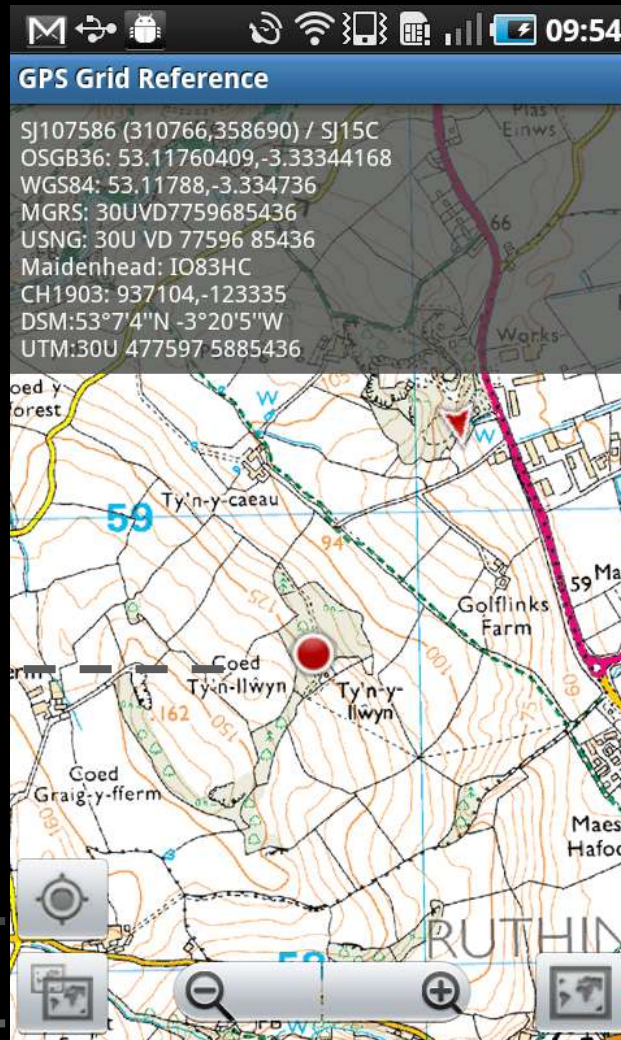
Display selected coordinate from the maps

Simply touch and hold to copy the coordinates

Touch any where on the maps to get coordinates

Display your current location

Swich between offline and online maps



Switch map source

UK OS map, USGS, OSM, Mapnik, Topo & Cycle and more!



Compass



Compass display analogue and digital reading +
mils

146.0° SE
2595.88_{mils}





GPS – Main Screen

Display signal strength and number of satellite.

Coordinate display

Display accuracy and number of satellite using for GPS fix.

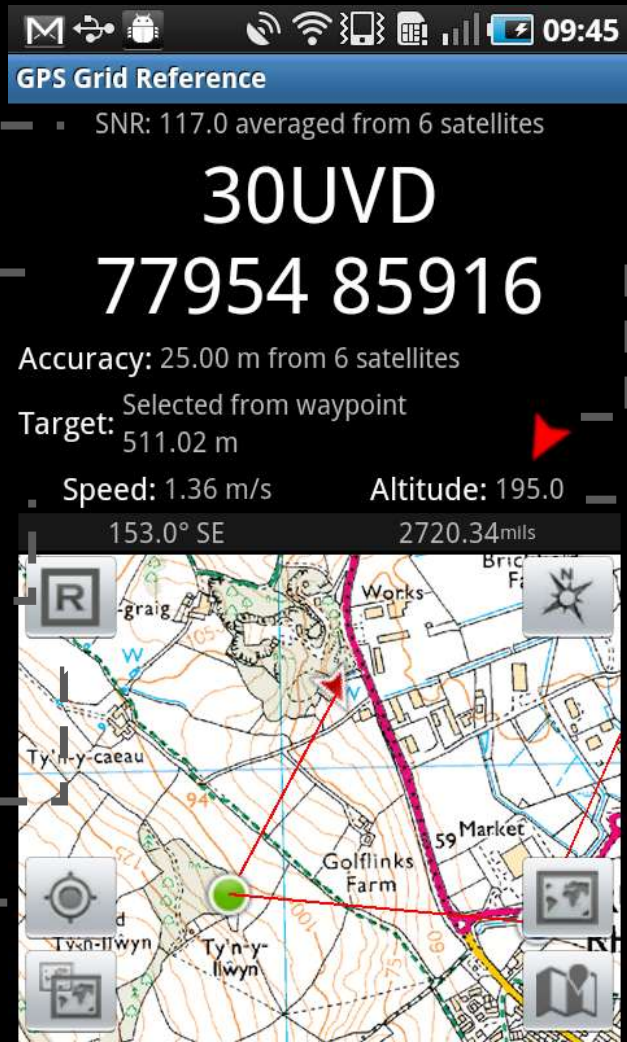
Display distance to the selected waypoint. To set target just tap on the waypoint.

Display travelling speed

Start and stop recording

Display your location and lock to centre of the map.

Swich between offline and online maps



Display the bearing to the selected waypoint.

Display altitude reading from GPS

Display digital compass reading + mils

Launch compass

Switch map source
UK OS map, USGS, OSM, Mapnik, Topo & Cycle and more!

Expand and contract the map window.



GPS – Second Screen

Simply swipe to switch between screens



Compass reading in digital and mils

Estimated time of arrival from selected waypoint



359.0° N	6383.02
Compass	Mils
219.0° N	3893.82
Waypoint bearing	Waypoint mils
20:21:11	6.22
ETA	ETA minutes
4:53	21:29
Sunrise	Sunset

Display digital bearing and mils from selected waypoint

Display sunrise and sunset





Search Address for Spatial Information

Search any location and postcode
around the world

Press and hold to locate on the map



Click and hold on the result to view more options.

The Peak District

Derbyshire United Kingdom S33 9

WGS84: 53.316457 -1.744273



Manage Waypoints – Waypoint List

Display waypoint name, number of waypoints and distance.

The screenshot shows the top of an Android phone screen. At the top, there are status icons for USB, Android, Wi-Fi, signal strength, and battery, along with the time 14:26. Below the status bar is a grey header with the text "G Grid Reference". Underneath the header is a grey bar with the text "Press menu to add and long press for options". The main content is a list of two waypoints, each on a blue background. The first entry is "Snowdon walk 1" with "27 waypoint(s) Distance: 7.70 mi". The second entry is "Moel famau walk" with "32 waypoint(s) Distance: 5.36 mi".

Add new waypoint

The screenshot shows the bottom navigation bar of the app. It is divided into two sections by a vertical line. The left section contains a green plus sign icon above the text "Add". The right section contains the text "a-z" above the text "Sort".

Sort waypoint by name or added date



Manage Waypoints – Edit Waypoints

Total number of waypoints and distance

Waypoint name

Manually edit waypoint by entering coordinates

Display your current location

Switch between offline and online maps

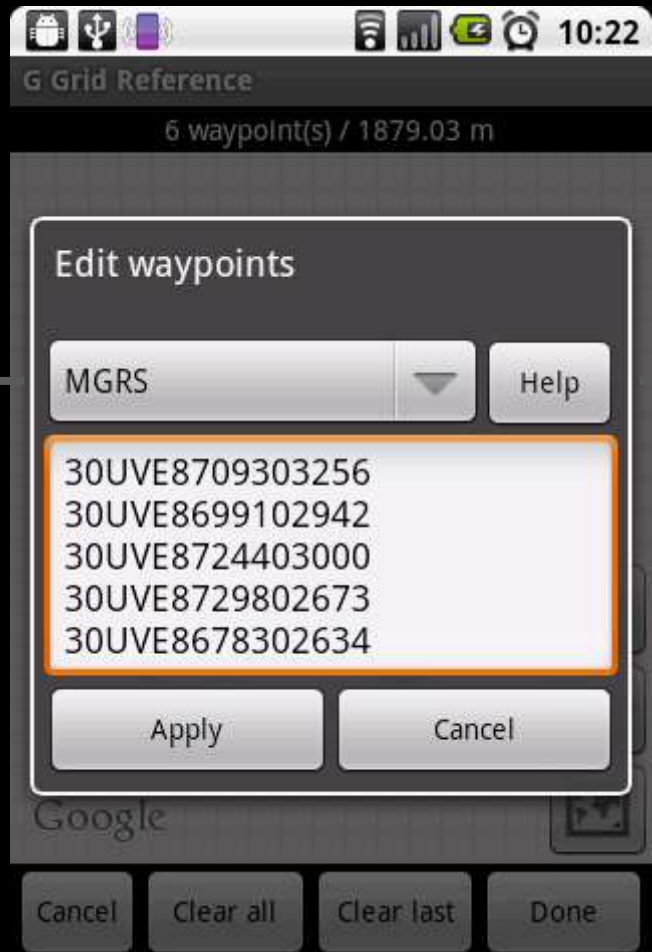


Switch map source
UK OS map, USGS, OSM, Mapnik, Topo & Cycle and more!



Manage Waypoints – Manual Edit

Choose coordinate type
OS grid reference, Tetrad,
MGRS, WGS84, OSGB86,
Maidenhead, DMS, UTM, USNG
and CH1903 Swiss Grid



Show coordinate example

Lat and Long
53.237676,-3.260981
53.237676,-3.260981
53.237676,-3.260981

Degree/Minute/Second
34 45 06.7,112 07 00.6
35 44 06.7,112 07 00.6

MGRS
30UVD82589874
30UVD82519874
30UVD8258298744

USNG (WGS84)
30UVD82589874
30UVD82519874
30UVD8258298744

UTM
17N 630084 4833438
17N 630094 4833738

OS Grid Reference
SJ123456
SJ456789



My Tracks



My Tracks

Record GPS tracks. Monitor your performance.
Share your outdoor activities with friends.

My Tracks is a free & open source application for your Android phone that enables you to record GPS tracks and view live statistics – such as time, speed, distance, and elevation – while hiking, biking, running or participating in other outdoor activities. Once recorded, you can share your tracks, upload them to Google Spreadsheets and visualize them on Google My Maps.

GPS Grid Reference app uses My Tracks advanced track recording and share capability to enhance the GPS and offline maps feature.

[More about My Tracks](#)

[Download My Tracks](#)