

## GPS CO-ORDINATES

There are 3 different methods to present co-ordinates.  
Most GPS systems can use any of the 3 methods.  
Placetosleep uses the Degree Decimal method (also used by google).

### EXAMPLE

Degree Decimal	-25.736818 , 28.212032
Degree Decimal Minutes	S25°44.20908 , E028°12.72192
Degree Minute Seconds	S25°44'12.545" , E28°12'43.315"

### Co-ordinate presentation:

1)Co-ordinates effectively is presented by two “values” on the X and Y axis on the world map, or the Latitude and Longitude. The two “values” are differentiated with a comma between.

2)In front of the co-ordinates is either:  
one of the compass directions **N,S,E and W** or  
a plus + or minus (-) or a plus (+) the plus is often not shown

If your co-ordinate is in the southern hemisphere use a **S** or (-) and **N** or (+) for northern.  
The equator is the mid point between north and south  
If your co-ordinate is in east use **E** or (+) and **W** or (-) in the west.  
The Greenwich line that goes trough the UK is the dividing line between East and West

3)As stated above there are 3 methods to present co-ordinates.  
There should either be a N,S,E,W or (+) or (-) in front.

<b>1 Degree Decimal</b>	<b>D.D</b>	<b>DD DDDDD , DD DDDDD</b>
<b>2 Degree Decimal Minutes</b>	<b>DM.M</b>	<b>DD MM.MMM , DD MM.MMM</b>
<b>3 Degree Minute Seconds</b>	<b>DMS</b>	<b>DD MM SS.S , DMS DD MM SS.S</b>

**Look for the relevant format as above on your GPS.**

4) The following website can assist in the conversion: [www.gpsvisualizer.com/calculators](http://www.gpsvisualizer.com/calculators)