

Transformation : OSGB36 (E, N) to Geographical (WGS1984)  
System : 2° West Geographical (WGS84)

Name	Eastings	Northings	Latitude	Longitude	
StKilda	9 587.897	899 448.993	57:48:48.6676 N	8:34:42.7037 W	<input checked="" type="checkbox"/>
1 BLAC	331 534.552	431 920.791	53:46:44.7969 N	3:02:25.6377 W	
2 BRIS	362 269.979	169 978.688	51:25:39.1708 N	2:32:38.6742 W	
3 BUT1	151 968.641	966 483.777	58:30:56.1731 N	6:15:39.2856 W	
4 CARL	339 921.132	556 034.758	54:53:43.5242 N	2:56:17.7987 W	
5 CARM	241 124.573	220 332.638	51:51:32.0723 N	4:18:30.6892 W	
6 DARE	357 455.831	383 290.434	53:20:41.2901 N	2:38:25.7756 W	
7 DROI	389 544.178	261 942.151	52:15:19.0577 N	2:09:16.5401 W	
8 EDIN	319 188.424	670 947.531	55:55:29.2175 N	3:17:41.2518 W	
9 Fairisle	421 300.513	1 072 147.236	59:32:04.9486 N	1:37:30.6108 W	
10 FlannaN	71 713.120	938 516.401	58:12:45.4414 N	7:35:33.1743 W	
11 Foula	395 999.656	1 138 728.948	60:07:59.0913 N	2:04:25.7816 W	
12 NorthRon	180 862.449	1 029 604.111	59:05:48.1783 N	5:49:40.7722 W	
13 StKilda	9 587.897	899 448.993	57:48:48.6676 N	8:34:42.7037 W	

OSTN02™ enabled

Current Co-ordinate File Existing Point Names

BLAC	FLA1	KING	NFO1	SCP1			
BRIS	Fairisle	LEED	NORT	SUM1			
BUT1	FlannaN	LIZ1	NOTT	Scilly			
CARL	Foula	LOND	NorthRon	StKilda			
CARM	GIR1	LYN1	OSHO	SuleSkerr			
COLC	GLAS	LYN2	OrkMain	THUR			
DARE	INVE	MALA	Orkney				
DROI	IOMN	NAS1	Outside#				
EDIN	IOMS	NEWC	PLYM				

Converting OSGB36 System [E, N] values directly to WGS84 [Latitude, Longitude] values

## Transform between Airy 1830 and WGS 84 Ellipsoids (U.K.)

- This set of Transformation programmes supports the following Systems and/or Ellipsoids :-
  - U.K. National Grid System, OSGB36, using the Airy 1830 Ellipsoid,
  - U.K. National GPS Network, ETRS89, using the WGS 84 (GRS80) Ellipsoid,
  - Universal Transverse Mercator, UTM, using Various Ellipsoids.
- Algorithms and shift data provided by the U.K. Ordnance Survey, and are fully OSTN02 and OSGM02 enabled. In order to use these transformations, however, the files called "OSTN02.DAT" (for Eastings, Northings) and "OSGM02.DAT" (for heights) must exist in the SURPAC application folder. If not, they may be downloaded from the SURPAC Internet site. The following transformations are available :-
  - U.K. National Grid System, OSGB36, to the U.K. National GPS Network, ETRS89
  - U.K. National GPS Network, ETRS89, to the U.K. National Grid System, OSGB36
  - Geographical [Latitude, Longitude] (WGS 84) to to the U.K. National Grid System,

**OSGB36.**