

## Global Change Data Encyclopedia

# Shiant Isles, United Kingdom

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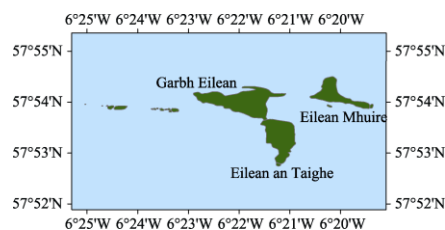
**Keywords:** Shiant Isles; United Kingdom; Scotland; Garbh Eilean; data encyclopedia

The Shiant Isles of Scotland is located from 57°52'45"N to 57°54'30"N, 6°25'3"W to 6°19'21"W<sup>[1-2]</sup>. It is in the Minch Strait and belongs to Outer Hebrides<sup>[3]</sup>, separated 5.34 km from Lewis Island<sup>[4]</sup> at its northwest, 32 km from the Scotland at its east, and 19 km from Skye at its south (Figures 1–2). The Shiant Isles are private<sup>[2]</sup>.

The Shiant Isles consist of 3 main islands, and 18 small isles and rocks. The main islands are Garbh Eilean<sup>[5]</sup>, Eilean an Taighe<sup>[6]</sup>, and Eilean Mhuire<sup>[7]</sup>. The small islands and rocks includes Galca Mor, Galta Beag, Sgeir Mhic a'Ghobha, Sgeir Mianais, Bodach, Sgeir na Ruideag, Stacan Laidir, and Damhag, etc.<sup>[8-9]</sup> (Table 1). The total area of the Shiant Isles is 2.15 km<sup>2</sup> and the coastline is 17.98 km. In the Shiant Isles, Garbh Eilean is the biggest isle with an area of 0.98 km<sup>2</sup>, Eilean an Taighe is the second biggest one with an area of 0.66 km<sup>2</sup>, and Eilean Mhuire is the third one with an area of 0.42 km<sup>2</sup>. The dataset was developed based on the ArcGIS platform<sup>[10]</sup>, Google Earth



**Figure 1** Geo-location of Shiant Isles (.kmz format)



**Figure 2** Geo-location of Shiant Isles (.shp format)

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[2] Liu, C., Shi, R. X. Shiant Isles [DB/OL]. Global Change Research Data Publishing & Repository, 2017. DOI: 10.3974/geodb.2017.01.04.V1.

images and the map of Scotland<sup>[9]</sup>. The dataset is archived in both .kmz and .shp formats, consisting of 14 data files with the data size of 217 KB (Compressed to 96.2 KB in two data files).

**Table 1** Geo-location, area and coastline of each isles in the Shiant Isles<sup>[1]</sup>

Name of island	Geo-location	Central location	Area (m <sup>2</sup> )	Coastline (m)
Garbh Eilean	57°53'39"N–57°54'19"N, 6°22'54"W–6°21'5"W	57°54'1"N, 6°21'57"W	978,050	5,830
Eilean an Taighe	57°52'47"N–57°53'40"N, 6°21'35"W–6°20'53"W	57°53'18"N, 6°21'11"W	660,825	4,073
Eilean Mhuire	57°53'52"N–57°54'30"N, 6°20'36"W–6°19'26"W	57°54'9"N, 6°20'6"W	418,352	3,829
Galca Mor	57°53'51"N–57°53'56"N, 6°24'28"W–6°24'12"W	57°53'53"N, 6°24'21"W	27,947	668
Galta Beag	57°53'48"N–57°53'53"N, 6°23'21"W–6°23'12"W	57°53'51"N, 6°23'16"W	15,151	497
Sgeir Mhic a' Ghobha	57°53'52"N–57°53'56"N, 6°24'36"W–6°24'28"W	57°53'54"N, 6°24'32"W	11,937	422
Sgeir Mianais	57°52'45"N–57°52'48"N, 6°21'16"W–6°21'11"W	57°52'46"N, 6°21'14"W	7,556	331
Bodach	57°53'50"N–57°53'53"N, 6°23'34"W–6°23'29"W	57°53'51"N, 6°23'31"W	5,253	299
Sgeir na Ruideag	57°53'54"N–57°53'57"N, 6°20'16"W–6°20'10"W	57°53'55"N, 6°20'13"W	5,131	294
Stacan Laidir	57°53'51"N–57°53'53"N, 6°23'41"W–6°23'38"W	57°53'52"N, 6°23'40"W	1,873	169
Damhag	57°53'57"N–57°53'58"N, 6°25'3"W–6°25'1"W	57°53'58"N, 6°25'2"W	339	69
Others			18,066	1,496
Shiant Isles			2,150,480	17,976

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## Data Computing Environment

- [10] ESRI. ArcGIS campus license of the Institute of Geographic Science and Natural Resources Research, Chinese Academy of Sciences.

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<http://www.geodoi.ac.cn/WebEn/doi.aspx?Id=640>.

Or search though: <http://www.geodoi.ac.cn>.