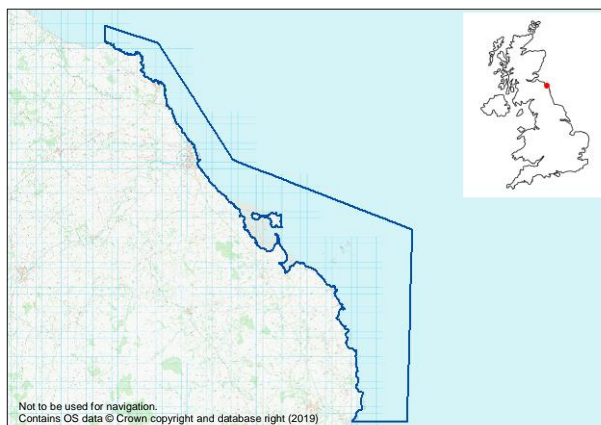


# Berwickshire & North Northumberland Coast SAC

## Description:

The Berwickshire and North Northumberland Coast Special Area of Conservation (SAC) is an extensive and diverse stretch of coastline. It is predominantly rocky and has several characteristic sediment-dominated embayments including Budle Bay, Beadnell Bay and Embleton Bay. The site includes a number of Sites of Special Scientific Interest (SSSI) including Bamburgh Coast and Hills SSSI, Burnmouth Coast SSSI, Howick to Seaton Point SSSI, Lindisfarne SSSI, Northumberland Shore SSSI, St Abb's Head to Fast Castle SSSI and The Farne Islands SSSI.



## Qualifying features:

Berwickshire & North Northumberland Coast SAC hosts the following habitats listed in Annex I: large shallow inlets and bays; mudflats and sandflats not covered by seawater at low tide (intertidal mudflats and sandflats); reefs; and submerged or partially submerged sea caves. Other qualifying species include the Annex II grey seal (*Halichoerus grypus*).

## Management:

- Lindisfarne National Nature Reserve has [byelaws](#) restricting boat use in Budle Bay to specific zones to protect seagrass beds (part of the mudflat interest feature) and wintering waterfowl (part of the overlapping special protection area feature).
- The Berwickshire and Northumberland Marine Nature Partnership have a [Wildlife Watching Boating](#) Code of Conduct.
- [Area of Outstanding Natural Beauty codes of conduct](#) for various activities including coasteering, diving and powered craft.
- [Bait digging byelaws](#) set by the Northumberland Inshore Fisheries and Conservation Authority.
- [Canoeing code of conduct](#) – British Canoeing.

## Stakeholder Concerns:

Bait collection was highlighted as the activity with the greatest potential to affect the interest features, although no specific impacts were noted. Although difficult to regulate, control measures are in place. With the increase in paddle sports within the Marine Protected Area, there have been reported disturbances to seals and birds particularly on the Farne Islands.

MPA: Berwickshire & North Northumberland Coast SAC				No. Stakeholders: 3 online & 5 workshop			
Activity	Frequency	Duration	Participation	Intensity	Confidence	MPA Extent	Trend
Board sports	4	2	2	16	H	1	↑
Geophysical surveys	1	3	1	3	M	1	↑
Motor boating	4	3	2	24	H	2	→
Jetskis	2	2	3	12	M	1	↑
Paddle sports	2	2	2	8	M	1	↑
Parascending	2	1	1	2	H	1	→
Sailing (non-motorised)	3	2	5	30	H	2	↑
SCUBA diving	2	3	3	18	H	1	↑
Swimming / Snorkelling	2	1	4	8	H	1	↑
Towed water sports	2	1	1	2	H	1	→
Wildlife watching from the sea	2	3	6	36	H	1	↑
Bait collection	4	2	4	32	H	1	↑
Beach recreation	4	2	6	48	H	2	↑
Coasteering	2	1	3	6	H	1	↑
Land boarding	3	2	3	18	H	1	↑
Motorsports (quad bikes, motorbikes)	0	0	0	0	H	0	→
Vehicle access (cars on foreshore)	4	1	2	8	H	1	→
Wildlife watching from the land	4	2	6	48	H	2	↑
Drone use	3	1	1	3	H	1	↑
Gliding (unpowered)	0	0	0	0	?	0	?
Aircraft (powered)	3	2	2	12	H	1	↑

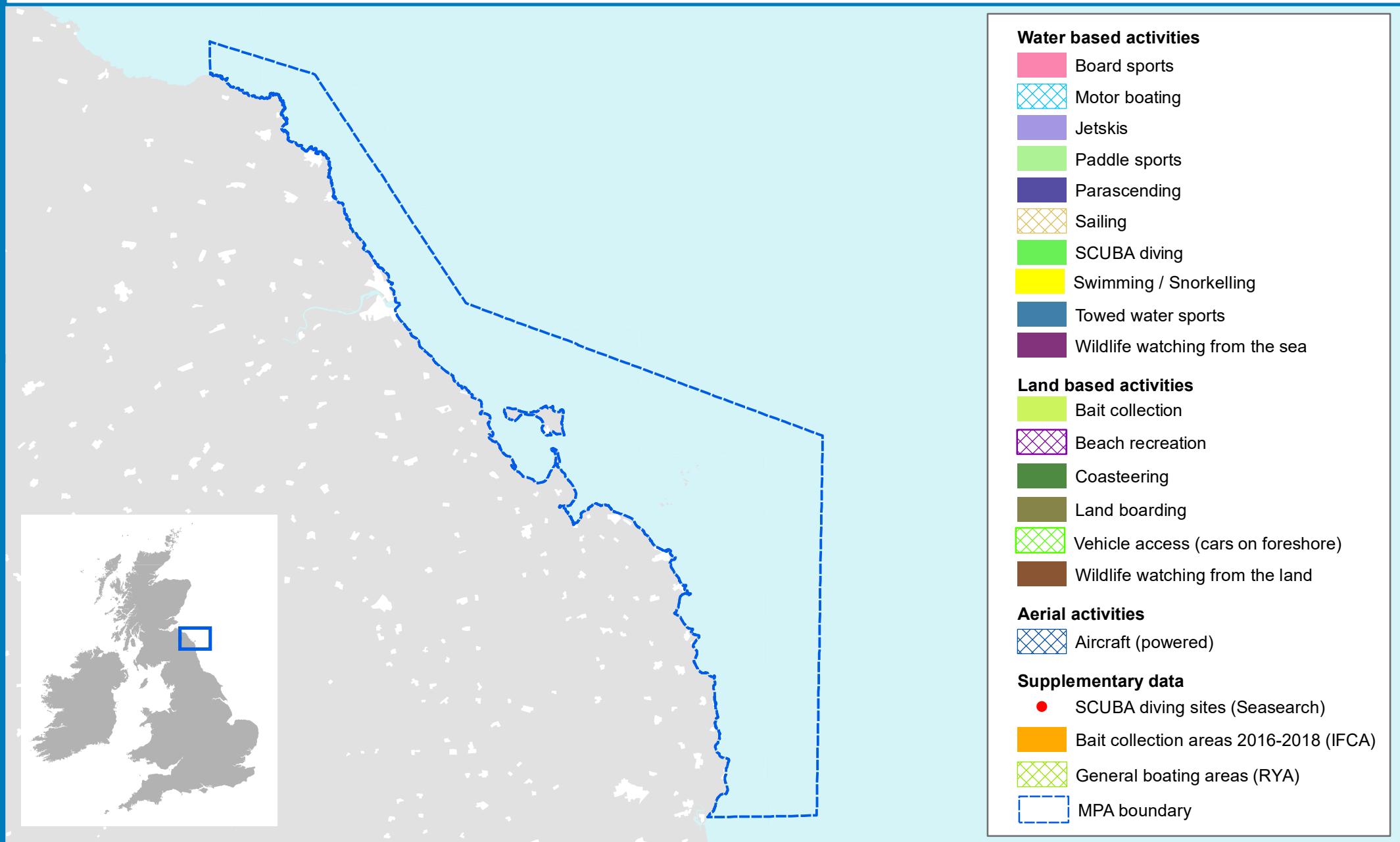
#### KEY

FREQUENCY	DURATION	PARTICIPATION	INTENSITY	CONFIDENCE	EXTENT	TREND
4 Regular/daily	4 >8 hours	6 >100	45-96 High	H High	2 Whole MPA (solid)	↑ Increase
3 Regular/weekends	3 4-8 hours	5 51-100	24-40 Med-high	M Medium	1 Part of MPA (shaded)	→ Stay the same
2 Seasonally	2 2-4 hours	4 21-50	9-20 Low-med	L Low	0 Does not occur	↓ Decrease
1 Sporadically	1 <2 hours	3 11-20	1-8 Low	? Data missing	? Data missing	? Data missing
0 Does not occur	0 Does not occur	2 6-10	0 Does not occur			
? Data missing	? Data missing	1 1-5	? Data missing			
		0 Does not occur				
		? Data missing				



# Non-licensable activities which occur in and around the Berwickshire and North Northumberland Coast SAC

Not to be used for navigation.  
Contains OS data © Crown copyright and database right (2019)



## Marine Protected Area Designated Features - Marine SAC and Subfeatures

### SAC Complex features (Polygons)

#### SAC\_SFCODE



Estuaries (H1130)



Large shallow inlets and bays (H1160)

### Mudflats and sandflats not covered by seawater at low tide (H1140) polygons

#### SAC\_SFCODE



Intertidal coarse sediment (A2.1)



Intertidal sand and muddy sand (A2.2)



Intertidal mud (A2.3)



Intertidal mixed sediments (A2.4)



Intertidal seagrass beds (A2.61)

### Sandbanks which are slightly covered by sea water all the time (H1110) polygons

#### SAC\_SFCODE



Subtidal coarse sediment (A5.1)



Subtidal sand (A5.2)



Subtidal mud (A5.3)



Subtidal mixed sediment (A5.4)



Maerl beds (A5.51)



Subtidal seagrass beds (A5.53)

### Reefs (H1170) points

#### SAC\_SFCODE



Intertidal rock (A1)



Intertidal biogenic reefs: (*Sabellaria alveolata*) (A2.71)



Intertidal biogenic reefs: mussel beds (SF\_SH\_5)



Infralittoral rock (A3)



Circalittoral rock (A4)



Subtidal biogenic reefs: (*Sabellaria spp.*) (A5.61)



Subtidal biogenic reefs: mussel beds (SF\_SH\_6)

### Reefs (H1170) polygons

#### SAC\_SFCODE



Intertidal rock (A1)



Intertidal biogenic reefs: (*Sabellaria alveolata*) (A2.71)



Intertidal biogenic reefs: mussel beds (SF\_SH\_5)



Infralittoral rock (A3)



Circalittoral rock (A4)



Subtidal biogenic reefs: (*Sabellaria spp.*) (A5.61)



Subtidal biogenic reefs: mussel beds (SF\_SH\_6)

#### SAC\_SFCODE



Sea Caves (H8330)

#### SAC\_SFCODE



Saltmarsh (A2.5)