

**Table 1. Boulder ridges and bedrock outcrops.** Areas of sea floor represented by boulder ridges and bedrock outcrops <1 m and  $\geq$ 1 m high in the 18 quadrangles of the map region and in the Stellwagen Bank National Marine Sanctuary (SBNMS).

[In Quadrangles 2, 3, 15, and 16, the seabed has not been imaged completely. However, the entire SBNMS is imaged except for a very small part ( $0.2 \text{ km}^2$ ) in its southeast corner in Quadrangle 3. All calculations in columns 4, 5, 6, and 7 are rounded to one decimal place. One square kilometer = 0.291 square nautical miles. na, not applicable]

Quad- rangle no.	Area of imaged sea floor ( $\text{km}^2$ )	Area of imaged sea floor in SBNMS ( $\text{km}^2$ )	Area of boulder ridges (BR) and bedrock outcrops (BO) within two height intervals in quadrangle ( $\text{km}^2$ )		Area of boulder ridges (BR) and bedrock outcrops (BO) within two height intervals in SBNMS part of quadrangle ( $\text{km}^2$ )		Percent area of boulder ridges (BR) and bedrock outcrops (BO) within two height intervals in quadrangle and in SBNMS part of quadrangle	Average water depth of base of boulder ridges (m)
			<1   $\geq$ 1 m height	<1   $\geq$ 1 m height	<1   $\geq$ 1 m height	<1   $\geq$ 1 m height		
1	210	50	BR 0.0   3.6 BO 0.0   0.0	BR 0.0   0.0 BO 0.0   0.0	Quad BR 0.0   1.7 SBNMS part BR 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	28.7
2	209	143	BR 0.0   0.0 BO 0.0   0.0	BR 0.0   0.0 BO 0.0   0.0	Quad BR 0.0   0.0 SBNMS part BR 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	na
3	185	124	BR 0.0   0.0 BO 0.0   0.0	BR 0.0   0.0 BO 0.0   0.0	Quad BR 0.0   0.0 SBNMS part BR 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	na
4	211	111	BR 0.2   2.2 BO 0.0   0.0	BR 0.0   0.2 BO 0.0   0.0	Quad BR 0.1   1.0 SBNMS part BR 0.0   0.1	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	43.3
5	211	211	BR 0.1   0.3 BO 0.0   0.0	BR 0.1   0.3 BO 0.0   0.0	Quad BR 0.0   0.1 SBNMS part BR 0.0   0.1	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	56.4
6	211	157	BR 0.5   2.5 BO 0.0   0.0	BR 0.4   1.9 BO 0.0   0.0	Quad BR 0.2   1.2 SBNMS part BR 0.2   1.2	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	71.5
7	211	152	BR 0.0   0.9 BO 0.0   0.0	BR 0.0   0.5 BO 0.0   0.0	Quad BR 0.0   0.4 SBNMS part BR 0.0   0.3	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	58.7
8	211	211	BR 0.3   1.0 BO 0.0   0.0	BR 0.3   1.0 BO 0.0   0.0	Quad BR 0.1   0.5 SBNMS part BR 0.1   0.5	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	55.9
9	211	122	BR 0.2   4.2 BO 0.0   0.0	BR 0.2   2.4 BO 0.0   0.0	Quad BR 0.1   2.0 SBNMS part BR 0.2   2.0	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	75.3
10	211	192	BR 0.3   4.7 BO 0.0   0.0	BR 0.3   4.5 BO 0.0   0.0	Quad BR 0.1   2.2 SBNMS part BR 0.2   2.3	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	55.7
11	211	211	BR 0.1   1.6 BO 0.0   0.0	BR 0.1   1.6 BO 0.0   0.0	Quad BR 0.0   0.8 SBNMS part BR 0.0   0.8	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	68.7
12	211	86	BR 0.2   2.7 BO 0.0   0.0	BR 0.2   1.5 BO 0.0   0.0	Quad BR 0.1   1.3 SBNMS part BR 0.2   1.7	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	77.1
13	197	115	BR 0.0   2.1 BO 0.0   7.2	BR 0.0   1.9 BO 0.0   0.0	Quad BR 0.0   1.1 SBNMS part BR 0.0   1.7	BO 0.0   3.7 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	50.1
14	212	212	BR 0.1   2.4 BO 0.0   0.0	BR 0.1   2.4 BO 0.0   0.0	Quad BR 0.0   1.1 SBNMS part BR 0.0   1.1	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	64.3
15	212	50	BR 0.1   0.8 BO 0.0   0.0	BR 0.1   0.7 BO 0.0   0.0	Quad BR 0.0   0.4 SBNMS part BR 0.2   1.4	BO 0.0   0.0 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	71.8
16	212	1	BR 0.1   2.9 BO 0.0   0.9	BR 0.0   0.1 BO 0.0   0.0	Quad BR 0.0   1.4 SBNMS part BR 0.0   10.0	BO 0.0   0.4 BO 0.0   0.0	BO 0.0   0.0 BO 0.0   0.0	54.4
17	212	81	BR 0.0   2.5 BO 0.0   0.6	BR 0.0   0.6 BO 0.0   0.2	Quad BR 0.0   1.2 SBNMS part BR 0.0   0.7	BO 0.0   0.3 BO 0.0   0.2	BO 0.0   0.0 BO 0.0   0.0	50.7
18	212	13	BR 0.0   0.0 BO 0.0   1.7	BR 0.0   0.0 BO 0.0   0.5	Quad BR 0.0   0.0 SBNMS part BR 0.0   0.0	BO 0.0   0.8 BO 0.0   3.8	BO 0.0   0.0 BO 0.0   0.0	na
Totals	3760	2242	All quads BR 2.2   34.4 All quads BO 0.0   10.4	All SBNMS BR 1.8   19.6 All SBNMS BO 0.0   8.8	All quads BR 0.1   0.9 All SBNMS BR 0.1   0.9	BO 0.0   0.3 BO 0.0   0.4	BO 0.0   0.3 BO 0.0   0.4	na