

**Table 1. Sea floor ruggedness.** Areas of sea floor represented by ruggedness intervals of 0 to 0.3 m, >0.3 to 1 m, >1 to 2 m, and >2 to 6 m 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 km<sup>2</sup>) in its southeast corner in Quadrangle 3. All calculations in columns 4, 5, and 6 are rounded to one decimal place. One square kilometer = 0.291 square nautical miles]

Quad- rangle no.	Area of imaged sea floor (km <sup>2</sup> )	Area of imaged sea floor in SBNMS (km <sup>2</sup> )	Area of sea floor within four ruggedness intervals in quadrangle (km <sup>2</sup> )				Area of sea floor within four ruggedness intervals in SBNMS part of quadrangle (km <sup>2</sup> )				Percent sea floor area within four ruggedness intervals in quadrangle and in SBNMS part of quadrangle							
			0-0.3	>0.3-1	>1-2	>2-6 m	0-0.3	>0.3-1	>1-2	>2-6 m	0-0.3	>0.3-1	>1-2	>2-6 m				
1	210	50	204.2	6.1	0	0	49.9	0	0	0	Quad 97.1	2.9	0	0	SBNMS part 100.0	0.0	0	0
2	209	143	204.8	3.2	0.6	0.3	139.0	3.1	0.6	0.3	Quad 98.1	1.5	0.3	0.1	SBNMS part 97.2	2.2	0.4	0.2
3	185	124	178.9	5.7	0	0	120.9	2.9	0	0	Quad 96.9	3.1	0	0	SBNMS part 97.6	2.4	0	0
4	211	111	204.0	6.5	0.3	0	107.2	3.9	0.3	0	Quad 96.8	3.1	0.2	0	SBNMS part 96.2	3.5	0.3	0
5	211	211	206.6	3.6	0.6	0	206.6	3.6	0.6	0	Quad 98.0	1.7	0.3	0	SBNMS part 98.0	1.7	0.3	0
6	211	157	187.7	20.2	2.4	0.4	150.4	6.4	0.4	0	Quad 89.1	9.6	1.2	0.2	SBNMS part 95.7	4.1	0.2	0
7	211	152	190.4	17.3	2.3	0.7	136.3	13.0	1.8	0.6	Quad 90.3	8.2	1.1	0.3	SBNMS part 89.8	8.6	1.2	0.4
8	211	211	203.0	6.2	1.2	0.3	203.0	6.2	1.2	0.3	Quad 96.3	2.9	0.6	0.2	SBNMS part 96.3	2.9	0.6	0.2
9	211	122	192.8	15.2	2.6	0.3	118.0	3.6	0	0	Quad 91.4	7.2	1.2	0.1	SBNMS part 97.1	2.9	0	0
10	211	192	171.5	35.1	3.4	1.2	157.8	30.0	2.9	1.1	Quad 81.2	16.6	1.6	0.6	SBNMS part 82.3	15.6	1.5	0.6
11	211	211	116.8	70.7	16.6	7.0	116.8	70.7	16.6	7.0	Quad 55.3	33.5	7.9	3.3	SBNMS part 55.3	33.5	7.9	3.3
12	211	86	179.4	29.5	2.2	0.2	72.8	11.0	1.9	0.2	Quad 84.9	14.0	1.0	0.1	SBNMS part 84.8	12.8	2.2	0.2
13	197	115	160.5	33.5	2.4	0.7	89.1	23.6	1.5	0.7	Quad 81.5	17.0	1.2	0.4	SBNMS part 77.6	20.5	1.3	0.6
14	212	212	154.5	43.9	11.1	2.5	154.5	43.9	11.1	2.5	Quad 72.8	20.7	5.2	1.2	SBNMS part 72.8	20.7	5.2	1.2
15	212	50	165.2	46.0	0.4	0	46.1	3.4	0.1	0	Quad 78.1	21.7	0.2	0	SBNMS part 93.0	6.8	0.1	0.1
16	212	1	190.3	20.6	1.3	0	0.6	0	0	0	Quad 89.7	9.7	0.6	0	SBNMS part 97.2	2.8	0	0
17	212	81	176.0	32.5	3.2	0.6	62.3	16.8	1.8	0.2	Quad 82.9	15.3	1.5	0.3	SBNMS part 76.8	20.7	2.2	0.3
18	212	13	124.2	84.7	3.1	0.1	10.4	2.7	0.2	0	Quad 58.5	39.9	1.5	0.1	SBNMS part 77.8	20.5	1.7	0
Totals	3760	2242	All quads 3210.8	480.5	53.7	14.3	All SBNMS 1941.7	244.8	41.0	12.9	All quads 85.4	12.8	1.4	0.4	All SBNMS 86.7	10.9	1.8	0.6