

CARIBBEAN SEA 18°N 63°W 0.68 km EN20-2 PISTON CORE REID, RSMAS $\text{CO}_3^{2-} = 85 \mu\text{mol/kg}$

DEPTH IN CORE cm	CaCO ₃ CONTENT %	SIZE INDEX %	$\delta^{18}\text{O}$ G. SAC. ‰	G. SAC. 355-420 μg	P. OBLIQ. 355-420 μg	N. DUT. 355-420 μg	G. RUBER 300-355 μg	RADIOCARBON AGE yrs
3				33.0 (50)	_ (8)	39.6 (49)	15.8 (49)	4665±60
10				29.0 (50)	_ (2)	43.4 (28)	13.2 (50)	
20				29.9 (50)	_ (3)	39.7 (35)	13.8 (50)	
33				33.0 (50)	42.1 (16)	40.9 (50)	14.2 (50)	
43				30.6 (30)	_ (5)	43.3 (49)	13.2 (50)	
50				32.5 (38)	_ (7)	40.8 (50)	15.2 (50)	
60				_ (0)	_ (0)	_ (0)	_ (0)	
70				_ (10)	38.8 (49)	42.2 (16)	_ (0)	
80				_ (0)	_ (0)	_ (0)	_ (0)	
84				32.5 (21)	_ (11)	39.2 (44)	15.0 (50)	
90				33.3 (13)	_ (3)	_ (9)	_ (0)	
100				36.7 (36)	_ (9)	46.1 (40)	14.9 (50)	11530±80
104				36.0 (34)	39.3 (50)	49.6 (50)	18.6 (49)	
110				36.6 (46)	_ (9)	49.5 (49)	15.3 (50)	13420±95
120				41.7 (50)	42.4 (33)	54.0 (50)	18.2 (50)	
126				43.2 (50)	44.9 (49)	52.8 (50)	18.9 (50)	15200±100
131				41.4 (32)	_ (8)	48.8 (50)	16.0 (50)	
135				32.4 (24)	_ (2)	42.2 (50)	15.8 (49)	
145				_ (0)	_ (0)	_ (0)	_ (0)	
155				34.4 (50)	_ (0)	41.3 (50)	16.0 (50)	
165				34.7 (33)	_ (0)	40.8 (50)	14.5 (50)	
175				34.7 (33)	_ (0)	40.8 (50)	14.5 (50)	

CARIBBEAN SEA 18°N 63°W 0.68 km EN20-2 PISTON CORE REID, RSMAS CO₃⁼ = 85 μmol/kg

DEPTH IN CORE cm	CaCO ₃ CONTENT %	SIZE INDEX %	δ ¹⁸ O G. SAC. ‰	G. SAC. 355-420 μg	P. OBLIQ. 355-420 μg	N. DUT. 355-420 μg	G. RUBER 300-355 μg	RADIOCARBON AGE yrs
185				37.2 (26)	_ (0)	47.2 (50)	15.7 (50)	
197				_ (3)	_ (0)	43.1 (48)	14.5 (50)	
205				34.4 (21)	_ (0)	42.4 (50)	15.6 (50)	
215				40.0 (34)	_ (0)	47.9 (50)	14.4 (50)	
225				35.0 (44)	_ (4)	44.6 (50)	16.4 (49)	
235				35.1 (30)	_ (0)	45.0 (50)	14.8 (50)	
245				36.0 (42)	_ (0)	44.6 (50)	15.6 (49)	
255				36.9 (49)	_ (2)	44.8 (50)	15.8 (50)	

CARIBBEAN SEA 17°N 78°W 1.03 km 54 PISTON CORE								CO ₃ ⁼ = 93 μmol/kg
DEPTH IN CORE cm	CaCO ₃ CONTENT %	SIZE INDEX %	δ ¹⁸ O G. SAC. ‰	G. SAC. 355-420 μg	P. OBLIQ. 355-420 μg	N. DUT. 355-420 μg	G. RUBER 300-355 μg	RADIOCARBON AGE yrs
1				36.8 (50)	_ (4)	41.9 (46)	17.9 (50)	
11				33.4 (50)	_ (5)	43.7 (50)	17.7 (50)	
21				36.9 (50)	_ (3)	46.1 (50)	17.9 (50)	
31				37.3 (50)	_ (4)	44.3 (50)	19.2 (50)	
41				37.8 (50)	_ (11)	44.7 (50)	18.1 (50)	
51				38.1 (50)	45.7 (18)	44.0 (50)	18.8 (50)	
61				40.0 (50)	47.0 (24)	46.2 (50)	18.2 (50)	
71				39.2 (50)	46.2 (44)	46.3 (50)	17.5 (50)	
81				37.6 (50)	43.0 (51)	45.0 (50)	18.0 (50)	9800±80
91				43.2 (49)	43.5 (45)	51.0 (47)	18.0 (50)	11320±80
101				37.5 (19)	_ (1)	47.4 (31)	16.4 (50)	13240±80
111				40.7 (26)	_ (0)	49.0 (35)	18.6 (50)	
121				42.8 (46)	_ (0)	50.0 (50)	17.7 (50)	
131				42.0 (34)	_ (0)	46.5 (50)	17.4 (50)	
141				39.0 (50)	_ (0)	47.6 (50)	18.7 (50)	
151				41.8 (50)	_ (0)	47.4 (50)	19.7 (50)	
161				39.4 (50)	_ (0)	49.0 (50)	18.8 (50)	
171				43.7 (50)	_ (0)	48.2 (50)	18.7 (50)	
181				40.6 (50)	_ (0)	46.5 (50)	18.8 (50)	
191				42.4 (50)	_ (0)	47.7 (50)	18.7 (50)	

CARIBBEAN SEA 15°N 73°W 2.37 km RC13-187 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO CO ₃ ⁼ = 105 μmol/kg								
DEPTH IN CORE cm	CaCO ₃ CONTENT %	SIZE INDEX %	δ ¹⁸ O G. SAC. ‰	G. SAC. 355-420 μg	P. OBLIQ. 355-420 μg	N. DUT. 355-420 μg	G. RUBER 300-355 μg	RADIOCARBON AGE yrs
<i>TRIGGER WEIGHT CORE</i>								
1	48.2	23		24.6 (17)	29.7 (49)	33.4 (47)	_ (0)	
<i>PISTON CORE</i>								
1	47.7	24		27.8 (29)	28.4 (50)	34.9 (50)	_ (0)	
15	58.5	48		32.2 (50)	35.4 (50)	39.0 (50)	16.5 (50)	7795±65
29	35.0	28		27.8 (50)	33.2 (50)	38.1 (50)	15.4 (50)	11020±70
45	23.0	36		30.6 (50)	34.7 (50)	36.0 (50)	15.6 (50)	
60	31.0	19		28.7 (27)	_ (0)	33.3 (50)	_ (2)	
75	25.7	33		28.8 (28)	_ (5)	33.3 (50)	_ (0)	
90	23.7	15		_ (3)	_ (1)	_ (2)	_ (0)	
105	24.7	16		_ (11)	_ (0)	35.1 (50)	13.2 (18)	

CARIBBEAN SEA 15°N 73°W 3.21 km RC8-107 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO CO ₃ ⁼ = 105 μmol/kg								
DEPTH IN CORE cm	CaCO ₃ CONTENT %	SIZE INDEX %	δ ¹⁸ O G. SAC. ‰	G. SAC. 355-420 μg	P. OBLIQ. 355-420 μg	N. DUT. 355-420 μg	G. RUBER 300-355 μg	RADIOCARBON AGE yrs
<i>TRIGGER WEIGHT CORE</i>								
1	60.6		-1.53	35.5 (50)	40.2 (36)	44.0 (49)	18.3 (50)	
5	46.6		-1.36	36.3 (50)	38.8 (45)	40.7 (50)	18.1 (50)	
10	61.9		-1.74	35.7 (50)	38.0 (28)	38.5 (50)	18.0 (50)	
15	65.5		-1.50	36.4 (50)	37.0 (50)	40.0 (50)	17.9 (50)	5550±60
20	59.5		-1.32	37.0 (50)	38.9 (50)	39.2 (50)	18.2 (50)	
25	57.9		-1.14	35.7 (50)	37.2 (34)	43.2 (50)	17.5 (50)	9550±70
<i>PISTON CORE</i>								
10	66.2		-1.82	33.5 (47)	38.0 (35)	40.7 (50)	17.5 (50)	
20	63.9		-1.56	35.6 (50)	37.1 (45)	40.0 (50)	17.6 (50)	
40	62.0		-1.04	38.3 (50)	40.7 (49)	42.2 (49)	17.4 (49)	
60	62.1		-0.54	38.1 (50)	39.2 (49)	42.9 (49)	18.4 (50)	
80	45.0		0.37	45.1 (50)	_ (0)	46.4 (50)	19.5 (50)	
100	37.4		0.31	42.0 (50)	_ (0)	45.4 (50)	19.9 (50)	
120	42.8		0.29	41.5 (50)	_ (0)	43.0 (50)	18.5 (50)	
140	52.0		-0.10	39.5 (48)	_ (0)	44.3 (51)	19.1 (50)	

CARIBBEAN SEA 12°N 79°W 3.62 km V28-122 PISTON CORE LOTTI, LDEO CO₃²⁻ = 105 μmol/kg

DEPTH IN CORE cm	CaCO ₃ CONTENT %	SIZE INDEX %	δ ¹⁸ O G. SAC. ‰	G. SAC. 355-420 μg	P. OBLIQ. 355-420 μg	N. DUT. 355-420 μg	G. RUBER 300-355 μg	RADIOCARBON AGE yrs
4	49.1	60	-1.23	33.6 (50)	36.5 (40)	40.6 (50)	15.0 (50)	
10	51.9	47	-1.24	29.5 (50)	39.8 (31)	40.8 (50)	17.4 (50)	
21	55.5	54	-0.98	33.5 (50)	34.5 (50)	39.2 (50)	17.2 (50)	
31	49.3	61	-0.96	35.5 (50)	40.2 (45)	42.0 (50)	17.5 (50)	
41	48.0	57	-1.23	38.1 (50)	41.7 (35)	38.6 (50)	19.2 (50)	
51	50.3	55	-0.72	33.6 (50)	40.3 (41)	42.6 (50)	18.1 (50)	
59	46.8	_	-0.67	34.6 (99)	36.3 (54)	39.5 (100)	17.0 (100)	
69	46.1	59	-0.17	35.2 (50)	40.2 (50)	45.0 (50)	18.0 (50)	
79	29.1	43	-0.31	35.4 (50)	35.2 (45)	42.6 (49)	18.6 (50)	11360±75
89	34.0	32	-0.30	37.7 (50)	35.3 (18)	44.0 (50)	18.4 (51)	11180±75
100	19.0	22	0.17	39.4 (24)	_ (0)	42.9 (20)	16.6 (50)	14130±90
109	21.0	24	0.37	36.6 (31)	_ (0)	45.5 (50)	17.0 (50)	
121	24.8	37	0.26	40.3 (50)	_ (0)	44.4 (50)	18.1 (50)	
139	24.5	24	0.34	36.1 (47)	_ (0)	43.7 (50)	16.5 (50)	
149	29.5	24	0.41	37.0 (50)	_ (0)	42.4 (50)	17.4 (50)	
161	22.5	28	0.30	38.3 (22)	_ (2)	44.7 (50)	16.9 (50)	
169	19.9	18	0.31	38.1 (29)	_ (0)	44.8 (34)	16.7 (50)	
179	22.7	29	0.43	39.6 (50)	_ (1)	44.7 (50)	17.4 (50)	
189	35.3	19	0.23	37.7 (100)	_ (0)	46.3 (100)	17.0 (100)	
201	21.0	33	0.34	37.8 (50)	_ (0)	44.5 (50)	17.1 (49)	
209	25.2	39	0.28	40.4 (50)	_ (0)	47.6 (50)	19.5 (50)	
219	27.7	53	0.13	38.6 (50)	_ (0)	46.4 (50)	20.1 (50)	

CARIBBEAN SEA 12°N 79°W 3.62 km V28-122 PISTON CORE LOTTI, LDEO CO ₃ ^F = 105 μmol/kg								
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229	30.4	48	0.11	40.7 (50)	_ (0)	45.6 (50)	20.0 (50)	
239	21.8	51	0.05	38.1 (50)	_ (0)	42.6 (50)	18.5 (50)	
249	29.5	64	-0.15	37.9 (50)	_ (1)	43.1 (50)	17.8 (50)	
261	24.5	34	0.02	35.9 (93)	_ (0)	39.6 (99)	16.6 (100)	
269	14.2	55	0.11	38.1 (50)	_ (0)	44.1 (50)	17.9 (50)	
281	32.2	47	0.03	41.9 (50)	_ (2)	46.2 (50)	17.6 (50)	
289	30.8	49	0.13	40.8 (50)	_ (5)	43.6 (50)	18.8 (50)	
301	33.2	47	-0.12	41.8 (50)	38.8 (15)	48.4 (50)	19.7 (50)	
311	38.4	48	-0.06	40.9 (50)	39.1 (25)	43.6 (50)	18.1 (50)	
321	46.1	16	-0.39	38.3 (50)	36.9 (23)	42.7 (50)	18.6 (50)	
331	48.2	13	0.04	38.4 (48)	39.4 (42)	43.3 (50)	17.4 (50)	
341	31.4	49	0.04	38.5 (50)	36.6 (37)	41.6 (50)	18.2 (50)	
351	35.6	52	-0.04	37.4 (50)	38.7 (45)	40.4 (50)	18.0 (50)	
361	33.1	47	-0.45	36.1 (50)	35.0 (36)	42.8 (50)	17.7 (50)	
371	32.6	33	-0.19	37.5 (50)	39.2 (15)	40.6 (50)	19.2 (50)	
381	26.3	44	-0.31	38.5 (49)	_ (10)	43.3 (50)	19.0 (51)	
391	26.2	51	-0.18	35.7 (50)	_ (6)	42.7 (50)	19.4 (50)	
401	31	41	-0.26	34.5 (50)	_ (7)	43.9 (50)	17.5 (50)	
411	17.2	24	-0.12	38.0 (26)	_ (0)	41.9 (43)	16.4 (50)	
421	14.3	21	0.11	37.0 (26)	_ (0)	44.5 (25)	17.9 (50)	
431	16.2	21	0.03	38.0 (19)	_ (8)	42.1 (39)	16.2 (49)	
441	22.0	25	0.07	37.9 (50)	40.4 (22)	40.1 (50)	18.6 (50)	

CARIBBEAN SEA 12°N 79°W 3.62 km V28-122 PISTON CORE LOTTI, LDEO CO₃^F = 105 μmol/kg

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451	17.2	22	0.00	34.3 (50)	_ (3)	41.2 (50)	18.1 (50)	
461	17.3	18	-0.15	32.5 (20)	_ (0)	40.0 (50)	17.9 (50)	
471	21.1	30	-0.50	35.9 (50)	_ (4)	42.1 (50)	18.1 (49)	
481	16.5	34	-0.58	27.1 (31)	_ (2)	35.2 (50)	12.8 (50)	
491	14.1	_	-0.42	32.5 (38)	33.5 (42)	41.1 (50)	15.5 (50)	
501	20.6	28	-0.61	31.4 (25)	34.3 (38)	38.0 (50)	14.0 (50)	
511	20.4	39	-0.66	31.5 (35)	31.3 (38)	39.1 (50)	14.4 (50)	
521	23.1	32	-0.64	26.7 (31)	31.4 (50)	36.1 (50)	14.7 (50)	
531	24.8	24	-0.63	27.5 (50)	29.4 (50)	35.3 (50)	14.0 (50)	
541	21.7	44	-0.61	34.2 (50)	34.3 (50)	37.0 (50)	15.4 (50)	
551	27.4	28	-0.78	33.2 (49)	33.1 (19)	40.0 (49)	16.4 (50)	
561	15.0	29	-0.70	34.0 (36)	_ (3)	38.3 (50)	17.5 (50)	
571	17.3	33	-0.76	30.4 (39)	37.1 (14)	40.1 (50)	16.3 (50)	
580	21.2	30	-0.73	28.1 (21)	30.0 (50)	35.1 (50)	12.9 (50)	
590	24.3	30	-0.88	28.7 (30)	34.2 (17)	35.1 (48)	14.3 (48)	
601	35.1	34	-0.52	29.0 (50)	34.1 (23)	38.7 (50)	15.7 (50)	
611	35.3	43	-0.81	28.3 (50)	43.1 (20)	38.8 (50)	15.6 (50)	
621	30.9	29	-0.71	29.8 (13)	_ (7)	39.7 (50)	13.9 (41)	
630	36.7	61	-0.96	29.0 (50)	39.1 (33)	37.8 (50)	15.6 (50)	
641	40.4	33	-0.86	30.5 (50)	38.3 (24)	40.2 (50)	15.6 (50)	
650	27.6	51	-0.67	27.8 (50)	39.8 (22)	38.7 (50)	14.6 (49)	
660	16.0	43	-0.59	_ (5)	_ (7)	32.7 (50)	_ (4)	

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670	20.6	38	-0.57	30.9 (30)	31.0 (23)	37.9 (50)	12.3 (49)	
680	22.5	39		_ (3)	28.1 (33)	34.5 (49)	_ (5)	
690	22.5	26		_ (2)	27.4 (21)	31.2 (38)	_ (6)	
700	24.7	42	-1.25	_ (8)	31.9 (43)	39.6 (50)	_ (10)	
710	38.2	56	-0.99	28.0 (50)	34.5 (50)	40.8 (50)	13.5 (50)	
720	43.8	54	-1.59	28.6 (50)	36.7 (49)	38.3 (50)	15.1 (50)	
730	39.7	55	-1.23	34.1 (50)	37.3 (50)	36.1 (50)	16.2 (50)	
740	26.3	20	-0.43	31.3 (50)	_ (6)	36.3 (50)	16.2 (50)	
750	30.2	28	0.13	34.9 (50)	32.0 (50)	39.7 (50)	16.9 (50)	
760	29.3	27	0.22	31.4 (50)	_ (1)	40.1 (50)	15.7 (50)	
770	26.5	24	-0.31	33.6 (47)	_ (0)	41.0 (50)	15.3 (50)	
781	26.8	20	0.08	_ (12)	_ (0)	38.9 (50)	16.5 (50)	
791	24.0	30	-0.40	31.6 (50)	0	33.1 (50)	17.8 (50)	
800	23.8	_	-0.50	31.6 (50)	38.9 (17)	32.5 (50)	17.1 (50)	
810	32.7	48	-1.10	25.4 (50)	32.3 (49)	26.2 (50)	13.4 (50)	