

CORE-TOP SAMPLES EQUATORIAL ATLANTIC (except Eastern Atlantic >4 km)

| CORE NUMBER | LATITUDE | LONGITUDE | WATER DEPTH km | CaCO ₃ CONTENT % | SIZE INDEX % | G. SAC. 355-420 µg | P. OBLIQ. 355-420 µg | N. DUT. 355-420 µg | G. RUBER 300-355 µg | RADIOCARBON AGE yrs | CO ₃ ⁼ µmol/kg |
|-------------|----------|-----------|----------------|-----------------------------|--------------|--------------------|----------------------|--------------------|---------------------|---------------------|--------------------------------------|
| KNR110-82 | 4.3°N | 43.5°W | 2.82 | 67 | 55 | 36.1 | 43.3 | 46.6 | | | 112 |
| V22-32 | 1°N | 32°W | 3.00 | 81 | 51 | | | | | | 112 |
| KNR110-75 | 4.4°N | 43.4°W | 3.06 | 71 | 53 | 41.1 | 45.4 | 48.8 | 15.5 | | 112 |
| V25-54 | 1°W | 37°W | 3.06 | 67 | 64 | | | | | | 112 |
| V20-234 | 5°N | 33°W | 3.13 | 78 | 46 | 37.2 | 40.7 | 46.8 | | | 112 |
| KNR110-71 | 4.4°N | 43.7°W | 3.16 | 66 | 52 | 32.8 | 40.0 | 44.9 | 16.7 | | 112 |
| RC13-189 | 2°N | 30°W | 3.20 | 81 | 58 | | | | | | 112 |
| V25-63 | 4°N | 42°W | 3.21 | 65 | 49 | 33.3 | 39.5 | 41.9 | 18.5 | | 112 |
| V26-107 | 4.7°N | 46.9°W | 3.22 | 36 | 42 | | | | | | 112 |
| V14-05 | 1°N | 33°W | 3.26 | 55 | 67 | | | | | | 112 |
| V20-230 | 2°S | 39°W | 3.29 | 71 | 57 | | | | | | 112 |
| V31-139 | 5.6°N | 49.3°W | 3.31 | 24 | 50 | | | | | | 112 |
| RC15-175 | 4.5°N | 46.7°W | 3.35 | 41 | 52 | 35.3 | 40.3 | 42.0 | 18.3 | 2130 | 112 |
| V31-138 | 4.4°N | 46.5°W | 3.36 | 39 | 53 | 31.8 | 37.8 | 41.3 | - | | 112 |
| V24-259 | 3.1°N | 46.1° | 3.40 | 49 | 54 | 34.0 | 40.2 | 44.0 | 15.9 | | 112 |
| V22-31 | 1.9°N | 32.4°W | 3.44 | 77 | 60 | | | | | | 112 |
| RC13-184 | 3.9°N | 43.3°W | 3.45 | 68 | 63 | 37.1 | 43.3 | 46.0 | 18.1 | | 112 |
| RC13-188 | 1.8°N | 33.7°W | 3.45 | 82 | 63 | | | | | | 112 |
| V31-133 | 5.4°N | 46.7°W | 3.49 | 42 | 47 | 35.3 | 41.1 | 42.1 | 15.1 | | 112 |
| RC24-10 | 2°S | 11°W | 3.50 | 89 | 67 | | | | | | 112 |
| RC24-12 | 3°S | 11°W | 3.50 | 84 | 63 | | | | | | 112 |
| RC24-15 | 4°S | 11°W | 3.50 | 86 | 52 | | | | | | 112 |
| V25-65 | 2.3°N | 45.9°W | 3.52 | 54 | 49 | | | | | | 112 |
| V9-11 | 2°N | 36°W | 3.52 | 80 | 57 | | | | | | 112 |
| V22-30 | 3.3°N | 34.3°W | 3.53 | 77 | 65 | | | | | | 112 |
| KNR110-66 | 4.4°N | 43.4°W | 3.55 | 63 | 50 | 31.7 | 40.0 | 43.3 | 16.5 | | 112 |
| KNR110-56 | 4.4°N | 43.4°W | 3.55 | 67 | 60 | 37.0 | 41.5 | 43.8 | - | | 112 |

CORE-TOP SAMPLES EQUATORIAL ATLANTIC (except Eastern Atlantic >4 km)

| CORE NUMBER | LATITUDE | LONGITUDE | WATER DEPTH km | CaCO ₃ CONTENT % | SIZE INDEX % | G. SAC. 355-420 μg | P. OBLIQ. 355-420 μg | N. DUT. 355-420 μg | G. RUBER 300-355 μg | RADIOCARBON AGE yrs | CO ₃ ⁼ μmol/kg |
|-------------|----------|-----------|----------------|-----------------------------|--------------|--------------------|----------------------|--------------------|---------------------|---------------------|--------------------------------------|
| RC16-163 | 3°S | 35.9°W | 3.58 | 65 | 54 | | | | | | 112 |
| RC13-210 | 9°S | 11°W | 3.60 | 88 | 55 | | | | | | 112 |
| V27-181 | 0° | 26°W | 3.60 | 84 | 51 | | | | | | 112 |
| RC16-164 | 2°S | 37.4°W | 3.60 | 67 | 54 | | | | | | 112 |
| RC24-16 | 5°S | 10°W | 3.60 | 89 | 70 | | | | | | 112 |
| RC24-19 | 7°S | 10°W | 3.60 | 92 | 55 | | | | | | 112 |
| RC25-21 | 5.8°N | 47.8°W | 3.62 | 10 | 45 | | | | | | 111 |
| RC25-35 | 5.4°N | 46.7°W | 3.62 | 36 | 56 | | | | | | 111 |
| RC15-173 | 3.4°N | 45.7°W | 3.68 | 58 | 63 | 37.1 | 41.5 | 43.4 | 17.7 | | 111 |
| RC13-211 | 9°S | 11°W | 3.70 | 88 | 53 | | | | | | 111 |
| V30-40 | 0.0° | 23.0°W | 3.70 | 87 | 48 | | | | | | 111 |
| V30-40 | 0° | 23°W | 3.70 | 85 | 60 | | | | | | 111 |
| RC15-171 | 4.3°N | 44.0°W | 3.71 | 67 | 50 | | | | | | 111 |
| RC15-172 | 5.0°N | 44°W | 3.72 | 66 | - | 36.7 | 39.4 | 43.1 | 18.6 | | 111 |
| V25-60 | 3°N | 34°W | 3.75 | 77 | 70 | | | | | | 111 |
| RC13-190 | 2°N | 25°W | 3.80 | 81 | 61 | | | | | | 111 |
| RC24-27 | 5°S | 0° | 3.80 | 85 | 66 | | | | | | 111 |
| RC24-28 | 5°S | 0° | 3.80 | 85 | 60 | | | | | | 111 |
| KNR110-91 | 4.8°N | 43.3°W | 3.81 | 61 | 50 | 35.1 | 41.0 | 45.5 | 17.7 | | 111 |
| V25-59 | 1°N | 34°W | 3.82 | 75 | 52 | | | | | | |
| V9-28 | 3°N | 33°W | 3.84 | 75 | 58 | | | | | | |
| V20-253 | 2°S | 36°W | 3.88 | 74 | 64 | | | | | | |
| RC8-9 | 4°S | 33°W | 3.90 | 78 | 59 | | | | | | 107 |
| RC15-164 | 3°S | 30°W | 3.90 | 69 | 68 | | | | | | 107 |
| RC8-9 | 3.5°S | 33.3°W | 3.90 | 78 | 59 | | | | | | |
| RC24-7 | 1°S | 12°W | 3.90 | 83 | 46 | | | | | | |
| RC24-13 | 4°S | 11°W | 3.90 | 80 | 61 | | | | | | |

| CORE-TOP SAMPLES EQUATORIAL ATLANTIC (except Eastern Atlantic >4 km) | | | | | | | | | | | |
|--|----------|-----------|----------------|-----------------------------|--------------|--------------------|----------------------|--------------------|---------------------|---------------------|--------------------------------------|
| CORE NUMBER | LATITUDE | LONGITUDE | WATER DEPTH km | CaCO ₃ CONTENT % | SIZE INDEX % | G. SAC. 355-420 μg | P. OBLIQ. 355-420 μg | N. DUT. 355-420 μg | G. RUBER 300-355 μg | RADIOCARBON AGE yrs | CO ₃ ⁼ μmol/kg |
| V30-20 | 6.1°N | 46.3°W | 3.93 | 47 | 43 | | | | | | |
| RC15-164 | 3.0°S | 30.4°W | 3.94 | 69 | 58 | | | | | | |
| RC13-212 | 10°S | 8°W | 4.00 | 87 | 58 | | | | | | |
| RC24-9 | 2°S | 11°W | 4.00 | 83 | 49 | | | | | | |
| V9-27 | 0° | 30°W | 4.07 | 70 | 45 | | | | | | |
| V32-67 | 11°N | 43° | 4.10 | 75 | 57 | | | | | 3785 | 110 |
| V9-27 | 0° | 30°W | 4.10 | 72 | 50 | | | | | | |
| V27-177 | 6°N | 29°W | 4.10 | 71 | 58 | | | | | | |
| RC24-25 | 6°S | 1°W | 4.10 | 84 | 60 | | | | | | |
| V27-177 | 6°N | 29°W | 4.11 | 74 | 68 | | | | | | |
| V18-22 | 4.9°N | 44°W | 4.15 | 53 | 46 | 37.3 | 41.4 | 45.5 | 18.9 | | |
| V9-11 | 3°S | 32°W | 4.20 | 72 | 46 | | | | | | 95 |
| V27-176 | 7°N | 25°W | 4.20 | 66 | 56 | | | | | | |
| V25-64 | 3.7°N | 44°W | 4.24 | 50 | 47 | 36.0 | 41.3 | 42.4 | 17.2 | | |
| V22-24 | 13°N | 46°W | 4.30 | 63 | 37 | | | | | | 110 |
| V22-33 | 1°S | 30°W | 4.30 | 76 | 39 | | | | | 3240 | 92 |
| V26-100 | 2°S | 35°W | 4.30 | 60 | 38 | | | | | 3130 | 92 |
| V26-108 | 7°N | 47°W | 4.30 | 38 | 47 | | | | | | 100 |
| RC13-186 | 3.1°N | 43°W | 4.30 | 48 | 43 | 32.9 | 37.8 | 40.0 | 16.3 | | |
| RC13-185 | 3.1°N | 43°W | 4.30 | 45 | 48 | 32.1 | 38.0 | 39.5 | 15.3 | | |
| RC16-58 | 3.1°N | 43°W | 4.31 | 46 | 37 | 32.8 | 38.4 | 41.1 | 15.1 | | |
| KNR110-55 | 4.9°N | 42.9°W | 4.56 | 45 | 33 | 29.7 | 34.9 | 38.4 | | | 96 |
| RC8-6 | 4.9°N | 42°W | 4.56 | 45 | 36 | 30.8 | 36.3 | 37.6 | 14.8 | | |
| V30-27 | 3.6°N | 39°W | 4.57 | 42 | 37 | 25.7 | 29.0 | 33.5 | | | |
| V9-65 | 2°S | 32°W | 4.60 | 44 | 25 | | | | | | 88 |
| V26-99 | 1°S | 33°W | 4.60 | 41 | 19 | | | | | 4910 | 88 |
| V18-23 | 4.7°N | 38°W | 4.60 | 55 | 29 | 30.4 | 32.1 | 36.2 | 14.3 | | |

CORE-TOP SAMPLES EQUATORIAL ATLANTIC (except Eastern Atlantic >4 km)

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|-------------|----------|-----------|----------------|-----------------------------|--------------|--------------------|----------------------|--------------------|---------------------|---------------------|--------------------------------------|
| V9-26 | 2°S | 32°W | 4.60 | 44 | 25 | | | | | 7645 | |
| V30-25 | 4.8°N | 41°W | 4.69 | 36 | 32 | 27.0 | 26.9 | 32.0 | - | | |
| RC16-55 | 10°N | 45°W | 4.70 | 37 | 24 | | | | | | 103 |
| RC26-98 | 2°S | 31°W | 4.70 | 45 | 26 | | | | | | 86 |
| V30-24 | 6°N | 41°W | 4.70 | 42 | 35 | | | | | | 98 |
| V31-136 | 5°N | 42°W | 4.70 | 41 | 19 | | | | | | 98 |
| V30-24 | 5.8°N | 41°W | 4.70 | 39 | 32 | 27.0 | 30.5 | 36.2 | - | | |
| V16-55 | 10°N | 45°W | 4.70 | 37 | 24 | | | | | 3685 | |
| V25-48 | 5.1°N | 43°W | 4.71 | 34 | 15 | 28.7 | 26.8 | 31.3 | - | | |
| V31-136 | 5.2°N | 42°W | 4.71 | 37 | 19 | 24.8 | 30.4 | 33.4 | 14.8 | | |
| RC16-63 | 5.8°N | 40°W | 4.77 | 40 | 18 | - | 29.0 | 32.3 | - | 4295 | |
| RC16-62 | 8°N | 42°W | 4.80 | 42 | 17 | | | | | | 98 |
| RC16-63 | 6°N | 40°W | 4.80 | 35 | 23 | | | | | | 98 |
| V31-135 | 8°N | 43°W | 4.80 | 33 | 9 | | | | | 4705 | 98 |
| V22-37 | 7°S | 32°W | 4.90 | 17 | 12 | | | | | 11280 | 89 |
| V31-130 | 4°S | 30°W | 5.00 | 14 | 15 | | | | | 9555 | 83 |
| V31-130 | 4°S | 30°W | 5.00 | 14 | 11 | | | | | 9555 | |
| V30-31 | 4°S | 29°W | 5.10 | 19 | 11 | | | | | 15580 | 83 |
| RC17-17 | 11°N | 42°W | 5.20 | 34 | 9 | | | | | | 97 |
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CEARA RISE 4.3°N 43.5°W 2.82 km KNR110 GIANT GRAVITY CORE 82 CURRY, WHOI CO₃⁼ = 113 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 | 67.5 | 56 | | | | | | |
| 8 | 68.3 | 47 | | 34.2 (48) | 36.9 (40) | 38.9 (26) | | |
| 16 | 60.4 | 40 | | 37.1 (50) | 43.5 (50) | 42.5 (50) | | |
| 24 | 41.2 | 41 | | 39.2 (24) | 40.1 (43) | 47.4 (52) | | |
| 32 | 25.0 | 38 | | 41.1 (50) | _ (0) | 50.7 (21) | | |
| 40 | 26.7 | 45 | | 43.1 (50) | _ (0) | 52.3 (50) | | |
| 48 | 23.2 | 48 | | 39.8 (50) | _ (0) | 47.1 (41) | | |
| 56 | 22.9 | 38 | | 41.5 (50) | _ (0) | 50.2 (50) | | |
| 64 | 22.7 | 37 | | | | | | |
| 72 | 22.8 | 42 | | 42.1 (48) | _ (0) | 49.1 (37) | | |
| 80 | 30.1 | 41 | | 42.1 (50) | _ (0) | 49.4 (50) | | |
| 88 | 31.8 | 41 | | 43.0 (50) | _ (0) | 48.9 (50) | | |
| 96 | 38.0 | 48 | | 40.5 (50) | _ (0) | 49.4 (50) | | |
| 104 | 37.2 | 44 | | 42.9 (50) | _ (0) | 48.6 (50) | | |
| 112 | 40.3 | 40 | | 40.4 (50) | _ (0) | 47.3 (50) | | |
| 120 | 37.4 | 39 | | 41.7 (50) | _ (0) | 45.5 (50) | | |
| 128 | 33.1 | 38 | | 40.7 (50) | _ (0) | 47.7 (50) | | |
| 136 | 30.5 | 37 | | 40.9 (50) | _ (2) | 45.5 (50) | | |
| 144 | 32.9 | 44 | | 41.0 (50) | _ (6) | 46.3 (50) | | |
| 152 | 37.1 | 45 | | 39.5 (50) | 48.5 (37) | 46.9 (50) | | |
| 160 | 34.2 | 47 | | 40.5 (50) | 46.2 (50) | 45.6 (50) | | |
| 168 | 27.3 | 41 | | 37.1 (50) | 45.1 (50) | 45.3 (50) | | |

CEARA RISE 4.3°N 43.5°W 2.82 km KNR110 GIANT GRAVITY CORE 82 CURRY, WHOI CO₃⁼ = 113 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 176 | 31.8 | 40 | | 40.1 (50) | 41.8 (50) | 45.2 (50) | | |
| 184 | 35.3 | 37 | -0.53 | 39.9 (50) | 43.5 (50) | 43.7 (50) | | |
| 192 | 39.2 | 44 | -0.55 | 36.4 (50) | 43.5 (50) | 45.1 (50) | | |
| 200 | 33.5 | 38 | -0.59 | 35.3 (50) | 48.2 (50) | 47.3 (50) | | |
| 208 | 35.7 | 41 | -0.50 | 34.4 (50) | 45.5 (38) | 43.6 (50) | | |
| 216 | 30.7 | 47 | -0.40 | 34.9 (50) | 41.4 (48) | 42.3 (50) | | |
| 224 | 22.2 | 37 | 0.02 | 33.7 (50) | 44.9 (50) | 42.1 (36) | | |
| 232 | 20.2 | 32 | -0.25 | 34.1 (50) | 38.8 (50) | 40.8 (43) | | |
| 240 | 20.8 | 29 | 0.01 | 32.4 (45) | 37.8 (39) | 39.1 (15) | | |
| 248 | 20.9 | 24 | -0.36 | 31.4 (21) | 32.1 (22) | 36.5 (19) | | |
| 256 | 23.9 | 38 | -0.65 | 36.6 (50) | 40.4 (32) | 42.4 (48) | | |
| 264 | 29.9 | 39 | -0.88 | 35.7 (49) | 42.4 (50) | 42.9 (50) | | |
| 272 | 24.1 | 45 | -0.66 | 37.3 (50) | 43.4 (50) | 43.7 (50) | | |
| 280 | 43.9 | 37 | -1.15 | 36.9 (50) | 37.1 (50) | 46.5 (50) | | |
| 288 | 44.1 | 32 | -1.25 | 34.9 (50) | 40.4 (50) | 42.8 (51) | | |
| 296 | 33.9 | 49 | -1.01 | 35.9 (51) | 41.7 (50) | 45.5 (50) | | |
| 304 | 22.1 | 39 | -0.74 | 34.7 (36) | 40.6 (32) | 41.9 (29) | | |
| 312 | 26.8 | 35 | | 34.8 (50) | 42.0 (31) | 41.0 (50) | | |
| 320 | 32.5 | 41 | | 33.2 (50) | 44.7 (38) | 42.2 (50) | | |
| 328 | 33.6 | 37 | | 32.5 (50) | 44.7 (17) | 43.2 (50) | | |
| 336 | 34.0 | 37 | | 32.9 (50) | 45.9 (16) | 43.1 (50) | | |

CEARA RISE 4.3°N 43.5°W 2.82 km KNR110 GIANT GRAVITY CORE 82 CURRY, WHOI CO₃⁼ = 113 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 344 | 36.8 | 36 | | 31.8 (50) | 44.3 (23) | 44.8 (50) | | |
| 348 | 40.5 | 46 | | 33.7 (50) | 46.0 (44) | 44.9 (50) | | |
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MIDATLANTIC RIDGE 5.3°N 33.0°W 3.13 km V20-234 PISTON CORE LOTTI, LDEO CO₃⁼ = 112 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 2 | 75.1 | 45 | -1.52 | 37.2 (50) | 40.7 (50) | 46.8 (50) | | |
| 11 | 79.9 | 41 | -1.53 | 37.1 (50) | 39.0 (50) | 45.1 (50) | | |
| 21 | 84.0 | 36 | -1.26 | 40.0 (50) | 38.5 (50) | 44.9 (50) | | |
| 30 | 76.7 | 39 | -1.16 | 38.8 (50) | 40.4 (50) | 45.0 (50) | | |
| 41 | 69.8 | 39 | -0.52 | 40.9 (50) | 37.9 (50) | 44.0 (50) | | |
| 51 | 57.1 | 30 | 0.10 | 37.2 (50) | 42.0 (12) | 45.8 (50) | | |
| 60 | 54.4 | 40 | 0.32 | 42.2 (50) | 39.6 (12) | 47.5 (50) | | |
| 71 | 49.7 | 44 | -0.24 | 42.6 (50) | 42.1 (37) | 45.8 (50) | | |
| 81 | 53.9 | 37 | 0.08 | 41.5 (50) | _ (0) | 50.4 (49) | | |
| 91 | 58.5 | 41 | 0.07 | 42.5 (50) | _ (0) | 47.4 (50) | | |
| 100 | 61.8 | 45 | -0.04 | 41.7 (50) | _ (0) | 51.1 (50) | | |
| 109 | 62.4 | 43 | 0.22 | 41.0 (50) | _ (2) | 48.1 (50) | | |
| 121 | 60.3 | 41 | -0.01 | 39.3 (50) | _ (8) | 46.3 (50) | | |
| 131 | 63.0 | 41 | -0.18 | 37.3 (50) | _ (6) | 41.1 (50) | | |
| 141 | 53.0 | 48 | -0.06 | 41.0 (50) | _ (9) | 43.2 (50) | | |
| 151 | 58.4 | 45 | -0.39 | 40.8 (50) | _ (0) | 43.8 (50) | | |
| 161 | 59.4 | 40 | -0.56 | 38.1 (50) | 43.3 (50) | 45.2 (50) | | |
| 171 | 54.1 | 41 | -0.15 | 36.5 (50) | 44.6 (50) | 44.4 (50) | | |
| 181 | 53.8 | 36 | -0.40 | 39.4 (50) | 43.3 (50) | 43.7 (50) | | |
| 191 | 68.6 | 38 | -0.49 | 37.9 (50) | 41.9 (50) | 43.7 (50) | | |
| 201 | 61.2 | 39 | -0.22 | 38.4 (50) | 43.9 (50) | 45.0 (50) | | |
| 211 | 62.1 | 41 | -0.59 | 38.5 (50) | 47.4 (50) | 44.2 (50) | | |

MIDATLANTIC RIDGE 5.3°N 33.0°W 3.13 km V20-234 PISTON CORE LOTTI, LDEO CO₃²⁻ = 112 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 221 | 52.6 | 34 | -0.09 | 35.5 (50) | 44.8 (50) | 43.8 (50) | | |
| 231 | 40.2 | 23 | -0.07 | 33.7 (50) | 37.7 (46) | 43.1 (35) | | |
| 241 | 42.9 | 30 | -0.37 | 33.3 (48) | 38.0 (50) | 41.0 (49) | | |
| 251 | 40.6 | 36 | -0.80 | 35.2 (50) | 38.9 (50) | 42.0 (50) | | |
| 261 | 52.9 | 47 | -0.97 | 40.9 (50) | 44.4 (50) | 47.8 (50) | | |
| 271 | 59.2 | 53 | -1.09 | 41.1 (50) | 41.0 (50) | 46.7 (50) | | |
| 281 | 70.0 | 49 | -0.77 | 36.3 (50) | 40.3 (50) | 44.4 (49) | | |
| 291 | 65.0 | 34 | -0.92 | 34.9 (50) | 39.6 (50) | 40.2 (50) | | |
| 301 | 62.0 | 46 | -0.94 | 33.9 (50) | 39.4 (49) | 39.1 (50) | | |
| 311 | 61.9 | 48 | | 32.6 (50) | 40.0 (50) | 42.3 (50) | | |
| 321 | 66.8 | 50 | -1.19 | 33.6 (50) | 41.6 (29) | 41.5 (50) | | |
| 332 | 73.0 | 52 | -1.17 | 32.3 (50) | 41.1 (47) | 42.0 (50) | | |
| 342 | 58.3 | 53 | -0.68 | 35.2 (47) | 39.2 (50) | 40.1 (50) | | |
| 352 | 50.8 | 50 | -0.99 | 37.1 (49) | 39.2 (50) | 45.4 (50) | | |
| 360 | 57.8 | 54 | -1.15 | 37.1 (50) | 39.9 (50) | 44.1 (50) | | |
| 370 | 58.6 | 55 | -1.76 | 31.6 (100) | 39.9 (100) | 42.3 (100) | | |
| 380 | 75.4 | 43 | -1.91 | 29.7 (102) | 39.7 (93) | 38.5 (100) | | |
| 390 | 82.5 | 49 | -1.59 | 30.2 (50) | 33.5 (50) | 35.1 (50) | | |
| 399 | 72.5 | 45 | -1.60 | 29.9 (50) | 30.2 (49) | 35.2 (47) | | |
| 410 | 60.1 | 56 | -1.11 | 31.4 (40) | 30.3 (50) | 30.8 (50) | | |
| 420 | 53.8 | 24 | -0.81 | 32.0 (50) | 37.8 (30) | 33.1 (50) | | |

MIDATLANTIC RIDGE 5.3°N 33.0°W 3.13 km V20-234 PISTON CORE LOTTI, LDEO CO₃⁼ = 112 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 429 | 48.4 | 32 | -0.59 | 34.5 (50) | 36.4 (50) | 34.9 (50) | | |
| 441 | 49.4 | 27 | -0.40 | 33.9 (49) | 32.7 (50) | 42.3 (50) | | |
| 450 | 52.5 | 37 | -0.34 | 35.3 (50) | 40.1 (18) | 41.3 (51) | | |
| 460 | 57.5 | 38 | -0.32 | 38.1 (50) | 41.9 (45) | 43.5 (50) | | |
| 465 | 63.8 | | | 36.2 (50) | 38.2 (50) | 40.0 (50) | | |
| 470 | 67.3 | 68 | -0.58 | 33.9 (100) | 40.3 (100) | 39.3 (100) | | |
| 480 | 53.7 | 38 | -0.28 | 36.9 (50) | _ (4) | 45.6 (50) | | |
| 490 | 53.8 | 38 | -0.18 | 37.8 (50) | _ (6) | 46.3 (50) | | |
| 500 | 50.0 | 36 | -0.17 | 40.0 (50) | _ (2) | 43.0 (50) | | |
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CEARA RISE 5.3°N 44.3°W 3.29 km EW9209 JUMBO PISTON CORE 3 CURRY, WHOI CO₃⁼ = 111 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 450 | 18.9 | 41 | | 30.9 (50) | 37.2 (46) | 39.1 (50) | | |
| 455 | 16.7 | 39 | | 27.9 (50) | 32.1 (43) | 36.6 (49) | | |
| 460 | 21.3 | 37 | | 33.4 (50) | 36.5 (36) | 37.5 (50) | | |
| 465 | 21.5 | 40 | | 31.1 (50) | 36.4 (50) | 37.3 (50) | | |
| 470 | 18.7 | 41 | | 32.1 (50) | 33.4 (33) | 35.0 (50) | | |
| 475 | 22.2 | 41 | | 31.1 (50) | 36.2 (26) | 39.0 (50) | | |
| 480 | 28.2 | 41 | | 33.6 (50) | 35.3 (45) | 40.6 (50) | | |
| 485 | 34.7 | 41 | | 34.1 (50) | 35.6 (29) | 43.8 (50) | | |
| 490 | 34.2 | 44 | | 33.9 (50) | 38.3 (24) | 40.1 (50) | | |
| 495 | 35.7 | 44 | | 32.8 (50) | 34.1 (32) | 41.3 (49) | | |
| 500 | 22.3 | 41 | | 30.6 (50) | 35.8 (39) | 37.8 (50) | | |
| 505 | 15.6 | 27 | | _ (7) | 32.3 (13) | _ (3) | | |
| 508 | 15.6 | 30 | | _ (9) | 31.7 (26) | 36.6 (27) | _ (11) | |
| 510 | 17.3 | 33 | | 27.0 (14) | 32.6 (26) | 33.4 (29) | _ (5) | |
| 512 | 17.6 | 30 | | 26.5 (25) | 32.8 (25) | 33.8 (42) | 13.5 (49) | |
| 515 | 18.4 | 36 | | 24.4 (40) | 36.6 (38) | 35.2 (50) | 12.7 (50) | |
| 520 | 24.6 | 46 | | 31.0 (50) | 37.8 (36) | 36.9 (50) | 16.2 (50) | |
| 525 | 22.2 | 45 | | 36.1 (50) | 39.9 (38) | 40.3 (50) | 16.1 (50) | |
| 530 | 25.3 | 42 | | 33.4 (50) | 43.4 (22) | 40.5 (50) | 15.9 (50) | |
| 535 | 27.1 | 41 | | 33.8 (50) | 39.6 (17) | 41.7 (50) | 19.0 (51) | |
| 540 | 27.9 | 41 | | 31.0 (50) | 42.5 (15) | 39.0 (50) | 18.1 (49) | |
| 545 | 27.1 | 42 | | 31.6 (50) | _ (6) | 38.5 (50) | 17.3 (50) | |

CEARA RISE 5.3°N 44.3°W 3.29 km EW9209 JUMBO PISTON CORE 3 CURRY, WHOI CO₃²⁻ = 111 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 550 | 29.3 | 45 | | 32.3 (50) | 45.1 (15) | 40.5 (50) | 18.0 (50) | |
| 555 | 33.7 | 41 | | 32.3 (50) | 42.4 (18) | 42.4 (50) | 18.2 (50) | |
| 560 | 37.4 | 39 | | 30.4 (50) | 45.0 (20) | 40.1 (50) | 17.4 (50) | |
| 565 | 34.8 | 43 | | 31.0 (50) | 44.0 (18) | 41.5 (50) | 17.1 (50) | |
| 570 | 37.1 | 49 | | 33.6 (50) | 43.2 (30) | 41.4 (50) | 17.4 (50) | |
| 575 | 35.5 | 56 | | 32.6 (50) | 44.7 (50) | 45.2 (50) | 17.2 (50) | |
| 580 | 28.8 | 51 | | 34.4 (50) | 39.5 (27) | 40.9 (50) | 16.8 (49) | |
| 585 | 21.7 | 41 | | 29.0 (50) | 37.3 (36) | 38.9 (50) | 13.2 (50) | |
| 590 | 11.9 | 38 | | 27.6 (21) | _ (9) | 37.8 (15) | 17.4 (50) | |
| 595 | 8.2 | 27 | | _ (5) | 29.2 (16) | 33.1 (24) | _ (2) | |
| 600 | 11.2 | 27 | | 30.6 (23) | 33.3 (13) | 37.9 (30) | 14.8 (19) | |
| 605 | 13.2 | 46 | | _ (8) | _ (11) | 35.8 (21) | _ (3) | |
| 610 | 16.4 | 46 | | 29.5 (50) | 35.3 (16) | 36.0 (38) | 15.4 (28) | |
| 615 | 19.6 | 49 | | 31.1 (50) | _ (7) | 40.7 (43) | 15.8 (49) | |
| 620 | 24.6 | 62 | | 29.7 (50) | 35.0 (21) | 40.4 (45) | 16.7 (50) | |
| 625 | 31.9 | 57 | | 30.9 (50) | 41.9 (25) | 41.3 (50) | 17.9 (50) | |
| 630 | 46.0 | 61 | | 32.8 (50) | 44.0 (50) | 44.2 (50) | 18.7 (50) | |
| 635 | 55.3 | 50 | | 33.8 (50) | 44.0 (49) | 38.9 (50) | 17.0 (50) | |
| 640 | 62.0 | 50 | | 33.0 (50) | 37.6 (50) | 37.7 (50) | 16.4 (50) | |
| 645 | 47.3 | 46 | | 31.0 (50) | 36.8 (50) | 33.2 (50) | 17.2 (51) | |
| 650 | 35.8 | 47 | | 28.3 (50) | 32.0 (50) | 32.4 (50) | 15.8 (50) | |

CEARA RISE 5.3°N 44.3°W 3.29 km EW9209 JUMBO PISTON CORE 3 CURRY, WHOI $\text{CO}_3^{2-} = 111 \mu\text{mol/kg}$

| 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 |
|------------------------|-----------------------------------|--------------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|---------------------------|
| 655 | 29.0 | 48 | | 30.1 (50) | 38.2 (36) | 34.7 (50) | 16.5 (50) | |
| 660 | 20.2 | 36 | | 29.3 (50) | 35.7 (29) | 33.5 (20) | 15.6 (50) | |
| NO SONIFICATION | | | | | | | | |
| 295 | | | | 37.3 (50) | 43.7 (50) | 44.2 (50) | 16.8 (50) | |
| 340 | 12 GRAM SAMPLE! | | | 30.8 (50) | 29.1 (38) | 38.2 (49) | 17.3 (42) | |
| 380 | | | | 31.2 (48) | 35.4 (38) | 40.0 (50) | 13.2 (50) | |
| 495 | | | | 41.6 (50) | 41.1 (50) | 46.7 (50) | 20.9 (50) | |
| 507 | | | | 31.8 (49) | 35.3 (50) | 37.2 (50) | 20.4 (49) | |
| 512 | | | | 33.9 (50) | 36.3 (50) | 37.2 (50) | 17.8 (50) | |
| 585 | | | | 37.6 (50) | 40.4 (49) | 42.5 (50) | 16.1 (50) | |
| 595 | | | | 31.3 (40) | 29.3 (26) | _ (4) | _ (4) | |
| 605 | | | | 33.6 (40) | 34.8 (38) | 37.5 (50) | 14.2 (29) | |
| 615 | | | | 36.8 (50) | 34.9 (20) | 42.8 (44) | 17.9 (50) | |
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CEARA RISE 4.5°N 47°W 3.35 km RC15-175 TRIGGER WT. CORE LOTTI, LDEO $\text{CO}_3^{2-} = 112 \mu\text{mol/kg}$

| 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 |
|------------------------|-----------------------------------|--------------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|---------------------------|
| 2 | 36.0 | 45 | | 35.3 (50) | 40.3 (29) | 42.0 (29) | 18.3 (53) | 2130±50 |
| 4 | 34.8 | 47 | | 35.2 (50) | 42.9 (34) | 42.8 (27) | 20.7 (50) | |
| 6 | 32.6 | 52 | | 34.8 (50) | 40.7 (46) | 37.5 (30) | 18.2 (52) | |
| 8 | 29.1 | 53 | | 35.4 (50) | 38.2 (50) | 39.9 (38) | 20.4 (50) | |
| 10 | 34.2 | 38 | | 35.4 (50) | 39.0 (51) | 41.4 (38) | 18.8 (50) | |
| 12 | 31.4 | 49 | | 34.8 (50) | 38.9 (50) | 36.1 (46) | 19.3 (50) | |
| 14 | 36.3 | 35 | | 31.4 (50) | 37.7 (50) | 38.3 (29) | 18.0 (50) | |
| 16 | 35.2 | 57 | | 33.4 (50) | 38.3 (50) | 39.0 (41) | 18.0 (50) | |
| 18 | 40.0 | 75 | | 38.0 (50) | 40.5 (50) | 43.5 (50) | 19.8 (50) | 7180±60 |
| 20 | 40.0 | 43 | | 32.1 (50) | 36.9 (51) | 37.3 (39) | 17.4 (50) | |
| 22 | 36.6 | 54 | | 33.3 (50) | 38.1 (50) | 40.5 (34) | 17.9 (50) | |
| 24 | 43.6 | 36 | | 35.4 (50) | 39.5 (50) | 39.9 (50) | 17.0 (50) | |
| 26 | 30.7 | 55 | | 35.6 (49) | 38.3 (50) | 39.4 (50) | 19.3 (50) | |
| 28 | 26.0 | 66 | | 34.5 (50) | 39.6 (50) | 42.8 (50) | 17.3 (50) | |
| 30 | 31.0 | 54 | | 33.8 (50) | 40.7 (50) | 40.9 (50) | 18.3 (49) | |
| 32 | 20.5 | 69 | | 33.9 (50) | 39.8 (50) | 44.0 (44) | 18.0 (50) | 9720±80 |
| 34 | 21.1 | 54 | | 33.4 (50) | 38.1 (37) | 41.2 (19) | 18.5 (50) | |
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CEARA RISE 5.6°N 44.5°W 3.53 km EW 9209 JUMBO PISTON CORE 2 CURRY, WHOI CO₃⁼ = 111 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 250 | 29.3 | 31 | | 34.8 (23) | 40.8 (30) | 43.4 (37) | | |
| 255 | 29.2 | 41 | | 36.7 (38) | 38.9 (29) | 40.8 (28) | | |
| 260 | 30.0 | 37 | | 37.3 (44) | 39.0 (49) | 41.5 (50) | | |
| 265 | 30.6 | 44 | | 36.4 (49) | 37.0 (37) | 43.3 (50) | | |
| 270 | 31.0 | 43 | | 34.6 (50) | 40.5 (50) | 43.2 (50) | | |
| 275 | 30.0 | 41 | | 35.3 (50) | 36.7 (49) | 38.3 (50) | | |
| 280 | 25.1 | 36 | | 28.2 (50) | 40.3 (34) | 35.7 (50) | | |
| 285 | 27.8 | 41 | | 33.8 (50) | 39.8 (18) | 39.0 (50) | | |
| 290 | 31.4 | 35 | | 33.4 (50) | 39.7 (30) | 40.5 (50) | | |
| 295 | 27.2 | 38 | | 31.2 (50) | 40.6 (29) | 40.7 (50) | | |
| 300 | 21.2 | 29 | | 25.7 (12) | 32.9 (41) | 36.0 (16) | | |
| 305 | 18.2 | 30 | | _ (3) | 30.9 (40) | 34.5 (11) | | |
| 310 | 7.2 | 13 | | _ (0) | _ (0) | _ (0) | | |
| 315 | 11.8 | 16 | | _ (0) | _ (0) | _ (0) | | |
| 320 | 11.5 | 10 | | _ (0) | _ (0) | _ (0) | | |
| 325 | 8.9 | 11 | | _ (0) | _ (0) | _ (0) | | |
| 330 | 9.4 | 7 | | _ (0) | _ (0) | _ (0) | | |
| 335 | 15.4 | 23 | | _ (13) | _ (12) | _ (15) | | |
| 340 | 9.2 | 20 | | _ (0) | _ (0) | _ (0) | | |
| 345 | 10.0 | 14 | | _ (0) | _ (0) | _ (0) | | |
| 350 | 13.8 | 12 | | _ (0) | _ (0) | _ (0) | | |
| 355 | 16.9 | 19 | | _ (0) | _ (0) | _ (0) | | |

CEARA RISE 5.6°N 44.5°W 3.53 km EW 9209 JUMBO PISTON CORE 2 CURRY, WHOI CO₃²⁻ = 111 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 360 | 16.1 | 28 | | _ (2) | 31.7 (25) | 33.4 (30) | | |
| 365 | 15.7 | 30 | | _ (0) | 30.1 (29) | 31.6 (13) | | |
| 370 | 18.4 | 32 | | _ (2) | 32.0 (18) | 31.2 (31) | | |
| 375 | 18.8 | 42 | | 29.3 (40) | 32.1 (47) | 36.4 (50) | | |
| 380 | 18.8 | 42 | | 32.1 (43) | 32.8 (33) | 35.4 (40) | | |
| 385 | 18.1 | 35 | | 24.7 (21) | 29.8 (30) | 33.1 (50) | | |
| 390 | 27.5 | 43 | | 30.6 (50) | 33.2 (42) | 36.5 (50) | | |
| 395 | 25.5 | 51 | | 34.8 (50) | 33.7 (44) | 39.6 (50) | | |
| 400 | 36.1 | 43 | | 33.4 (50) | 38.5 (27) | 41.6 (50) | | |
| 405 | 30.5 | 47 | | 35.9 (50) | 39.4 (25) | 40.2 (50) | 16.9 (50) | |
| 410 | 29.1 | 44 | | 33.8 (50) | 38.7 (33) | 41.4 (50) | 16.0 (50) | |
| 415 | 18.5 | 40 | | 27.6 (50) | 34.4 (31) | 36.0 (47) | 15.5 (50) | |
| 420 | 11.5 | 24 | | _ (1) | _ (7) | _ (5) | _ (0) | |
| 425 | 12.2 | 27 | | _ (0) | 27.0 (26) | 28.8 (9) | _ (0) | |
| 430 | 13.0 | 23 | | _ (0) | 29.9 (11) | _ (2) | _ (0) | |
| 435 | 16.5 | 26 | | _ (2) | 31.4 (9) | 30.4 (12) | _ (2) | |
| 440 | 21.7 | 31 | | 31.0 (37) | 35.2 (18) | 34.4 (33) | 13.9 (50) | |
| 445 | 22.3 | 44 | | 32.1 (50) | 39.4 (23) | 37.2 (50) | 15.3 (50) | |
| 450 | 21.7 | 41 | | 31.0 (50) | 39.8 (16) | 35.8 (47) | 16.2 (50) | |
| 455 | 24.6 | 36 | | 29.6 (50) | 38.3 (20) | 36.4 (50) | | |
| 460 | 25.8 | 41 | | 30.8 (50) | 38.0 (19) | 37.9 (50) | | |

CEARA RISE 5.6°N 44.5°W 3.53 km EW 9209 JUMBO PISTON CORE 2 CURRY, WHOI CO₃⁼ = 111 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 465 | 25.0 | 45 | | 31.3 (50) | 42.9 (16) | 40.6 (50) | | |
| 470 | 24.2 | 45 | | 28.9 (50) | _ (8) | 38.1 (50) | | |
| 475 | 29.7 | 40 | | 32.4 (50) | 42.5 (19) | 39.4 (50) | | |
| 480 | 29.4 | 38 | | 31.2 (50) | 39.2 (10) | 38.5 (35) | | |
| 485 | 31.0 | 47 | | 31.1 (50) | 41.8 (25) | 41.1 (50) | | |
| 490 | 33.6 | 43 | | 31.9 (48) | 43.3 (21) | 43.8 (49) | | |
| 495 | 33.2 | 48 | | 31.3 (46) | 40.7 (26) | 42.4 (50) | | |
| 500 | 30.4 | 47 | | 29.3 (50) | 40.3 (18) | 39.3 (50) | | |
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CEARA RISE 4.6°N 43.4°W 3.55 km KNR110 GIANT GRAVITY CORE 66 CURRY, WHOI CO₃⁼ = 111 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 2 | 60.6 | 46 | | | | | | |
| 4 | 63.3 | | | | | | | |
| 8 | 66.5 | 49 | | 31.7 (50) | 40.0 (50) | 43.3 (47) | | |
| 16 | 57.7 | 46 | | 33.3 (50) | 41.1 (50) | 44.7 (50) | | |
| 24 | 42.4 | 53 | | 36.0 (50) | 40.6 (50) | 43.8 (50) | | |
| 32 | 33.0 | 44 | | 35.9 (50) | 38.4 (27) | 43.6 (50) | | |
| 40 | 21.9 | 32 | | 34.9 (21) | _ (0) | 41.8 (50) | | |
| 48 | 19.8 | 34 | | _ (8) | _ (0) | _ (4) | | |
| 56 | 21.8 | 39 | | 37.3 (29) | _ (0) | 41.5 (25) | | |
| 64 | 19.1 | 43 | | 36.5 (50) | _ (0) | 43.1 (50) | | |
| 72 | 19.0 | 51 | | 31.0 (19) | _ (0) | 41.4 (25) | | |
| 80 | 15.2 | 50 | | | | | | |
| 88 | 23.8 | 42 | | 36.4 (50) | _ (0) | 43.7 (50) | | |
| 96 | 23.3 | 39 | | 34.5 (50) | _ (0) | 45.9 (50) | | |
| 104 | 25.5 | 40 | | 35.2 (50) | _ (0) | 42.8 (50) | | |
| 112 | 30.3 | 47 | | 33.2 (50) | _ (0) | 42.4 (50) | | |
| 120 | 29.2 | 49 | | 33.7 (50) | _ (0) | 43.2 (50) | | |
| 128 | 35.4 | 34 | | 34.5 (50) | _ (0) | 44.0 (50) | | |
| 136 | 28.9 | 45 | | 33.3 (50) | _ (0) | 39.8 (50) | | |
| 144 | 23.2 | 50 | | 36.4 (50) | _ (0) | 41.7 (50) | | |
| 152 | 27.3 | 43 | | 38.0 (50) | _ (0) | 43.0 (50) | | |
| 160 | 31.9 | 40 | | 36.4 (50) | _ (0) | 41.5 (50) | | |

CEARA RISE 4.6°N 43.4°W 3.55 km KNR110 GIANT GRAVITY CORE 66 CURRY, WHOI CO₃⁼ = 111 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 168 | 32.0 | 44 | | 34.5 (50) | 40.7 (21) | 42.5 (50) | | |
| 176 | 27.5 | 44 | | 34.7 (49) | 42.0 (53) | 43.5 (50) | | |
| 184 | 24.9 | 42 | | 35.2 (50) | 42.1 (50) | 42.6 (50) | | |
| 192 | 32.5 | 37 | | 39.9 (50) | 43.8 (50) | 41.7 (50) | | |
| 200 | 34.1 | 44 | -0.64 | 37.6 (50) | 42.9 (50) | 43.5 (50) | | |
| 208 | 34.2 | 45 | -0.49 | 34.5 (50) | 43.2 (50) | 43.0 (50) | | |
| 216 | 29.9 | 46 | -0.57 | 33.7 (50) | 45.2 (50) | 43.4 (50) | | |
| 224 | 27.8 | 43 | -0.32 | 32.3 (50) | 42.9 (50) | 43.2 (50) | | |
| 232 | 13.4 | 16 | 0.03 | _ (0) | _ (1) | _ (0) | | |
| 240 | 12.2 | 24 | -0.33 | _ (0) | _ (4) | _ (0) | | |
| 248 | 11.3 | 11 | | _ (0) | _ (0) | _ (0) | | |
| 256 | 19.0 | 28 | -0.79 | 31.4 (10) | 34.9 (17) | 35.4 (36) | | |
| 264 | 20.4 | 36 | -1.54 | 28.6 (35) | 37.6 (44) | 38.9 (52) | | |
| 272 | 29.6 | 41 | -1.03 | 31.0 (51) | 37.9 (40) | 40.8 (50) | | |
| 280 | 35.0 | 48 | | 35.2 (50) | 39.2 (50) | 45.6 (50) | | |
| 288 | 17.5 | 37 | -0.74 | 30.1 (13) | 35.5 (29) | 38.2 (23) | | |
| 296 | 16.6 | 36 | -1.08 | _ (0) | 34.9 (29) | 34.6 (10) | | |
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CEARA RISE 4.0°N 43.0°W 3.5 km RC16-59 PISTON CORE LOTTI, LDEO $\text{CO}_3^{2-} = 111 \mu\text{mol/kg}$

| 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 |
|------------------------|-----------------------------------|--------------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|---------------------------|
| 180 | 36.3 | 38 | -0.56 | 44.3 (50) | 43.7 (49) | 44.3 (49) | | |
| 190 | 41.0 | 41 | -0.64 | 38.8 (50) | 44.8 (50) | 46.2 (50) | | |
| 200 | 33.6 | 47 | -0.38 | 39.1 (50) | 42.9 (50) | 49.3 (50) | | |
| 210 | 33.3 | 45 | -0.65 | 38.9 (50) | 46.8 (47) | 45.1 (50) | | |
| 220 | 28.4 | 30 | -0.20 | 32.6 (50) | 39.7 (44) | 42.9 (46) | | |
| 230 | 19.2 | 33 | -0.13 | 30.8 (17) | 36.1 (50) | 37.7 (22) | | |
| 240 | 16.6 | 19 | | _ (0) | _ (0) | _ (0) | | |
| 250 | 18.8 | 19 | -0.68 | _ (3) | 29.7 (14) | 31.1 (8) | | |
| 260 | 21.7 | 25 | -0.74 | 31.3 (27) | 33.6 (26) | 34.8 (16) | | |
| 270 | 21.9 | 39 | -0.55 | 33.6 (50) | 37.6 (50) | 41.2 (50) | | |
| 280 | 30.3 | 42 | -1.07 | 37.1 (50) | 38.4 (50) | 43.5 (50) | | |
| 290 | 44.2 | 40 | -1.08 | 37.3 (50) | 39.8 (50) | 45.7 (50) | | |
| 300 | 36.4 | 44 | -1.25 | 38.6 (50) | 40.2 (50) | 45.6 (50) | | |
| 310 | 31.0 | 26 | -1.22 | 35.2 (45) | 38.8 (38) | 41.7 (50) | | |
| 320 | 20.1 | 28 | -1.10 | 26.7 (10) | 33.8 (22) | 35.3 (22) | | |
| 330 | 35.6 | 30 | -1.02 | 36.1 (50) | 40.8 (25) | 42.0 (50) | | |
| 340 | 34.8 | 50 | -1.23 | 32.1 (50) | 43.1 (20) | 42.4 (47) | | |
| 350 | 35.2 | 43 | -1.35 | 33.3 (48) | 44.1 (28) | 42.9 (50) | | |
| 360 | 42.3 | 44 | -1.44 | 34.8 (50) | 45.8 (50) | 43.8 (50) | | |
| 370 | 40.0 | 54 | -1.29 | 34.2 (50) | 42.8 (50) | 41.6 (50) | | |
| 380 | 28.8 | 39 | -1.27 | 32.7 (34) | 38.6 (36) | 42.0 (50) | | |
| 390 | 26.6 | 25 | _ | _ (0) | 33.3 (16) | 35.4 (8) | | |

CEARA RISE 4.0°N 43.0°W 3.5 km RC16-59 PISTON CORE LOTTI, LDEO $\text{CO}_3^{2-} = 111 \text{ } \mu\text{mol/kg}$

| 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 |
|------------------------|-----------------------------------|--------------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|---------------------------|
| 400 | 28.3 | 52 | -1.38 | 34.0 (50) | 40.3 (50) | 43.4 (50) | | |
| 410 | 46.6 | 44 | -1.49 | 32.3 (50) | 43.0 (44) | 42.6 (50) | | |
| 420 | 68.7 | 62 | -1.84 | 30.1 (50) | 40.4 (50) | 39.7 (50) | | |
| 430 | 45.1 | 45 | -1.29 | 28.7 (29) | 32.9 (30) | 32.8 (22) | | |
| 440 | 24.6 | 28 | -1.02 | 26.4 (15) | 31.6 (30) | 31.9 (24) | | |
| 450 | 33.4 | 35 | -0.23 | 32.3 (45) | 33.5 (35) | 40.5 (50) | | |
| 460 | 28.6 | 37 | -0.17 | 34.2 (50) | _ (3) | 40.5 (50) | | |
| 470 | 25.4 | 36 | -0.41 | 33.2 (50) | _ (1) | 40.1 (50) | | |
| 480 | 20.8 | 32 | -0.18 | 31.6 (26) | _ (0) | 34.2 (50) | | |
| 490 | 19.5 | 36 | 0.00 | 37.9 (50) | _ (3) | 360 (50) | | |
| 500 | 17.6 | 33 | -0.34 | 35.6 (50) | _ (6) | 34.0 (50) | | |
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CEARA RISE 5.0°N 44.2°W 3.72 km RC15-172 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $\text{CO}_3^{2-} = 111 \mu\text{mol/kg}$

| 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 |
|----------------------------|-----------------------------------|--------------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|---------------------------|
| <i>TRIGGER WEIGHT CORE</i> | | | | | | | | |
| 2 | 65.5 | | | 36.7 (50) | 39.4 (50) | 43.1 (50) | 18.4 (50) | |
| 5 | 61.9 | | | 37.5 (50) | 44.0 (50) | 43.8 (50) | 18.8 (50) | |
| 10 | 37.9 | | | | | | | |
| 14 | 16.3 | | | | | | | |
| 18 | 10.8 | | | | | | | |
| <i>PISTON CORE</i> | | | | | | | | |
| 1 | 62.6 | | -1.35 | 40.8 (50) | 44.2 (50) | 45.6 (50) | 19.5 (50) | |
| 3 | 67.8 | | -1.38 | 39.3 (50) | 44.4 (50) | 43.0 (50) | 18.5 (50) | |
| 7 | 68.3 | | -1.43 | 39.9 (50) | 44.6 (50) | 42.8 (50) | 19.1 (50) | |
| 10 | 65.3 | | -1.07 | 34.4 (50) | 42.3 (50) | 37.4 (50) | 19.2 (50) | |
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CEARA RISE 4.8°N 43.5°W 4.00 km KNR110 GIANT GRAVITY CORE 50 CURRY, WHOI CO₃⁼ = 110 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 | 59.4 | 58 | | | | | | |
| 8 | 54.6 | 48 | | 32.0 (50) | 37.3 (50) | 42.8 (50) | | |
| 16 | 28.5 | 38 | | 31.5 (44) | _ (6) | 37.2 (26) | | |
| 24 | 17.6 | 39 | | _ (5) | _ (2) | _ (8) | | |
| 32 | 19.0 | 40 | | _ (10) | _ (0) | _ (11) | | |
| 40 | 18.3 | 36 | | _ (7) | _ (1) | 34.9 (24) | | |
| 48 | 17.2 | 29 | | _ (0) | _ (0) | _ (0) | | |
| 56 | 18.0 | 34 | | 37.4 (25) | _ (0) | 35.7 (22) | | |
| 64 | 20.7 | 36 | | 30.0 (15) | _ (0) | 37.5 (50) | | |
| 72 | 22.4 | 30 | | 27.0 (35) | _ (0) | 36.8 (49) | | |
| 80 | 22.9 | 40 | | 28.5 (41) | _ (0) | 35.7 (50) | | |
| 88 | 26.9 | 39 | | 29.7 (50) | _ (0) | 34.9 (50) | | |
| 96 | 29.1 | 39 | | 27.9 (50) | _ (0) | 37.9 (50) | | |
| 104 | 25.3 | 36 | | 28.9 (50) | _ (0) | 36.7 (50) | | |
| 112 | 24.2 | 35 | | 31.3 (50) | _ (0) | 36.9 (50) | | |
| 120 | 21.2 | 36 | | _ (9) | _ (0) | 32.5 (37) | | |
| 128 | 22.2 | 26 | | 29.7 (24) | _ (0) | 32.7 (50) | | |
| 136 | 28.7 | 34 | | 28.7 (50) | _ (0) | 35.4 (50) | | |
| 144 | 24.2 | 38 | | 30.1 (38) | _ (8) | 34.9 (45) | | |
| 152 | 24.7 | 45 | | 32.0 (50) | 34.3 (48) | 38.8 (50) | | |
| 160 | 20.1 | 32 | | _ (5) | 29.8 (35) | 34.8 (22) | | |
| 168 | 25.2 | 31 | | 30.9 (48) | 31.1 (50) | 35.3 (50) | | |

CEARA RISE 4.8°N 43.5°W 4.00 km KNR110 GIANT GRAVITY CORE 50 CURRY, WHOI CO₃⁼ = 110 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 |
|------------------------|-----------------------------------|--------------------|-----------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 176 | 31.6 | 42 | | 32.4 (50) | 39.0 (41) | 38.3 (50) | | |
| 184 | 30.8 | 41 | | 31.9 (50) | 35.5 (50) | 38.3 (50) | | |
| 192 | 28.0 | 34 | | 30.2 (50) | 42.8 (49) | 38.8 (50) | | |
| 200 | 30.0 | 36 | -0.58 | 29.4 (50) | 35.5 (43) | 38.3 (48) | | |
| 208 | 22.9 | 26 | -0.34 | 26.8 (29) | 34.0 (50) | 37.3 (50) | | |
| 216 | 10.9 | 12 | | _ (0) | _ (0) | _ (0) | | |
| 224 | 11.7 | 6 | -0.18 | _ (0) | _ (0) | _ (0) | | |
| 232 | 3.3 | 14 | | _ (0) | _ (0) | _ (0) | | |
| 240 | 10.8 | 9 | | _ (0) | _ (0) | _ (0) | | |
| 248 | 17.1 | 25 | | _ (2) | _ (10) | _ (3) | | |
| 256 | 16.6 | 21 | | _ (2) | _ (10) | _ (3) | | |
| 264 | 31.8 | 44 | -0.99 | 34.8 (50) | 36.8 (37) | 39.5 (50) | | |
| 272 | 26.3 | 34 | -1.18 | 27.9 (50) | 29.8 (21) | 40.7 (49) | | |
| 280 | 9.9 | 15 | | _ (0) | _ (0) | _ (0) | | |
| 288 | 17.1 | 33 | -0.77 | _ (1) | _ (12) | _ (11) | | |
| 296 | 24.2 | 37 | -1.07 | 24.0 (50) | 33.5 (23) | 34.5 (50) | | |
| 304 | 28 | 3.9 | -1.08 | 26.2 (50) | 37.7 (37) | 34.7 (50) | | |
| 312 | 31.9 | 43 | | 29.1 (50) | 44.0 (42) | 39.8 (50) | | |
| 320 | 29.1 | 40 | | 25.3 (50) | 37.5 (41) | 37.8 (50) | | |
| 328 | 16.9 | 36 | | _ (2) | _ (9) | 34.7 (17) | | |
| 336 | 8.3 | 19 | | _ (0) | _ (0) | _ (0) | | |

CEARA RISE 4.8°N 43.5°W 4.00 km KNR110 GIANT GRAVITY CORE 50 CURRY, WHOI CO₃⁼ = 110 μmol/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 |
|------------------------|-----------------------------------|--------------------|---------------------------------------|--------------------------|----------------------------|--------------------------|---------------------------|---------------------------|
| 344 | 19.5 | 47 | | _ (5) | _ (7) | _ (10) | | |
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CEARA RISE 6.2°N 44.5°W 4.09 km V31-134 PISTON CORE LOTTI, LDEO $\text{CO}_3^{2-} = 108 \mu\text{mol/kg}$

| 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 |
|------------------------|-----------------------------------|--------------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|--------------------------------------|---------------------------|
| 220 | 19.5 | 38 | | | | | | |
| 230 | 30.3 | 25 | | | | | | |
| 240 | 17.3 | 9 | | | | | | |
| 250 | 7.8 | 22 | | | | | | |
| 260 | 0.4 | 0 | | | | | | |
| 270 | 0.5 | 0 | | | | | | |
| 280 | 4.5 | 24 | | | | | | |
| 290 | 1.9 | 0 | | | | | | |
| 300 | 13.4 | 32 | | | | | | |
| 310 | 15.3 | 45 | | | | | | |
| 320 | 30.5 | 44 | | | | | | |
| 330 | 11.3 | 36 | | | | | | |
| 340 | 12.4 | 31 | | | | | | |
| 350 | 16.9 | 34 | | | | | | |
| 360 | 22.2 | 39 | | | | | | |
| 370 | 23.3 | 43 | | | | | | |
| 380 | 34.1 | 45 | | | | | | |
| 390 | 30.7 | 34 | | | | | | |
| 400 | 20.7 | 40 | | | | | | |
| 410 | 6.5 | 28 | | | | | | |
| 420 | 11.0 | 22 | | | | | | |
| 430 | 17.1 | 48 | | | | | | |

| CEARA RISE 6.2°N 44.5°W 4.09 km V31-134 PISTON CORE LOTTI, LDEO CO ₃ ⁼ = 108 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 |
| 440 | 31.0 | 56 | | | | | | |
| 450 | 49.6 | 67 | | | | | | |
| 460 | 36.9 | 41 | | | | | | |
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