

Core no. RC 24-16      S 5° 02'      W 10° 12'      3543 m b.s.l.

**Age control:**

Date: 1997

- *N. dutertrei*  $^{18}\text{O}$  record (Mix & Ruddiman, 1985).
- AMS  $^{14}\text{C}$  analogue stratigraphy.

**Age/depth correlation :**

Orig. depth	$^{14}\text{C}$ age	Calendar years	Sed.rate	Original interval/material/
[cm]	[ky BP]	[ka]	[cm/ky]	$\delta^{18}\text{O}$ stratigraphy
63	14.8	18.3	ca. 3.5	AMS $^{14}\text{C}$ analogue

**Remarks:**

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**Original references:**

- McIntyre, A., Ruddiman, W.F., Karlin, K. & Mix, A.C. (1989): Surface water response of the equatorial Atlantic Ocean to orbital forcing. - *Paleoceanography*, 4, 19-55.
- Mix, A. & Ruddiman, W.F. (1985): Structure and timing of the last deglaciation: Oxygen-isotope evidence.- *Quat.Sci.Rev.*, 4, 59-108.

**LGM time slice:** (conjectural)

- GLAMAP: 63-74 cm orig. depth
- EPILOG: 65-78 cm orig. depth

**LGM foraminifera counts:** SPECMAP

- GLAMAP: 63, 66, 69, 72 cm orig. depth
- EPILOG: 66, 69, 72, 75, 78 cm orig. depth

**References for faunal analysis:**

- Imbrie, J., McIntyre, A. & Mix, A.C. (1989): Oceanic response to orbital forcing in the Late Quaternary: Observational and experimental strategies. In: A.Berger, S.H.Schneider & J.-C. Duplessy (eds.) *Climate and geosciences, a challenge for science and society in the 21st century*, D. Reidel Publ. Co.
- McIntyre et al. (1989) Surface water response of the equatorial Atlantic Ocean to orbital forcing. *Paleoceanography*, 4, p. 19-55.
- World Data Center for Marine Geology & Geophysics, SPECMAP Archive # 1

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