

Core no. RC 13-228      S 22° 20'      E 11° 12':      3204 m b.s.l.

Age control:      Date: 1991

- *Uvigerina* and *C. wuellerstorfi* <sup>18</sup>O records (CLIMAP, 1984; Curry et al., 1988).
- AMS <sup>14</sup>C analogue stratigraphy.

Core fit :

- None

Surface sediment age :

- About 550 years, based on extrapolation of Termination I sedimentation rates.

Age/depth correlation :

Orig. depth	<sup>14</sup> C age	Calendar years		Sed.rate	Original interval/ material/ δ <sup>18</sup> O stratigraphy	Remarks
[cm]	[ky BP]	[ka]		[cm/ky]		
0		0.55				extrapolated
52	9.1	9.8	a)	5.6	AMS <sup>14</sup> C analogue	
93	13.6	17.1	a)	5.6	AMS <sup>14</sup> C analogue	
103	14.8	18.3		8.3	AMS <sup>14</sup> C analogue	
198	26	29.5	a)	8.5	AMS <sup>14</sup> C analogue	

a) corrected after Bard et al. (1990).

Remarks:

- Stratigraphy is different from Curry et al. (1988)

Original references:

- Sarnthein, M., Winn, K., Jung, S.J. A., Duplessy, J.-C., Labeyrie, L., Erlenkeuser, H. & Ganssen, G. (1994): Changes in east Atlantic deepwater circulation over the last 30,000 years: Eight time slice reconstructions.- *Paleoceanography*, 9, 209-267.
- Curry, W.B., Duplessy, J.C., Labeyrie, L.D. & Shackleton, N.J. (1988): Changes in the distribution of <sup>13</sup>C of deep water CO<sub>2</sub> between the last glaciations and the Holocene.- *Paleoceanography*, 3, 317-341.
- CLIMAP Project Members (1984): The last interglacial ocean. - *Quat. Res.*, 21, 123-224.

LGM time slice:

- GLAMAP: 103-130 cm orig. depth
- EPILOG: 109-139 cm orig. depth

LGM foraminifera counts: SPECMAP

- GLAMAP: 105, 110, 115, 120, 125, 130 cm orig. depth
- EPILOG: 110, 115, 120, 125, 130, 135 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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