

Core no. CHN 82-24-4 N 41° 43.0' W 32° 51.0': 3427 m b.s.l.

Age control:

Date: 20/11/2000

- *C. wuellerstorfi* ^{18}O record (Boyle & Keigwin, 1985/86).
- AMS ^{14}C analogue stratigraphy.

Age/depth correlation :

Orig. depth	^{14}C age	Calendar years	Sed.rate	Original interval/material/
[cm]	[ky BP]	[ka]	[cm/ky]	$\delta^{18}\text{O}$ stratigraphy
0	4.12	4.94		
20.5	8	9.7	4.3	AMS ^{14}C analogue
57.5	14.8	18.3	4.4	AMS ^{14}C analogue
95.5	27	29.5	3.4	AMS ^{14}C analogue

After Curry et al., 1988

Remarks:

- GLAMAP and EPILOG differ because of low-resolution SST data.

Original references:

- Curry, W.B., Duplessy, J.C., Labeyrie, L.D. & Shackleton, N.J. (1988): Changes in the distribution of ^{13}C of deep water CO_2 between the last glaciation and the Holocene. - *Paleoceanography*, 3, 317-341.
- Boyle, E.A. & Keigwin, L.D. (1985/86): Comparison of Atlantic and Pacific paleo-chemical records for the last 215,000 years: Changes in deep ocean circulation and chemical inventories. - *Earth Planet. Sci. Lett.*, 76, 135-150.

LGM time slice:

- GLAMAP: 57-68 cm orig. depth
- EPILOG: 59-71 cm orig. depth

LGM foraminifera counts: CLIMAP

- GLAMAP: 58, 68 cm orig. depth
- EPILOG: 68 cm orig. depth

References for faunal analysis:

- CLIMAP Project Members (1981): Seasonal reconstruction of the earth's surface at the Last Glacial Maximum.- *Geol. Soc. Amer.*, Map and Chart Series #36.
- CLIMAP Project Members (1994): CLIMAP 18K Database. IGBP PAGES/World Data Center-A for Paleoclimatology Data Contribution Series # 94-001. NOAA/NGDC Paleoclimatology Program, Boulder CO, USA.

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