Core no. HU 90-013-013 T.W.C., P.C. N 58° 12.59' W 48° 22.40': 3380 m b.s.l.

Age control: Date: 1998

- *N. pachyderma* sin. $\delta^{18}O$ record (Hillaire-Marcel et al., 1994).
- AMS ^{14}C dating on *N. pachyderma* sin. (Hillaire-Marcel et al., 1994).

Age/depth correlation :

Orig. depth [cm]	^{14}C age [ky BP]	Error ±	Calendar years [ka]		Sed.rate [cm/ky]	Original interval/ material/ $\delta^{18}O$ stratigraphy
99	3.98	70	4.42	a)		AMS ^{14}C dating
189	6.81	100	7.66	a)	27.8	AMS ^{14}C dating
209	7.58	80	8.39	a)	27.4	AMS ^{14}C dating
239	7.79	80	8.56	a)	176.5	AMS ^{14}C dating
339	8.83	90	9.89	a)	75.2	AMS ^{14}C dating
359	9.23	360	10.40	a)	39.2	AMS ^{14}C dating
369	10.04	120	11.55	a)	8.7	AMS ^{14}C dating
389	10.43	90	12.35	a)	25.0	AMS ^{14}C dating
399	10.72	90	12.86	a)	19.6	AMS ^{14}C dating
419	11.9	90	14.01	a)	17.4	AMS ^{14}C dating
429	12.45	120	14.36	a)	28.6	AMS ^{14}C dating
439	12.56	90	14.42	a)	166.7	AMS ^{14}C dating
449	14.15	110	16.96	a)	3.9	AMS ^{14}C dating
460	14.8		18.3		8.2	AMS ^{14}C analogue
479	16.99	110	20.23	a)	9.8	AMS ^{14}C dating
509	20.95	150	24.79	a)	6.6	AMS ^{14}C dating
529	22.19	200	26.22		14.00	AMS ^{14}C dating

a) Calendar years converted from ^{14}C years using INTCAL 98.

Remarks:

- more AMS ^{14}C dates in Hillaire-Marcel et al. (1994).

Original references:

- Hillaire-Marcel, C., De Vernal, A., Bilodeau, G. & Wu, G. (1994): Isotope stratigraphy, sedimentation rates, deep circulation, and carbonate events in the Labrador Sea during the last ≈ 200 ka. - Can. J. Earth Sci., 31, 63 - 89.

LGM time slice:

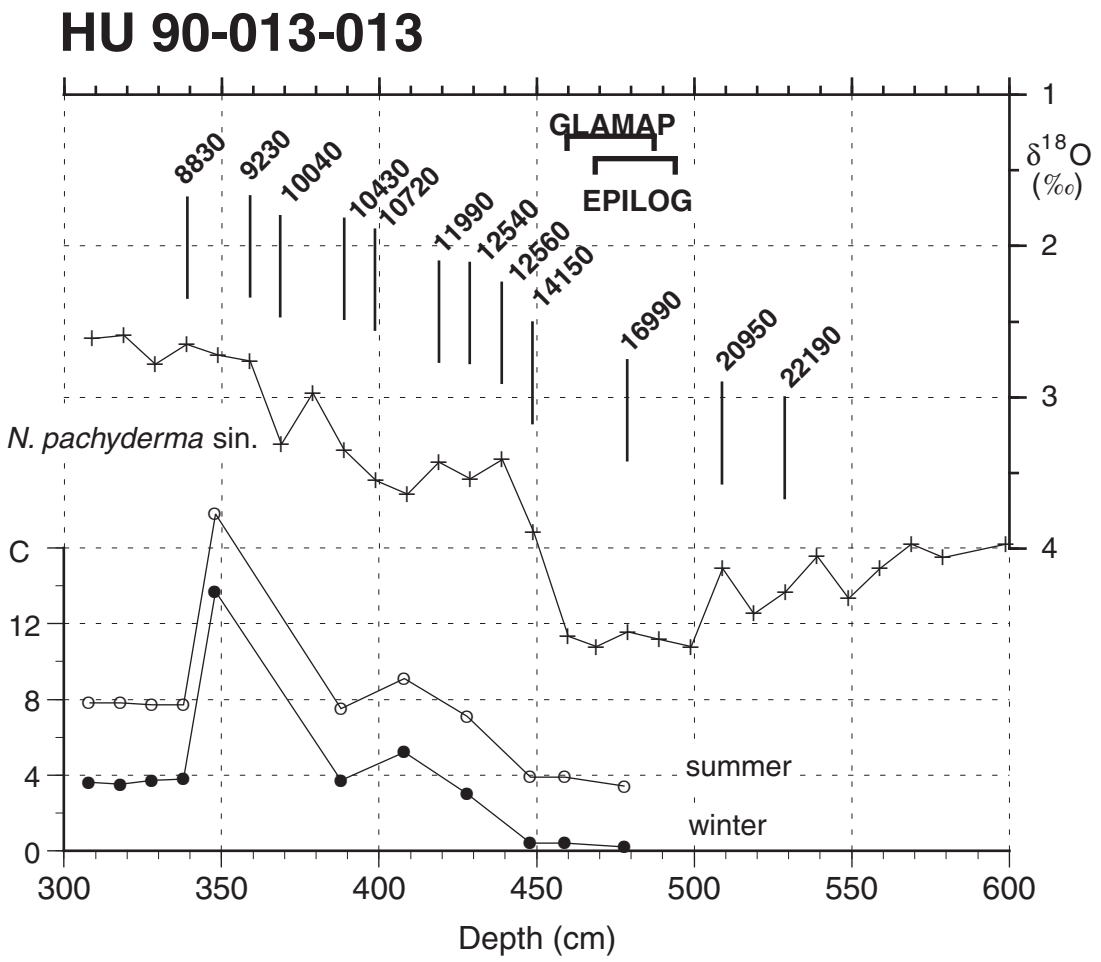
- GLAMAP: 460-487 cm orig. depth
- EPILOG: 469-494 cm orig. depth

LGM foraminifera counts: Duprat (JD)

- GLAMAP: 478 cm orig. depth
- EPILOG: 478 cm orig. depth

References for faunal analysis:

- J. Duprat for A. de Vernal (unpublished)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GLAMAP
EPILOG
8830
9230
10040
10430
10720
11990
12540
12560
14150
16990
20950
22190
N. pachyderma sin.
δ18O (‰)
C
summer
winter
Depth (cm)
300
350
400
450
500
550
600
0
4
8
12
1
2
3
4