Abrupt Climate Change: the view from ocean sediments

I. “Heinrich” ice rafting events

source: Heinrich, 1988

II. High latitude North Atlantic surface water temperatures follow the interstadial patterns seen in Greenland (Bond et al., 1993)

source: Bond et al. (1992)

III. Lehman and Keigwin (1992): Younger Dryas nearly as abrupt in ocean record as in ice core record; other Bolling-Allerod events observed in ocean record

source: Lehman and Keigwin (1992)

IV. Kroon (199•): Detailed structure of Bolling-Allerod-Younger Dryas is similar in ocean record and ice core record

source: Kroon et al. (199•)

V. Hughen et al. (1996, 1998): detailed structure of deglaciation is seen in an ocean record from the equatorial Atlantic (Cariaco Basin)

source: Hughen et al. (1998)

VI. Rasmussen et al. ( ): detailed structure of interstadials recorded in high latitude North Atlantic magnetic susceptibility records

source: Rasmussen et al. (1996)

VII. Behl and Kennett (1996): Interstadials seen in the history of oxygenation in the Santa Barbara Basin

source: Behl and Kennett (1996)

VIII. Interstadials in the Arabian Sea

IX. A 1500 year cycle in ice-rafted debris? (Bond et al., 1998)

References:


