



Greenland climate during the Holocene - as seen in five synchronous Greenland $\delta^{18}\text{O}$ records.

B. M. Vinther, S. J. Johnsen, H. B. Clausen, S. O. Rasmussen and A. M. Svensson
Ice and Climate, Niels Bohr Institute, University of Copenhagen, Copenhagen, Denmark.

The Holocene sections of five Greenland ice cores: Camp Century, Dye-3, GRIP, NGRIP and Renland, have all been synchronized to the Greenland Ice Core Chronology 2005 (GICC05). The synchronization is achieved through matching of characteristic volcanic reference horizons in electrical conductivity measurements.

Having five complete and synchronous Holocene $\delta^{18}\text{O}$ records available facilitates an analysis of which climatic signals and periodicities that can be identified throughout Greenland during the Holocene.

This analysis paves the way for a comparison between major Greenland climatic signals and proxies for solar forcing.