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Evidence of climatic changes in Antarctica over the last 30,000 years  
from the Dome C ice core

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A 906 m deep ice core covering a time scale of about 30,000 years has been recently recovered from the Dome C site (74° 39' S, 124° 10' E, elevation 3200 m).

The observed changes with depth and time of the isotopic composition of the ice, the crystal size and other parameters are most easily explained by atmospheric climatic changes.

The continuous climatic record thus obtained is in very good agreement with the results from other antarctic ice cores. The main climatic events depicted in the Dome C ice core are also recorded in other proxy sources from the Southern Hemisphere.

