



The Abdus Salam
International Centre for Theoretical Physics



2240-23

**Advanced School on Scaling Laws in Geophysics: Mechanical and
Thermal Processes in Geodynamics**

23 May - 3 June, 2011

Introduction to Convection

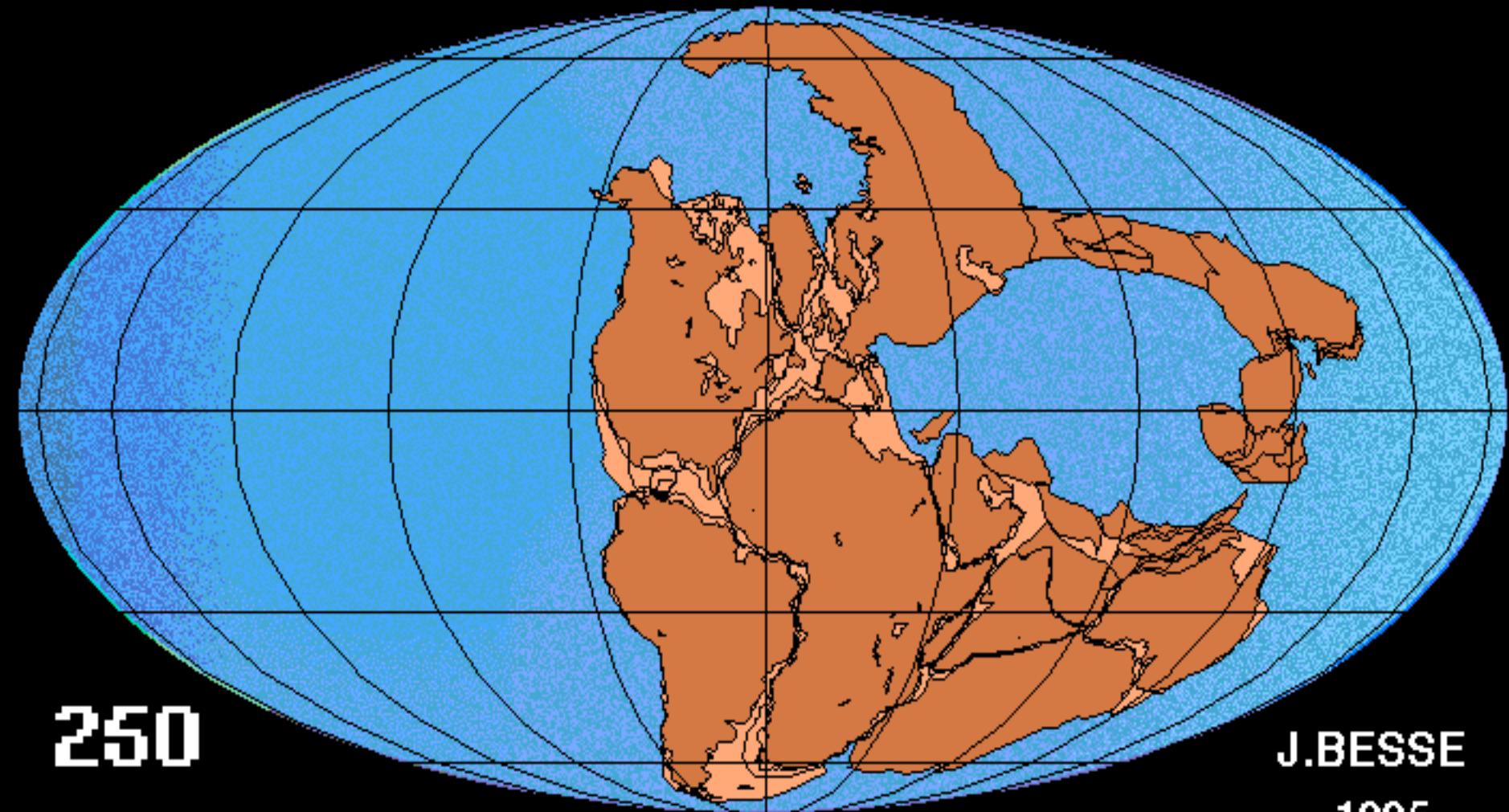
Claude JAUPART

*Institut de Physique du Globe de Paris
France*

CONVECTION

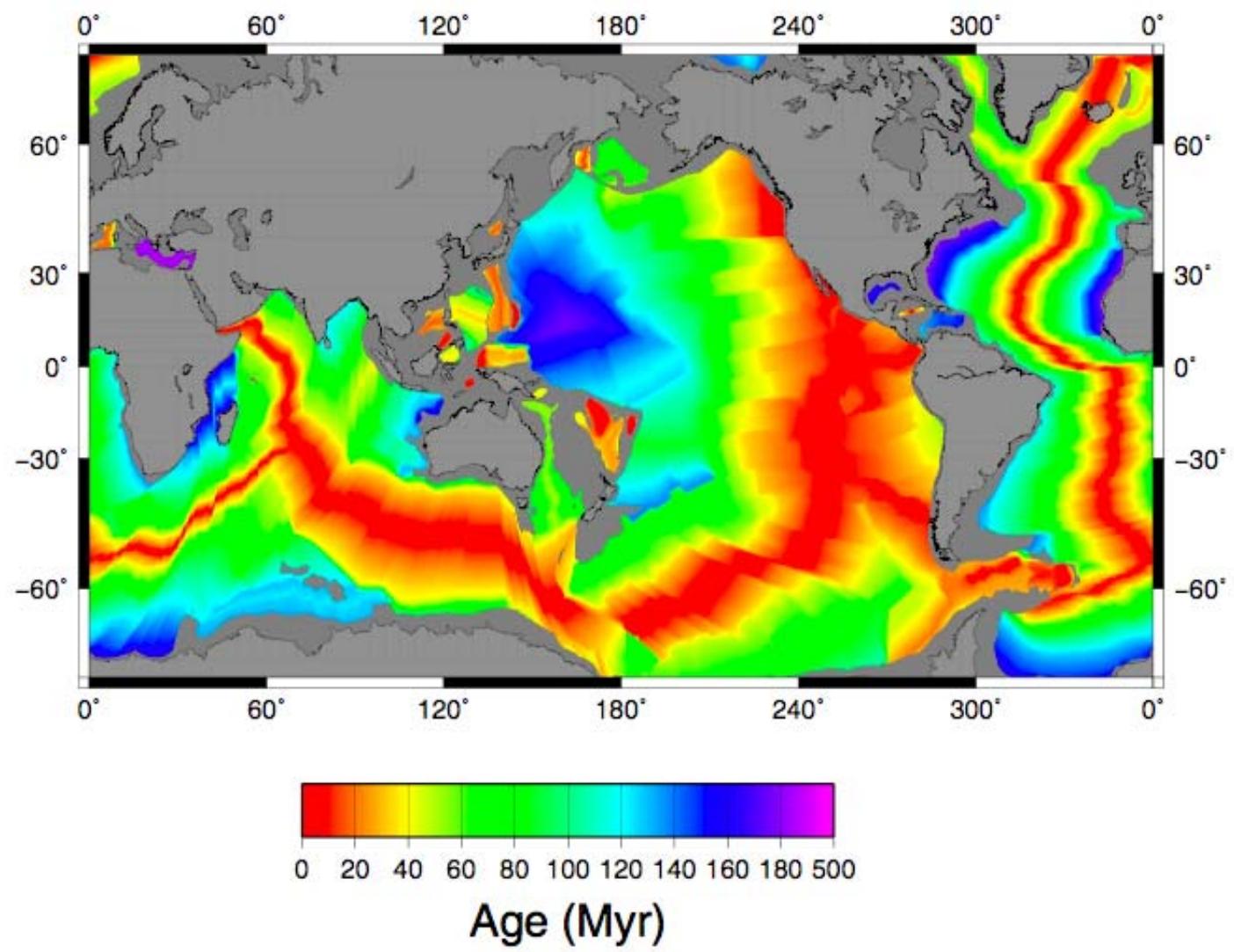
Claude Jaupart
Institut de Physique du Globe de Paris





250

J.BESSE
1995



Erta-Ale, Ethiopia, lava lake

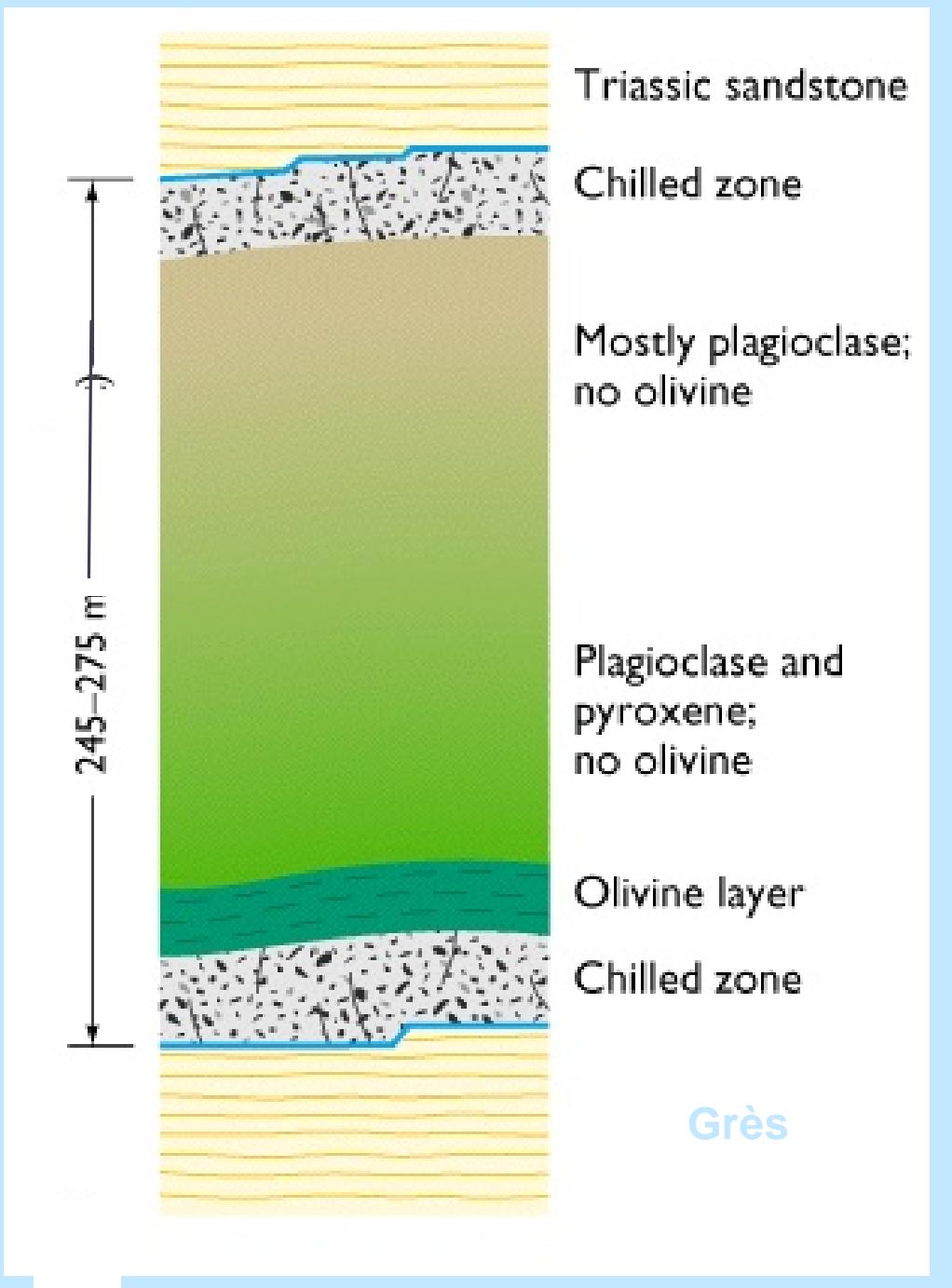


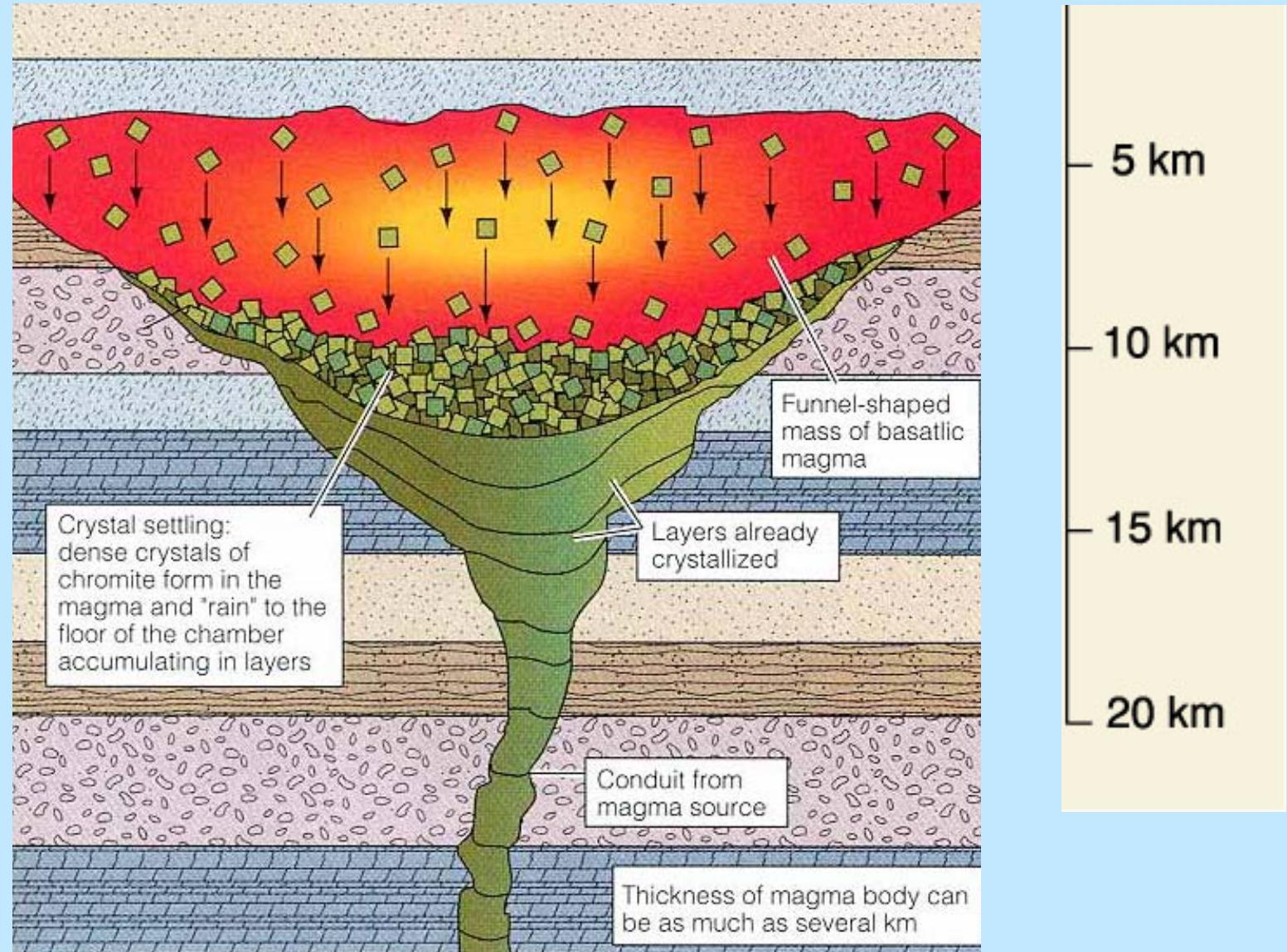


Palisades sill (200 Ma, New Jersey)



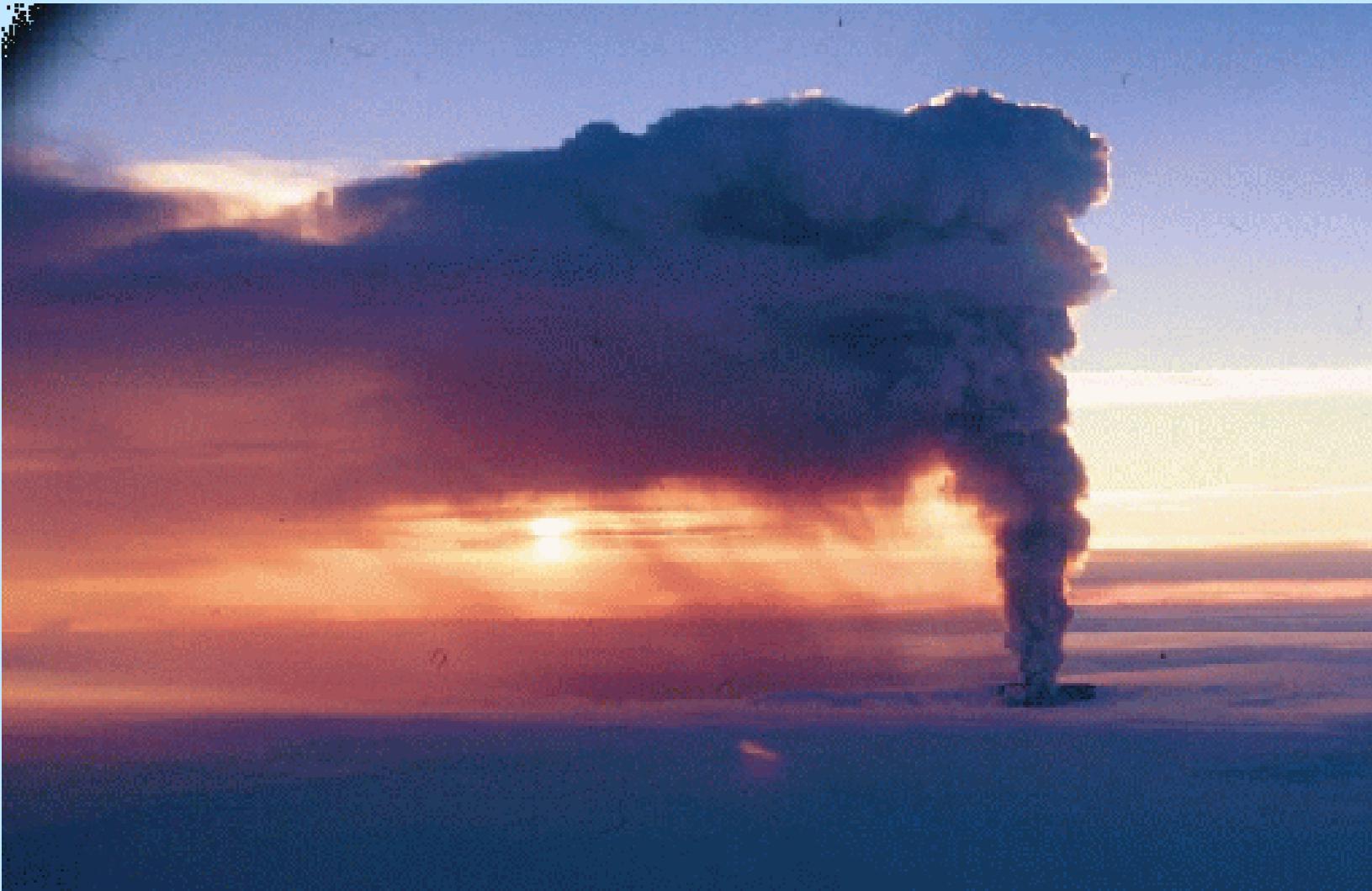
$(T_m = 1200^\circ \text{ C})$







Redoubt, Alaska, 1990



Grimsvotn, Iceland, 2004