



Le froid

Conséquences du froid

A photograph of a winter forest. The trees are heavily covered in snow, and the ground is a thick blanket of white. A wooden fence runs along the bottom right of the frame. The sky is overcast and grey.

- Hypothermie
- Engelure
- Inflammation des voies respiratoires
- Brûlures au froid

La production du froid

A large, white iceberg floats in the dark blue ocean under a clear blue sky. The iceberg has a jagged, irregular shape with some smaller pieces of ice visible on its surface. The water is dark and choppy, and the sky is a deep, clear blue.

➤ **Conservation du froid au temps des Romains**

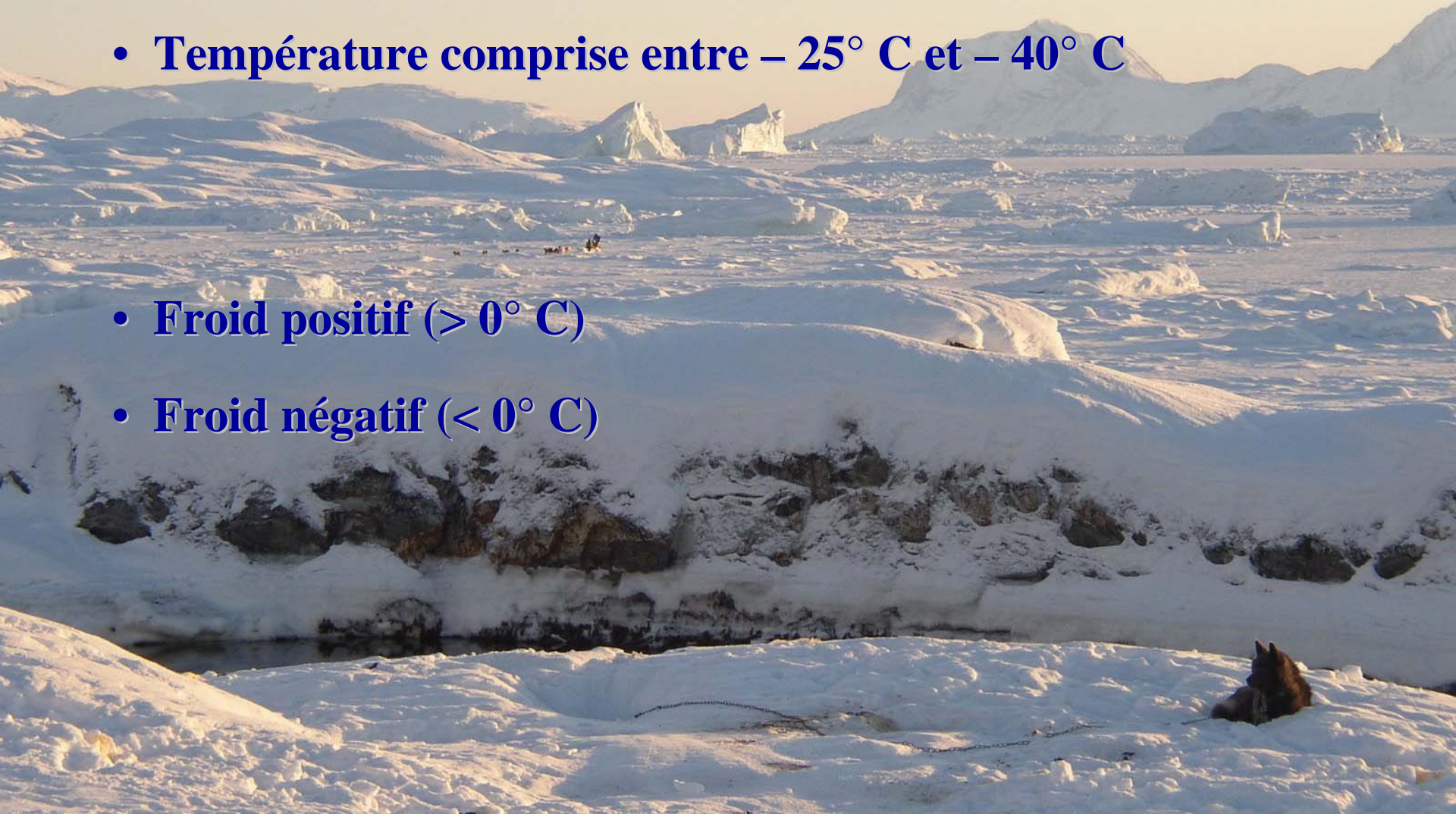
➤ **Fabrication du froid au XIX^{ème} siècle**

➤ **Effet Peltier**

Chambre froide

- Température comprise entre -25°C et -40°C

- Froid positif ($> 0^{\circ}\text{C}$)
- Froid négatif ($< 0^{\circ}\text{C}$)



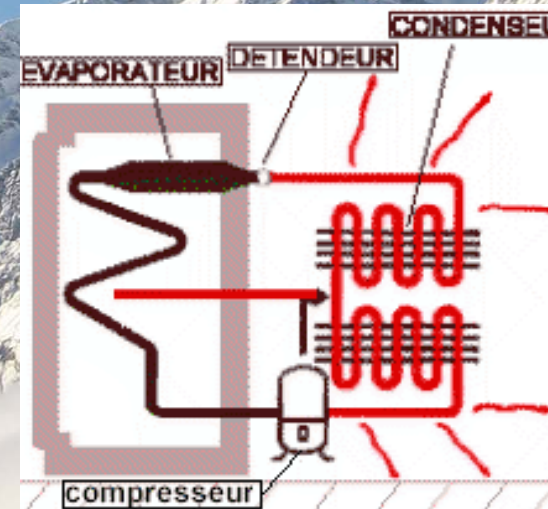
Échelles du froid

- Le Celsius °C
- Le Fahrenheit °F
- Le Kelvin K



Le réfrigérateur

- Compression
- Condensation
- Détente
- Evaporation



0 absolu

Guillaume Amontons a supposé son existence en 1703.

- **- 273,15° C**
- **Etat d'énergie fondamentale**



An aerial photograph of a vast, snow-covered mountain range. A prominent river valley winds through the center of the landscape, with smaller tributaries branching off. The terrain is rugged, with dark rock faces partially covered in white snow. The sky is a clear, pale blue, and the overall scene conveys a sense of extreme cold and high altitude.

Records du

froid