

Little Dome C

Beyond EPICA Oldest Ice Drilling Site (75.29917 °S, 122.44516 °E)

Situation Report 37, 23. December 2024

Personnel @LDC:

Lisa Ardoin (ULB), Marie Bouchet (CNRS), Ailsa Chung (CNRS), Danilo Collino (ENEA, Camp Leader), Inès Gay (IPEV), Matthias Hüther (AWI, Chief Driller), Manuela Krebs (AWI), Gunther Lawer (AWI), Johannes Lemburg (AWI), Martin Leonhardt (AWI), Michele Scalet (ENEA), Federico Scoto (CNR), Barbara Seth (UNIBE), Lison Soussaintjean (UNIBE), Julien Westhoff (UCPH, Chief Scientist), Frank Wilhelms (AWI, PI in the field)

Weather at LDC 5 pm: sunny

Weather at DC 5 pm: temperature: -24.5°C, wind 5 knts



We did 6 runs between 19:30 yesterday and 19:30 today. Today, processing continued with 19 m. The PICARRO team continued processing samples at the maximum pace.



Ailsa and Manuela preparing a surprise for the camp.  
Credit: M. Bouchet ©PNRA/IPEV



Waiting for the core barrel coming out of the drill.  
Credit: M. Bouchet ©PNRA/IPEV





Mixed fruit ice-cream for the camp. "Thank You" Barbara and Matthias. Credit: L. Soussaintjean @PNRA/IPEV

### End of day statistics at 19:30

- Driller's depth: 2606.71 m;
- we did 6 runs between 19h30 yesterday and 19h30 today. The length of these cores was: 4.38, 4.51, 4.52, 4.53, 4.53, 4.51 (driller length, last run #842), for a total of 26.98 m;
- Logger's depth: 2603.09 m
- Current processing depth: 2545 m; daily total: 19 m; season total: 956 m.

FW, JW, MH, 23.12.2024

