

Little Dome C

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

Situation Report 29, 15. 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: -31.5°C, wind 3 knts



Boring. We did 2 runs between 12:00 and 19:30. Today, processing continued with 20 m. The PICARRO team continued processing samples at the pace of processing with the autosampler. For breakfast to lunch some penguins and cookies gathered on the table.



Lisa giving a presentation about basal material in ice cores to prepare and excite us for the basal ice section we will soon drill. Credit: J. Westhoff ©PNRA/IPEV



Barbara and Manuela checked the opportunities of the kitchen in terms of cookie cutters and ingredients and produced an excellent result. Credit: G. Lawer ©PNRA/IPEV

End of day statistics at 19:30:

- Driller's depth: 2415.21 m;
- we did 2 runs between 13h00 and 19h30. The length of these cores was: 4.51, 4.51 (driller length, last run #799), for a total of 9.02 m;
- Logger's depth: 2412.83 m
- Current processing depth: 2375 m; daily total: 20 m; season total: 756 m.

FW, JW, MH, 15.12.2024

