

Little Dome C

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

Situation Report #64, 19th January 2026

Personnel @LDC:

Gianluca Bianchi Fasani (ENEA, Camp Leader), Katrin Ederer (AWI), Matthias Hüther (AWI, Chief Driller), Gunther Lawer (AWI), Johannes Lemburg (AWI), Barbara Seth (UNIBE, PI in the field), Sergio Zannini (ENEA)

Personnel @DC:

Iben Koldtoft (UCPH), Marion Lahuec (IPEV), Philippe Possenti (CNRS), Henrique Traeger (UNIBE), Mohammad Vafadarmianvelayat (AWI)



Weather at LDC: sunny, very windy, very cold

Meteo at DC 6:40 pm: T = -26.8 °C, Wind speed = 11.5 kt, Windchill T = -39 °C, Humidity = 72 %

Our stay at Little Dome C comes closer and closer to an end. Almost half of our team is already in Concordia and is busy sorting all our cargo that either stays at Concordia or will be shipped sooner or later to different destinations in Europe.

Here in LDC, we did a final clean-up of the drilling tent today. Organising the transport of boxes, writing packing lists, and getting organised with the new schedule of moving team members from Little Dome C to Concordia kept us busy all afternoon.

As it was extremely windy (around 20 kt) and cold today, we postponed the closing of the workshop to tomorrow.



Moving boxes all around camp. Photos by B. Seth and K. Ederer





Phantastic fresh bread baked tonight by chef Gianluca. Photo by K. Ederer

Season end statistics:

Drillers' end depth: 2071.20 m;

Loggers' end depth: 28.23 m;

CB, GBF, BS & MH; LDC, 19.1.2026

