

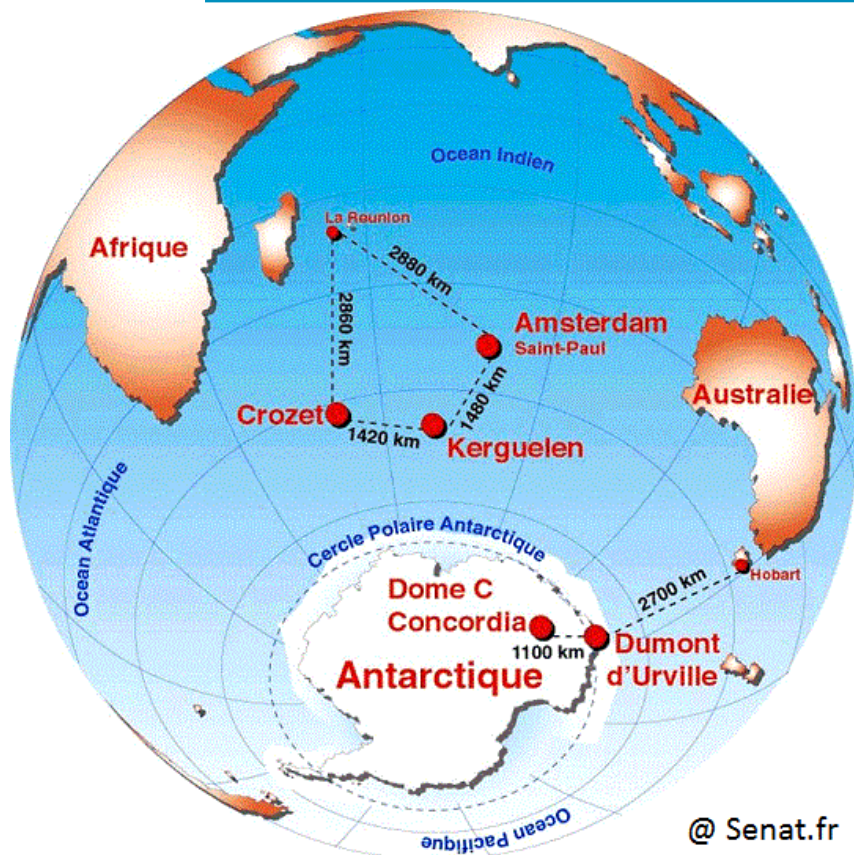


Météo-France and IPEV contributions for the YOPP-SH winter 2022

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YOPP-SH On line meeting 24/25 june 2021

Additional observations: YOPP-SH winter 2022



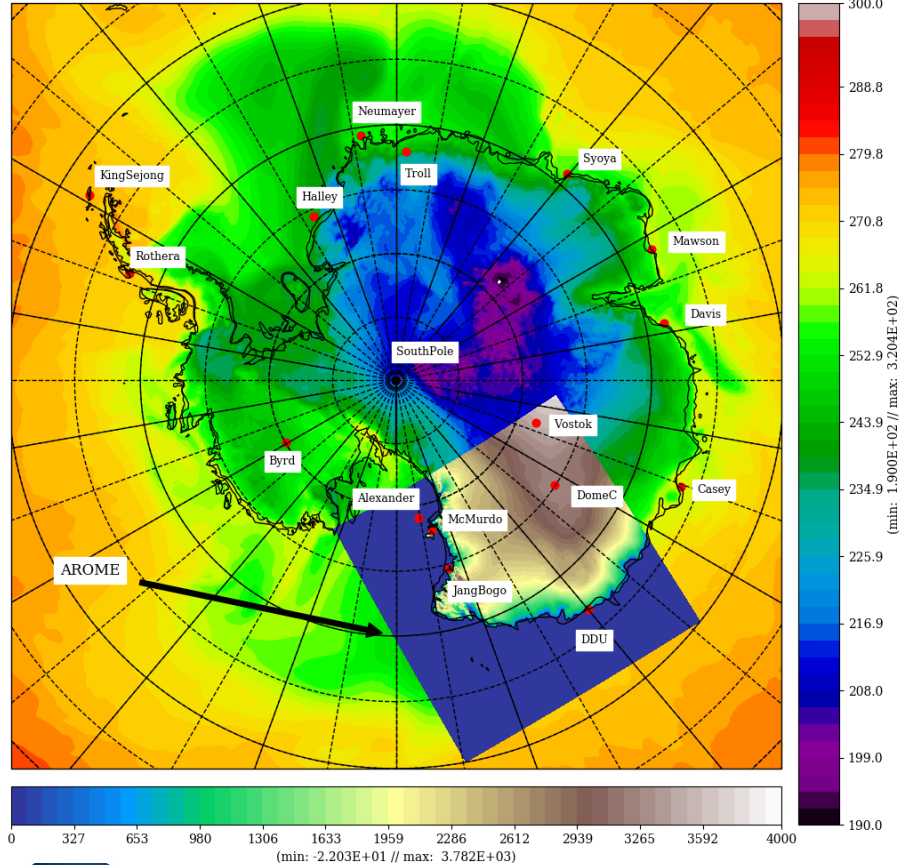
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- **Kerguelen** : currently, only 1 RS/day at 12TU is operated by Météo-France and IPEV. **For the TOP period of the YOPP-SH winter 2022, a additional RS will be launched at 6TU (max 5*4 days)**

- **Dumont-d'Urville**: only 1 RS/day at 00TU. **For the TOP period of the YOPP-SH winter 2022, two additional RS at 6TU and 12TU**

Météo-France NWP models for the YOPP-SH winter 2022

ARPEGE T2M and AROME-YOPP-SH orography



Global Model ARPEGE-GELATO 4DVar T1798 c2.2 (high resolution over France 5km and ~20km over Antarctica)

- A specific 10 days forecast from 00UTC: available in GRIB2 over Southern Hemisphere on ftp site <ftp.umr-cnrm.fr> user:yopp, passwd:Arpege, cd MAT

- Specific output on YOPPsuperSite

- **the NH model AROME at 1.5km** with 90 vertical levels (1525x1525 pts) with GELATO

- lateral boundary conditions and initial conditions from the global model ARPEGE-GELATO

- Forecast length at least 48h ?

- Specific output for DDU, DomeC, Mc Murdo, Alexander Tower and Jang Bogo ?