

SciAmachy validation by ground based FTIR spectrometry

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Measurement preparation status:

- **Ny-Ålesund** (79° N, 12° E): Regular measurements are performed all year round, summer: once per week, winter: once per month.
- **Polarstern** (50° S to 50° N, Atlantic ocean): Preparations are made currently for 2 cruises:
4 weeks October/November 2002 (Bremerhaven-Kapstadt)
4 weeks January/February 2003 (Kapstadt-Bremerhaven)
- **Bremen** (53° N, 8° E): planned: 2-3 days every second week.
- **Merida** (8° N, 71° W): Still in preparation, time frame is uncertain yet (but measurements from this site are not officially part of the project).

Other preparations:

- Data upload to NILU without problems (participation in both rehearsals).
- Data analysis was partly revised to improve the accuracy of retrieved column densities.