



Flight Plan:

Tuesday, 12 April

HALO

Take Off: 07:30 UTC
 Duration: 8 Hours, 35 min
 Plus curves

Pilots: Stephan Grillenbeck
 Roland Welser
 Technician: Thomas Leder

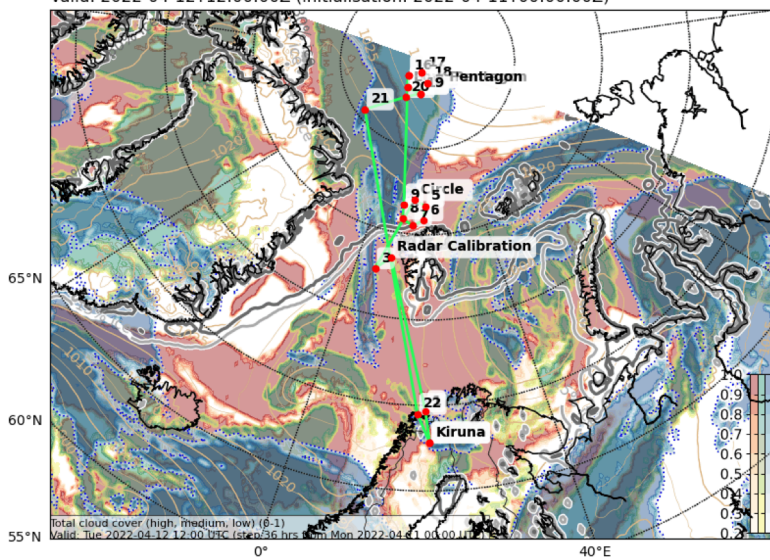
Crew:

Mission PI
 WALES
 HAMP
 SMART/VELOX
 specMACS
 Dropsondes
 Camera
 Ground PI

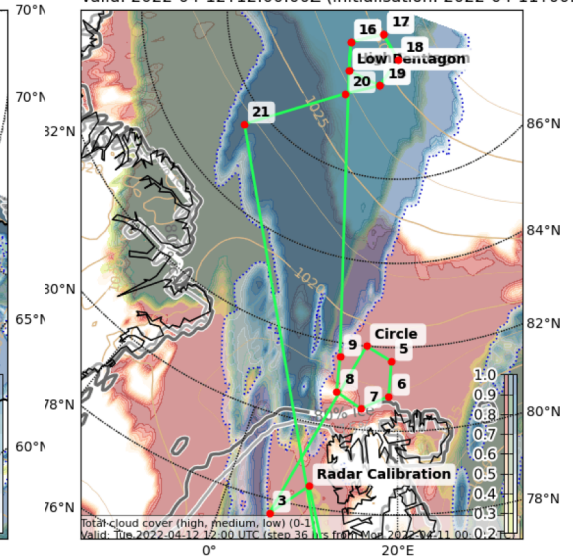
Geet George
 Georgios Dekoutsidis
 Friedhelm Jansen
 Johannes Röttenbacher
 Lea Volkmer
 Anja Schwarz
 André Ehrlich
 Manfred Wendisch

Maps:

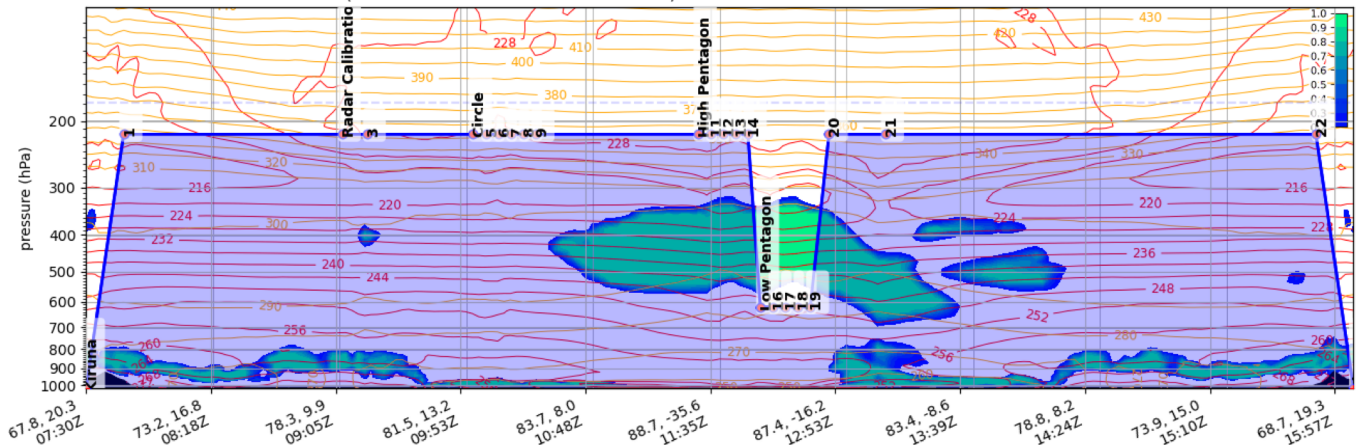
Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) (default)
 Valid: 2022-04-12T12:00:00Z (initialisation: 2022-04-11T00:00:00Z)



Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) (default)
 Valid: 2022-04-12T12:00:00Z (initialisation: 2022-04-11T00:00:00Z)



Cloud Cover (0-1) Vertical Section
 Valid: 2022-04-12T14:00:00Z (initialisation: 2022-04-11T00:00:00Z)





Coordinates

| | Location | Lat (+-90) | Lon (+-180) | Flightlevel |
|---|--------------------|---------------|----------------|-------------|
| 0 | Kiruna | 67,83 | 20,33 | 0 |
| 1 | | 69,67 | 19,67 | 370 |
| 2 | Radar Calibrati... | 78,5 | 9,33 | 370 |
| 3 | | 77,67 | 5,5 | 370 |
| 4 | Circle | 82 | 14,67 | 370 |
| 5 | | 81,67 | 19 | 370 |
| 6 | | 80,83 | 18,67 | 370 |
| 7 | | 80,5 | 14,67 | 370 |
| 8 | | 80,83 | 10,83 | 370 |
| 9 | | 81,67 | 10,5 | 370 |

| | | | | |
|----|---------------|-------|--------|-----|
| 10 | High Pentagon | 88,17 | -18,67 | 370 |
| 11 | | 88,67 | -35,67 | 370 |
| 12 | | 89,33 | -9,83 | 370 |
| 13 | | 88,83 | 20,33 | 370 |
| 14 | | 88,17 | 6,83 | 370 |
| 15 | Low Pentagon | 88,17 | -18,5 | 130 |
| 16 | | 88,67 | -35,67 | 130 |
| 17 | | 89,33 | -9,83 | 130 |
| 18 | | 88,83 | 20,33 | 130 |
| 19 | | 88,17 | 6,83 | 130 |
| 20 | | 87,67 | -12,17 | 370 |
| 21 | | 85,5 | -33,5 | 370 |
| 22 | | 69,5 | 18,33 | 370 |
| 23 | Kiruna | 67,83 | 20,33 | 0 |

Drop sondes: Total 16

One circle north of Svalbard : 10 sondes

Circle coordinates-

center: 81.25 °N, 14.75 °E; radius: 80.00 km

One pentagon in high Arctic : 5 sondes

Radar calibration manouvre: 1 sonde