



# Flight Plan:

# Tuesday, 15 March

# HALO

Take Off: 09:00 UTC  
 Duration: 8 Hours, 45 min

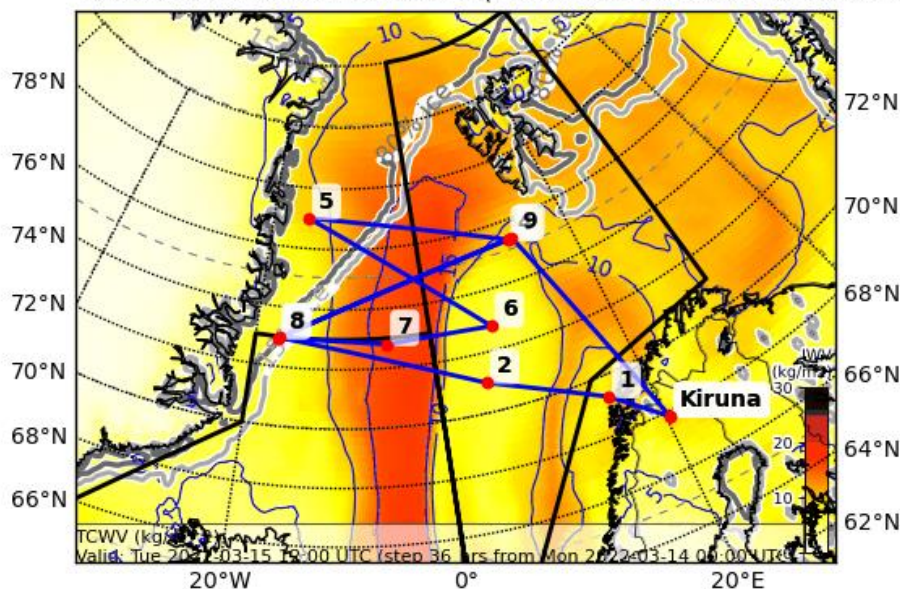
Pilots: Michael Grossrubatscher  
 Marc Puskeiler  
 Technician: Thomas Leder

## Crew:

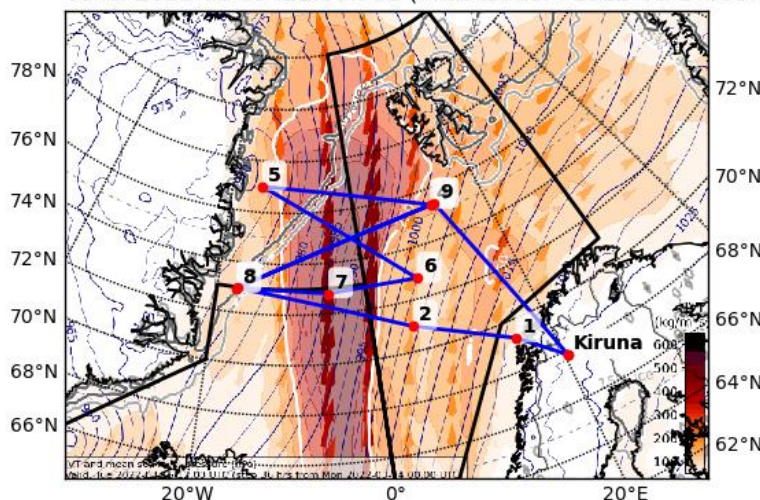
Mission PI Vera Schemann  
 WALES Manuel Gutleben  
 HAMP Martin Hagen  
 SMART/VELOX Michael Schäfer  
 specMACS Benjamin Kirbus  
 Dropsondes Henning Dorff  
 Camera Melanie Lauer  
 Ground PI Davide Ori

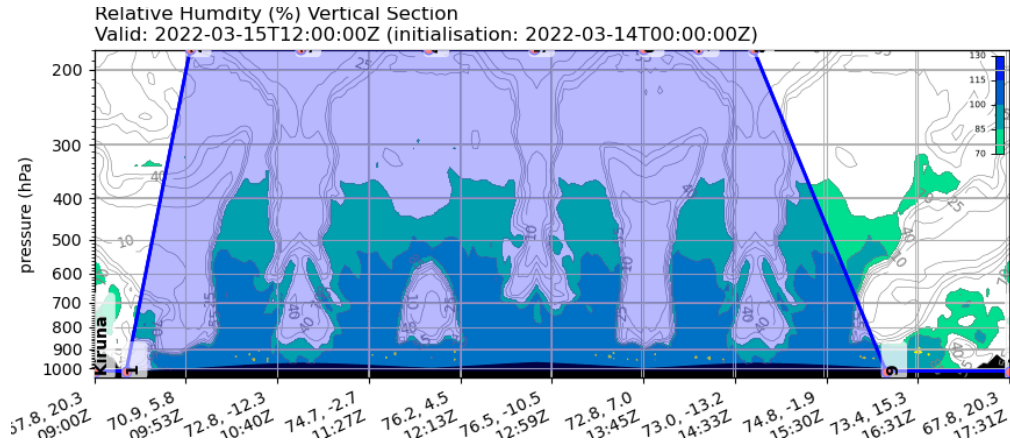
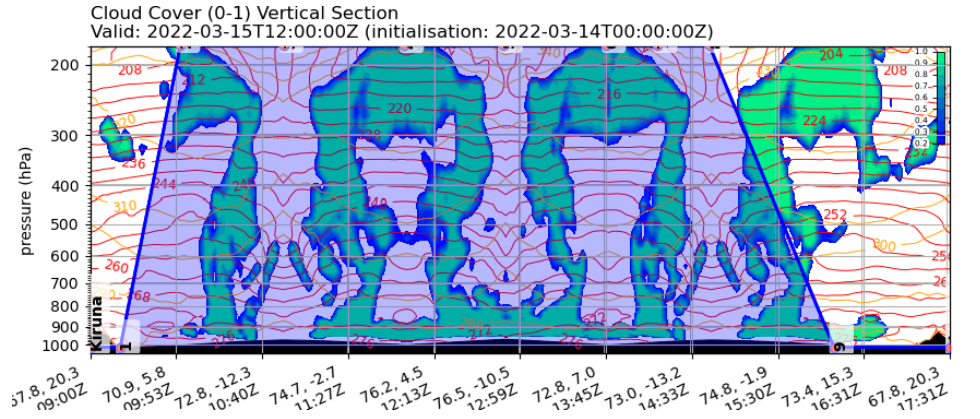
## Maps:

IWV ( $\text{kg}/\text{m}^2$ )  
 Valid: 2022-03-15T12:00:00Z (initialisation: 2022-03-14T00:00:00Z)



IVT ( $\text{kg m}^{-1} \text{s}^{-1}$ ) and Mean Sea Level Pressure (hPa)  
 Valid: 2022-03-15T12:00:00Z (initialisation: 2022-03-14T00:00:00Z)





## Coordinates

Index	Location	Lat (+-90)	Lon (+-180)	Flightlevel
0	Kiruna	67.821	20.336	0.000
1		69,4	16.2	410.00
2		71.000	5.000	410.000
3		72.9	-17.300	410.000
4		75.500	12.000	410.000
5		77.000	-15.000	410.000
6		72.800	7.000	410.000
7		72.800	-5.000	410.000
8		72.900	-17.300	410.000
9		75.5	12.00	410.000
8	Kiruna	67.821	20.336	0.000



# 24 Dropsondes:

D1 71.39, 2.0	D13 74.46° 1.02°
D2 71.83, -1.0	D14 73.46° 4.72°
D3 72.09, -3.36	D15 72.86° 3.84°
D4 72.35, -6.16	D16 72.87° 1.02°
D5 72.58, -9.10	D17 72.88° -1.79°
D6 72.76, -11.95	D18 72.78° -5.22°
D7 72.86, -15.06	D19 72.89° -8.92°
D8 75.11, 1.00	D20 72.94° -11.99°
D9 75.36, 7.16	D21 75.11° 1.01° (as 8)
D10 75.93, 8.09	D22 75.36° 7.16°(as 9)
D11 76.25 4.52°	D23 73.96° 14.31°
D12 76.49° 1.02°	D24 71.54° 16.35°

