



# Flight Plan for: 7 April 2022 RF12

**POLAR 5**

Take Off: 09:00 UTC  
Duration: 04:31 Hours

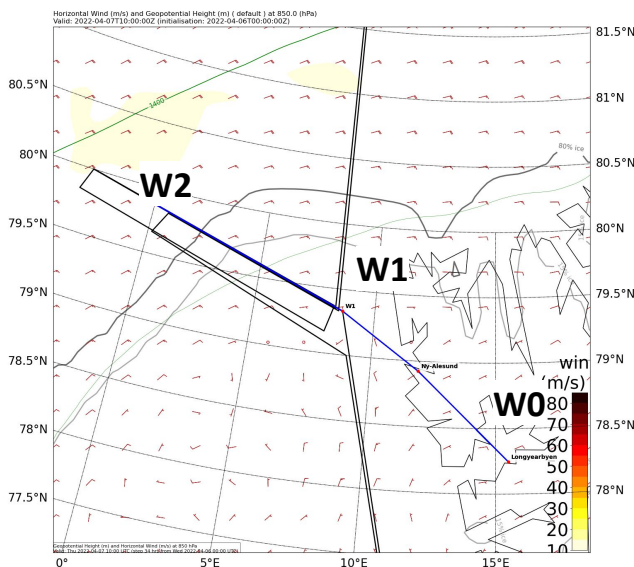
Pilots: James Steward  
Noah Hladiuk

**Crew:** Mission PI Mario Mech  
AWI Maximilian Stöhr  
Eagle/Hawk Evi Jäkel  
MiRAC Nils Risse  
AMALi Johanna Mayer  
Dropsondes Daria Paul  
Ground PI

## Waypoints:

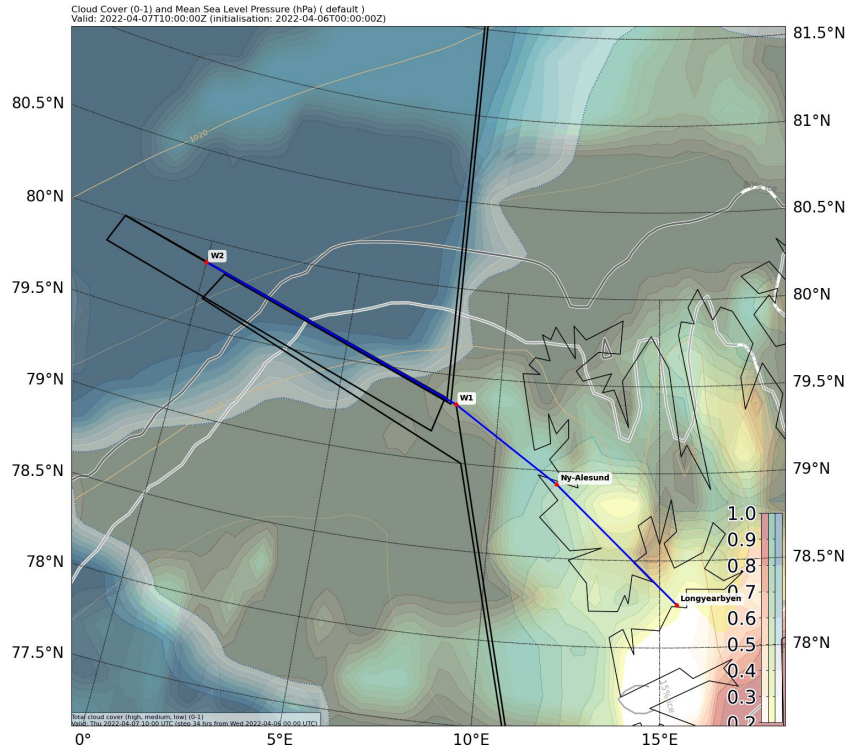
Loc	Lat	Lon	FL	TAS to next	NM	Dist. cum	Duration	UTC at
LYR	78.25	15.48	0	0	0	0	0	9:00
W0	78.55	14.23	20	140	24	24	16	9:16
NYA	78.92	11.92	100	160	35	59	13	9:29
W1	79.33	8.66	100	160	44	103	16	9:46
W2	79.94	-1.5	100	160	99	219	43(+4)	10:30
W1	79.33	8.66	100	160	99	335	44(+4)	11:13
W2	79.94	-1.5	100	160	99	451	43(+4)	11:56
W1	79.33	8.66	100	160	99	567	44	12:40
NYA	78.92	11.92	100	160	44	612	16	12:57
LYR	78.25	15.48	0	160	58	671	22	13:19

## Overview Map





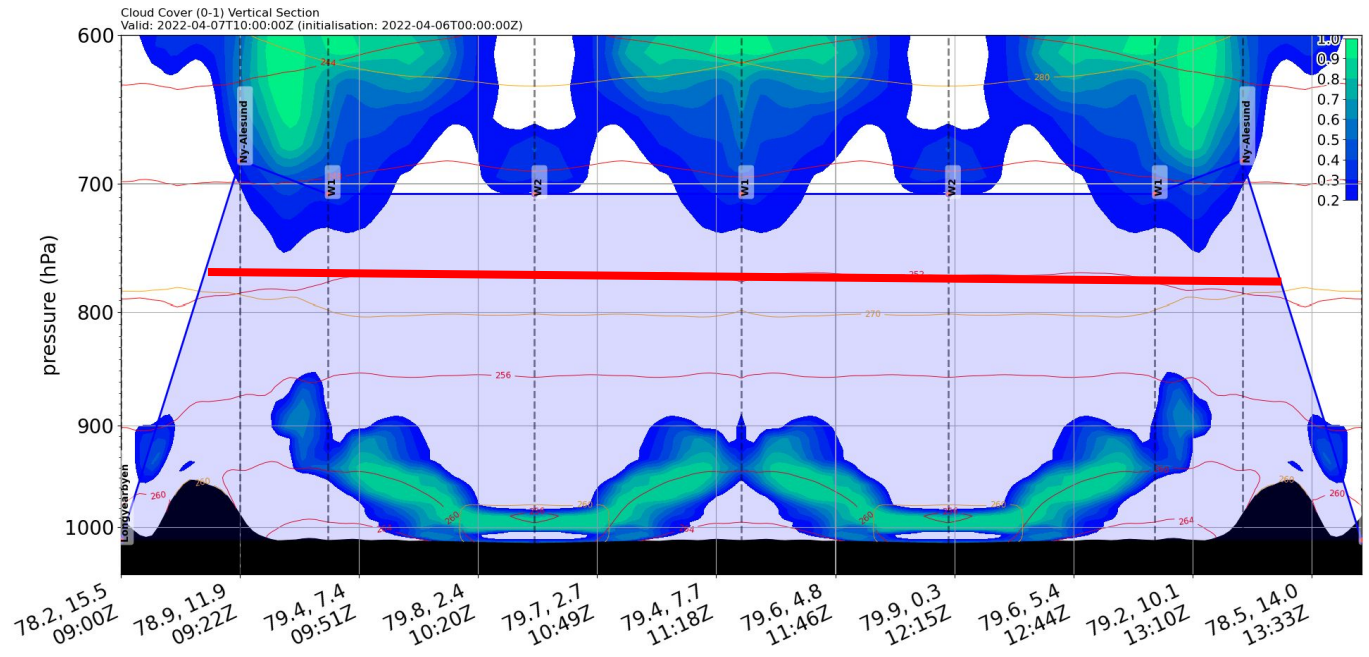
## Clouds from top:



Dropsondes (11) at:

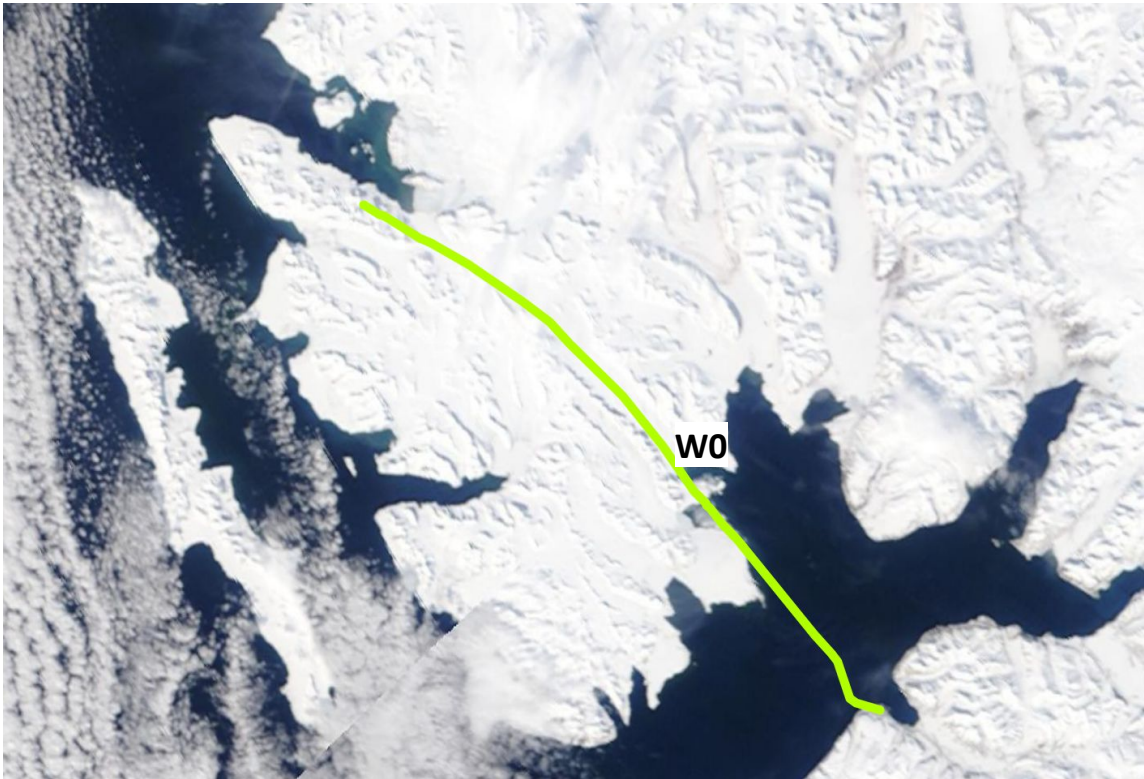
NYA, W1, W1/2, W2, W2/1, W1, W1/2, W2, W2/1, W1, NYA

## Cross section):





Optional: climb up Sveabreen for emissivity measurements



W0: 78.55, 14.23

