



# Flight Plan: Friday, 08 April 2022

# HALO

Take Off: 04:30 UTC  
Duration: 6 hours  
Plus curves

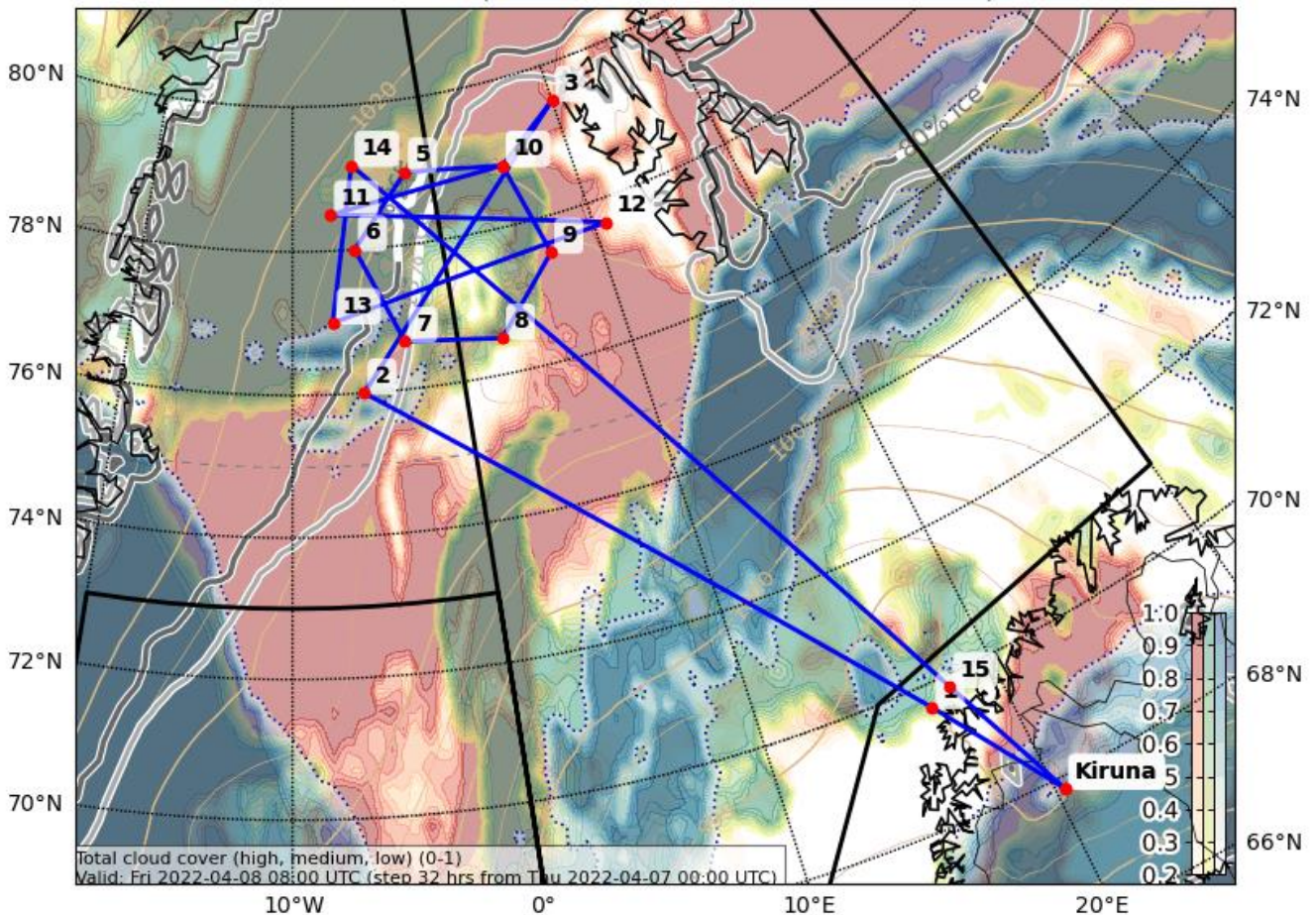
Pilots: Roland Welser  
Thomas Kalfas  
Technician: Alexander Wolff

## Crew:

Mission PI	Andreas Walbröl
WALES	Georgios Dekoutsidis
HAMP	Henning Dorff
SMART/VELOX	Michael Schäfer
specMACS	Anna Weber
Dropsondes	Geet George
Camera	Roel Neggers
Ground PI	Davide Ori

## Maps:

Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) (TOT)  
Valid: 2022-04-08T08:00:00Z (initialisation: 2022-04-07T00:00:00Z)

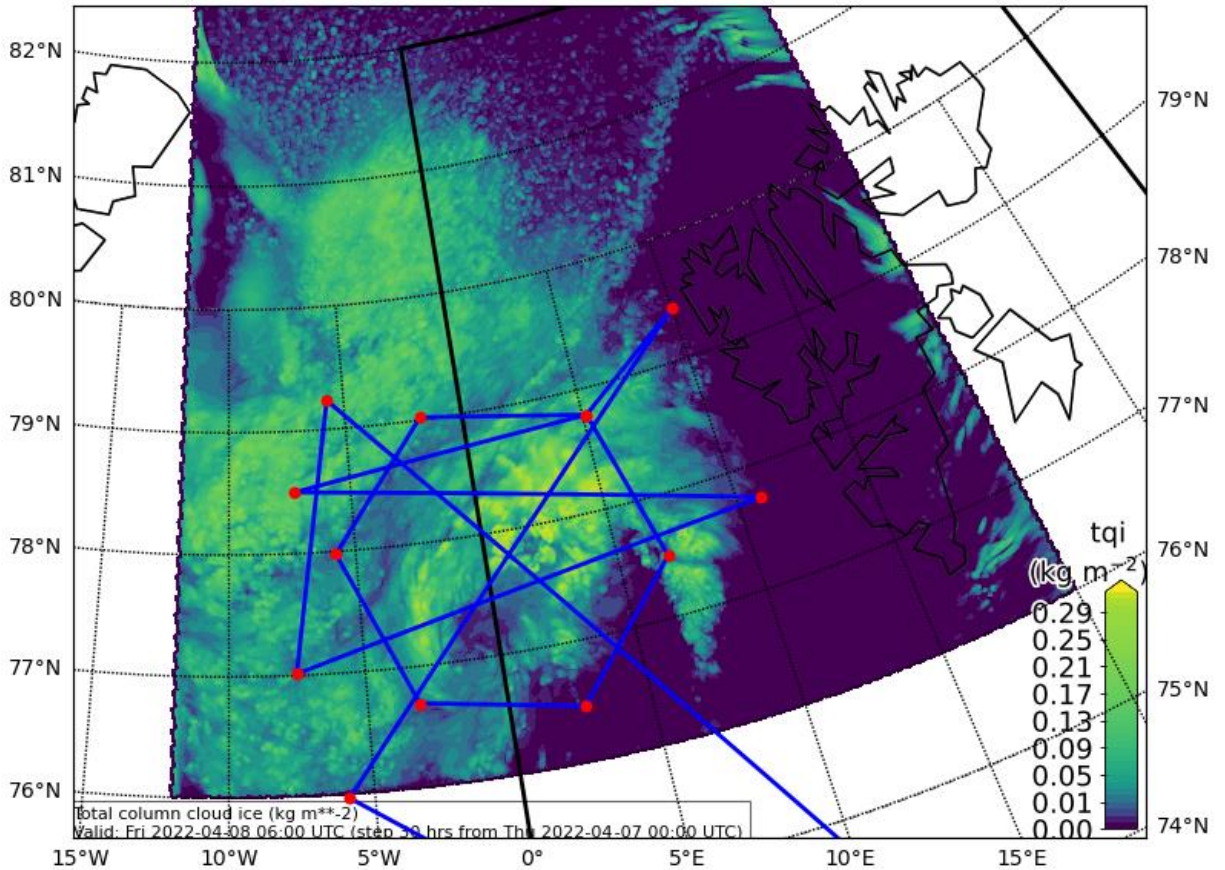




## Coordinates

Location	Lat (+-90)	Lon (+-180)	Flightlevel	Pressure (hPa)	Leg dist. (km [nm])	Cum. dist. (km [nm])	Leg time	Cum. time	Time (UTC)	Rem. fuel (lb)	Aircraft weight (lb)	Ceiling altitude (hft)	Ascer (ft/mi)
0 Kiruna	67,82	20,34	2	1.005,95	0 [0]	0 [0]	00:00:00	00:00:00	2022-04-08 04:30:51	33000	91000	415	0
1	69,6	16,99	360	227,29	240 [129]	240 [129]	00:17:38	00:17:38	2022-04-08 04:48:29	32030	90030	417	2030
2	75,97	-5,88	360	227,29	1024 [553]	1265 [683]	01:15:02	01:32:40	2022-04-08 06:03:32	27902	85902	425	0
3	79,42	9,97	360	227,29	535 [289]	1801 [972]	00:39:15	02:11:56	2022-04-08 06:42:48	25743	83743	430	0
4	78,78	5,17	360	227,29	123 [66]	1924 [1039]	00:09:03	02:20:59	2022-04-08 06:51:51	25245	83245	431	0
5	79,02	-1,79	360	227,29	151 [81]	2076 [1121]	00:11:06	02:32:06	2022-04-08 07:02:58	24634	82634	432	0
6	77,98	-5,79	360	227,29	146 [79]	2223 [1200]	00:10:44	02:42:50	2022-04-08 07:13:42	24043	82043	434	0
7	76,7	-3,15	360	227,29	156 [84]	2380 [1285]	00:11:29	02:54:20	2022-04-08 07:25:12	23411	81411	435	0
8	76,46	2,65	360	227,29	152 [82]	2532 [1367]	00:11:10	03:05:31	2022-04-08 07:36:23	22796	80796	436	0
9	77,5	6,87	360	227,29	157 [85]	2690 [1452]	00:11:32	03:17:03	2022-04-08 07:47:55	22161	80161	438	0
10	78,78	5,17	360	227,29	148 [80]	2838 [1532]	00:10:51	03:27:55	2022-04-08 07:58:47	21564	79564	439	0
11	78,5	-7,31	360	227,29	275 [148]	3114 [1681]	00:20:11	03:48:06	2022-04-08 08:18:58	20454	78454	442	0
12	77,73	10,92	360	227,29	426 [230]	3540 [1911]	00:31:12	04:19:18	2022-04-08 08:50:10	18737	76737	446	0
13	77,01	-7,51	360	227,29	455 [245]	3995 [2157]	00:33:19	04:52:38	2022-04-08 09:23:30	16904	74904	451	0
14	79,24	-5,73	360	227,29	251 [135]	4246 [2293]	00:18:25	05:11:04	2022-04-08 09:41:56	15890	73890	453	0
15	69,9	18	360	227,29	1238 [668]	5484 [2961]	01:30:40	06:41:45	2022-04-08 11:12:37	10903	68903	466	0
16 Kiruna	67,82	20,34	0	1.013,25	250 [135]	5735 [3096]	00:18:19	07:00:05	2022-04-08 11:30:56	9895	67895	469	-1560

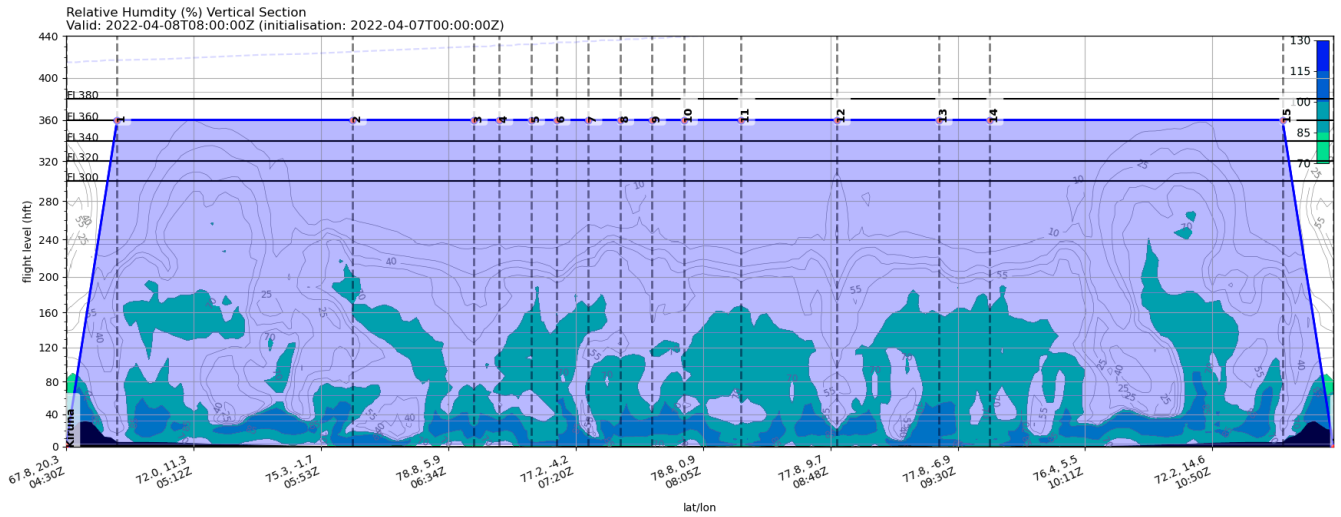
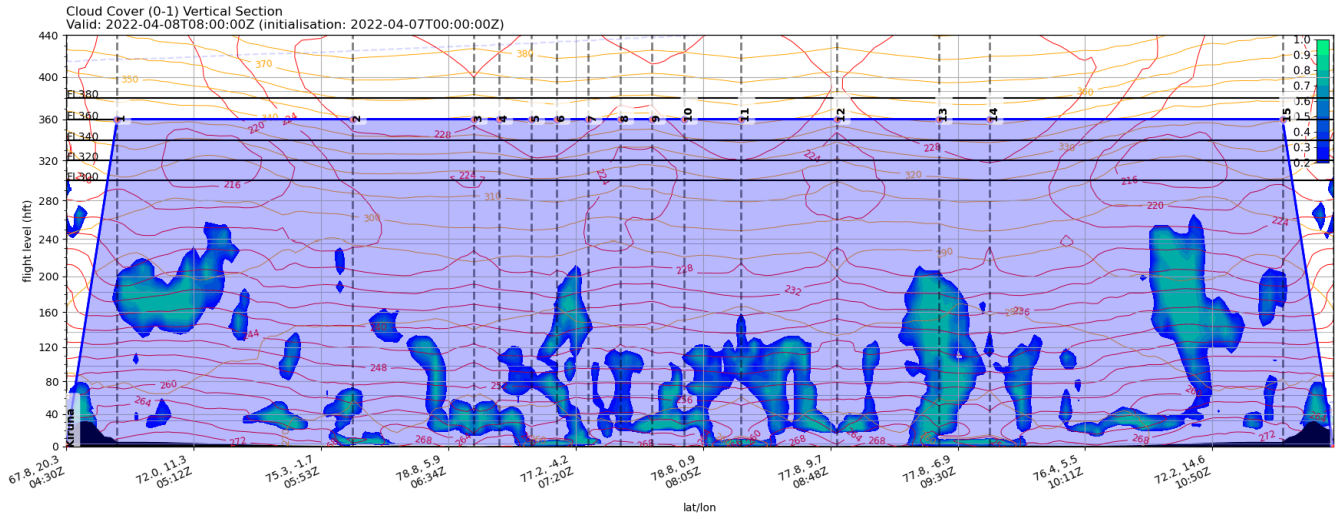
LES Cloud Variables ( tqi )  
 Valid: 2022-04-08T06:00:00Z (initialisation: 2022-04-07T00:00:00Z)



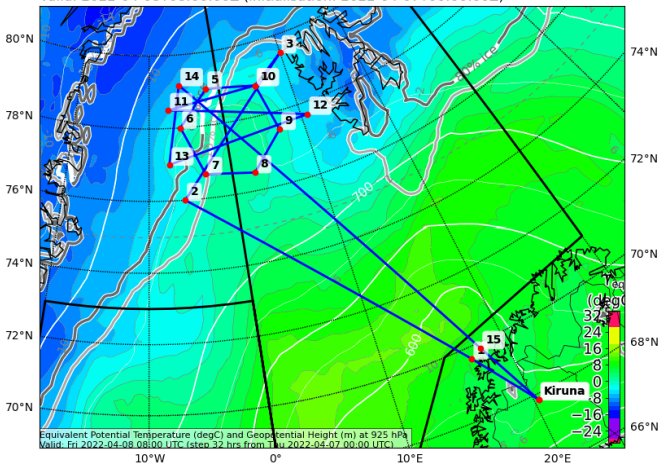




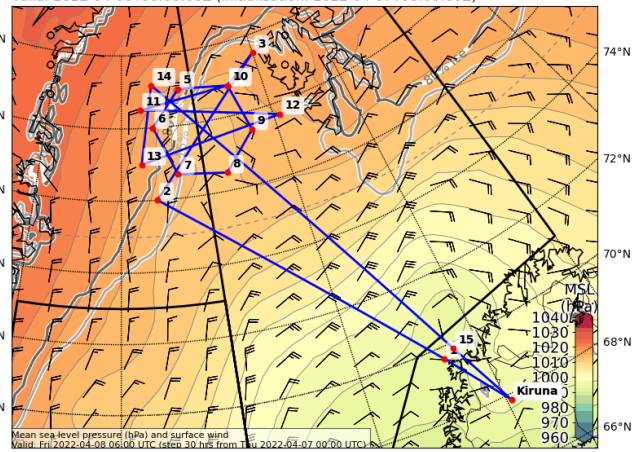
## Side view



Temperature, Equivalent Potential (degC) and Geopotential Height (m) at 925.0 (hPa)  
Valid: 2022-04-08T08:00:00Z (initialisation: 2022-04-07T00:00:00Z)



Mean Sea Level Pressure (hPa)  
Valid: 2022-04-08T06:00:00Z (initialisation: 2022-04-07T00:00:00Z)





# Dropsondes

