



Flight Plan:

Monday, 14 March

HALO

Take Off: 09:00 UTC
 Duration: 8 Hours, 02 min
 Plus curves

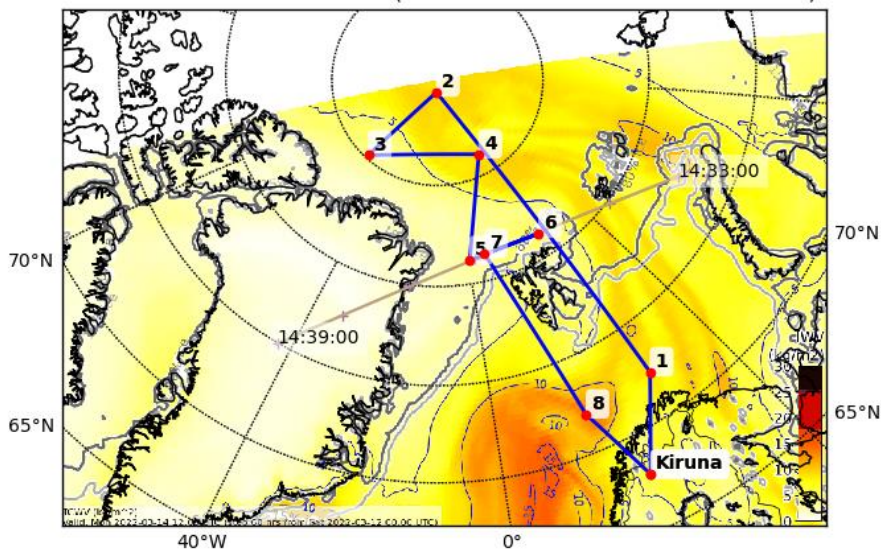
Pilots: ???
 ???
 Technician: ???

Crew:

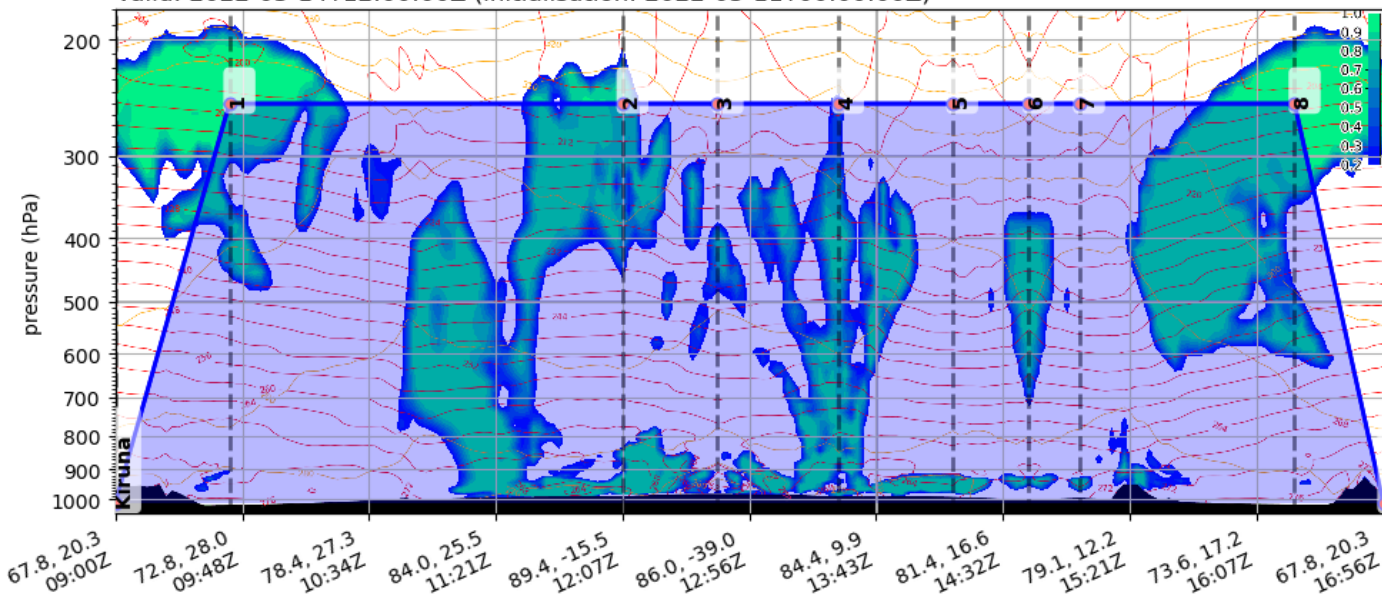
Mission PI	Felix Pithan
WALES	Georgios Dekoutsidis
HAMP	Daive Ori
SMART/VELOX	Johannes Roettenbacher
specMACS	Veronika Poertge
Dropsondes	Marlen Brueckner
Camera	Andreas Walbroel
Ground PI	Manfred Wendisch

Maps:

IWV (kg/m²)
 Valid: 2022-03-14T12:00:00Z (initialisation: 2022-03-12T00:00:00Z)



Cloud Cover (0-1) Vertical Section
 Valid: 2022-03-14T12:00:00Z (initialisation: 2022-03-11T00:00:00Z)





Coordinates

	Location	Lat (+-90)	Lon (+-180)	Flightlevel	Pressure (hPa)	Leg dist. (km [nm])	Cum. dist. (km [nm])	Leg time	Cum. time	Time (UTC)
0	Kiruna	67,83	20,33	0	1.013,25	0 [0]	0 [0]	00:00:00	00:00:00	2022-03-14 09:00:52
1		72,33	28	340	249,98	577 [312]	577 [312]	00:43:00	00:43:00	2022-03-14 09:43:52
2		89,5	-15,5	340	249,98	1931 [1042]	2509 [1354]	02:23:40	03:06:40	2022-03-14 12:07:33
3		85,17	-53,83	340	249,98	495 [267]	3004 [1622]	00:36:52	03:43:33	2022-03-14 12:44:25
4		86	20	340	249,98	604 [326]	3609 [1948]	00:45:00	04:28:33	2022-03-14 13:29:25
5		81,17	0,5	340	249,98	568 [307]	4178 [2256]	00:42:20	05:10:53	2022-03-14 14:11:46
6		81,17	24,5	340	249,98	408 [220]	4587 [2476]	00:30:25	05:41:18	2022-03-14 14:42:11
7		81,33	5,67	340	249,98	320 [173]	4907 [2650]	00:23:51	06:05:10	2022-03-14 15:06:02
8		72	15,33	340	249,98	1069 [577]	5977 [3227]	01:19:32	07:24:42	2022-03-14 16:25:35
9	Kiruna	67,83	20,33	0	1.013,25	503 [271]	6480 [3499]	00:37:27	08:02:09	2022-03-14 17:03:02

Drop sondes:

- 1 → 2:** 2
3 → 4:
5 → 6: 3 (30 min leg, planned satellite overpass with Metop-B)
6 → 7: 1
7 → 8: 2

Satellite overpass:

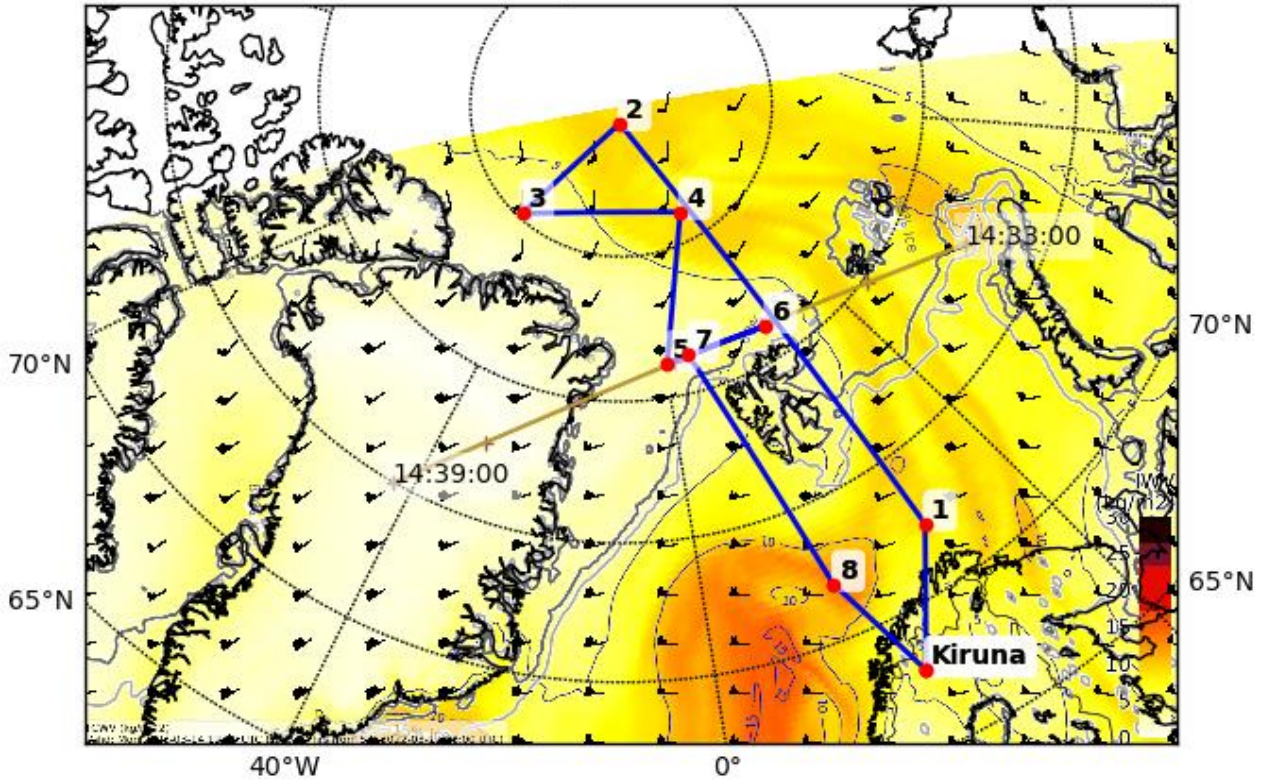
2022/03/14 Orbital Tracks

GMT	SUBLAT	SUBLON	HEADING
14:32:00	74.9080	-70.2508	-999.00
14:33:00	77.6351	-60.4177	314.59
14:34:00	79.8548	-45.9247	300.85
14:35:00	81.1765	-25.5888	281.24
14:36:00	81.1867	-2.0838	281.41
14:37:00	79.8816	18.3305	238.91
14:38:00	77.6718	32.9035	225.09
14:39:00	74.9503	42.7908	215.96



IWV (kg/m^2) at 100.0 (hPa)

Valid: 2022-03-14T12:00:00Z (initialisation: 2022-03-12T00:00:00Z)



Horizontal Wind (m/s) (default) at 100.0 (hPa)

Valid: 2022-03-14T12:00:00Z (initialisation: 2022-03-12T00:00:00Z)

