



Flight Plan:

Friday, 01 April

HALO

Take Off: 09:30 Local Time
Duration: 08:45

Pilots: Roland Welser
Thomas Kalfas
Technician: Thomas Leder

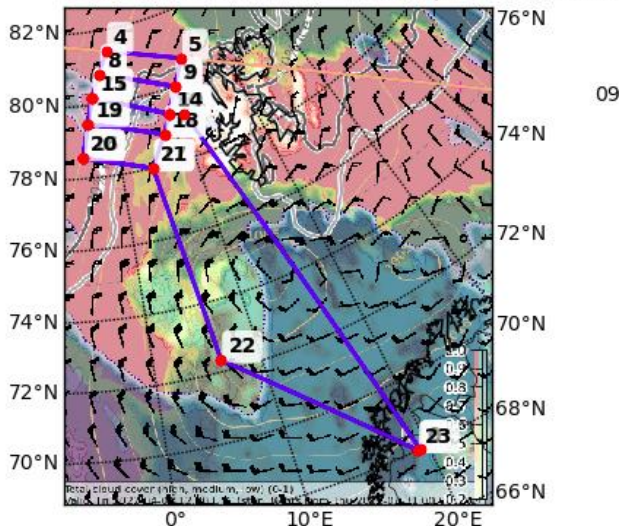
Crew:

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

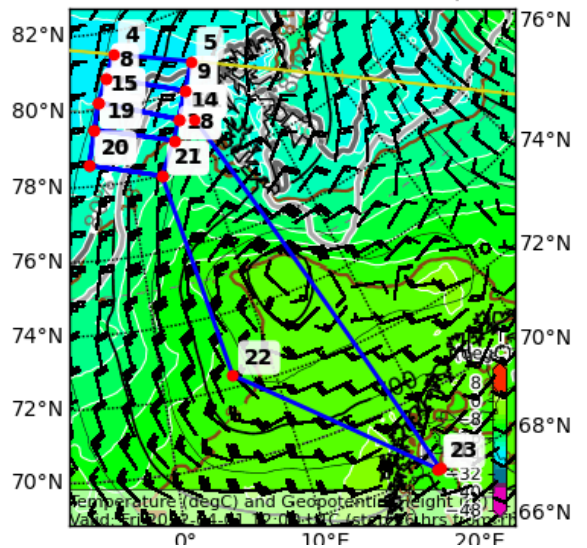
Veronika Pörtge
Georgios Dekoutsidis
Andreas Walbröl
Michael Schäfer
Anna Weber
Geet George
Michail Karalis
André Ehrlich

Maps:

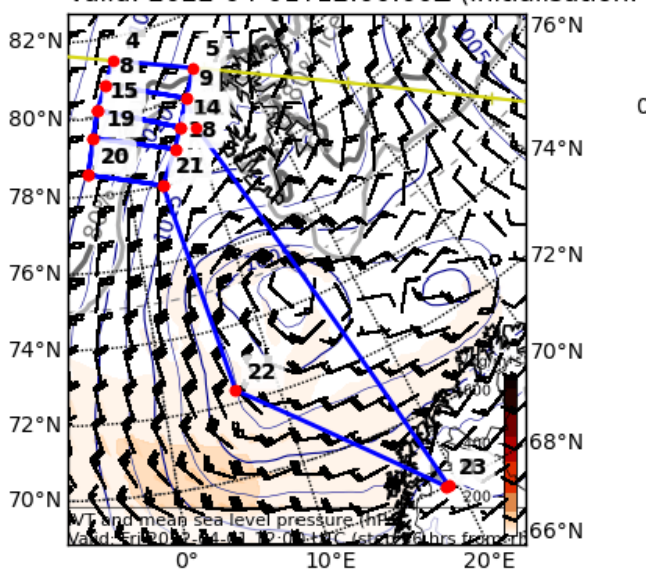
Cloud Cover (0-1) and Mean Sea Level Pressur
Valid: 2022-04-01T12:00:00Z (initialisation: 2



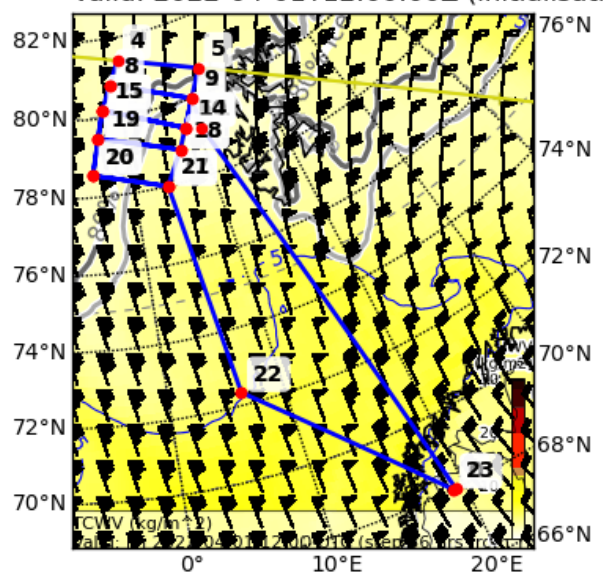
Temperature (degC) and Geopotential Heigl
Valid: 2022-04-01T12:00:00Z (initialisation:



IVT (kg m⁻¹ s⁻¹) and Mean Sea Level Pressur
Valid: 2022-04-01T12:00:00Z (initialisation:



IWV (kg/m²) at 925.0 (hPa)
Valid: 2022-04-01T12:00:00Z (initialisation:



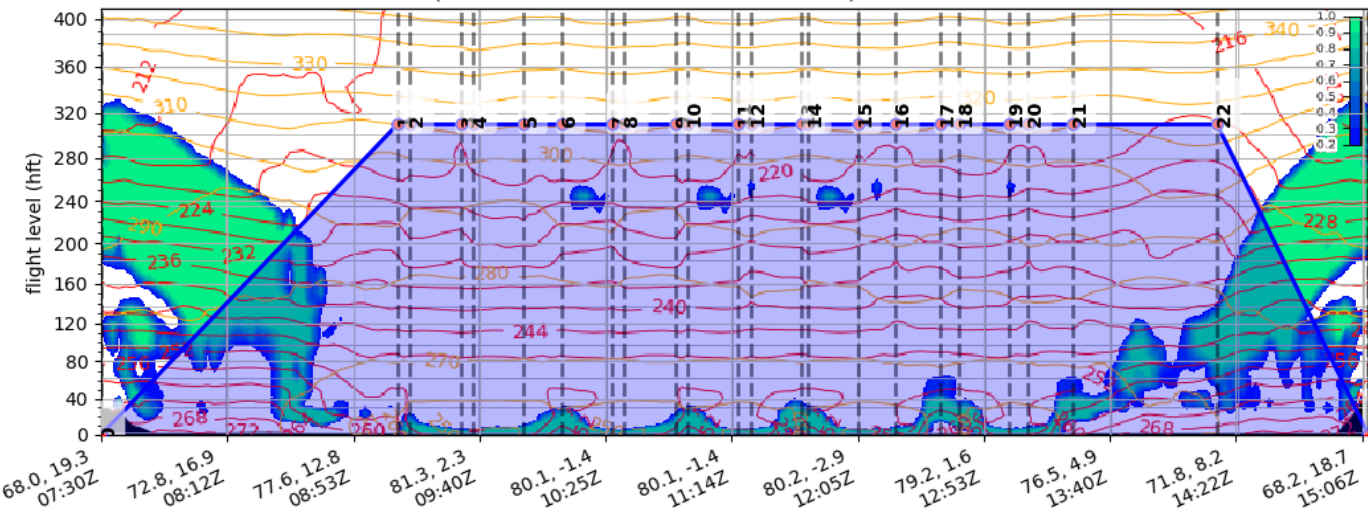


Coordinates

(2) Table View - Mission Support System - HALO_AC3_20220401_HALO_RF12 - MSS

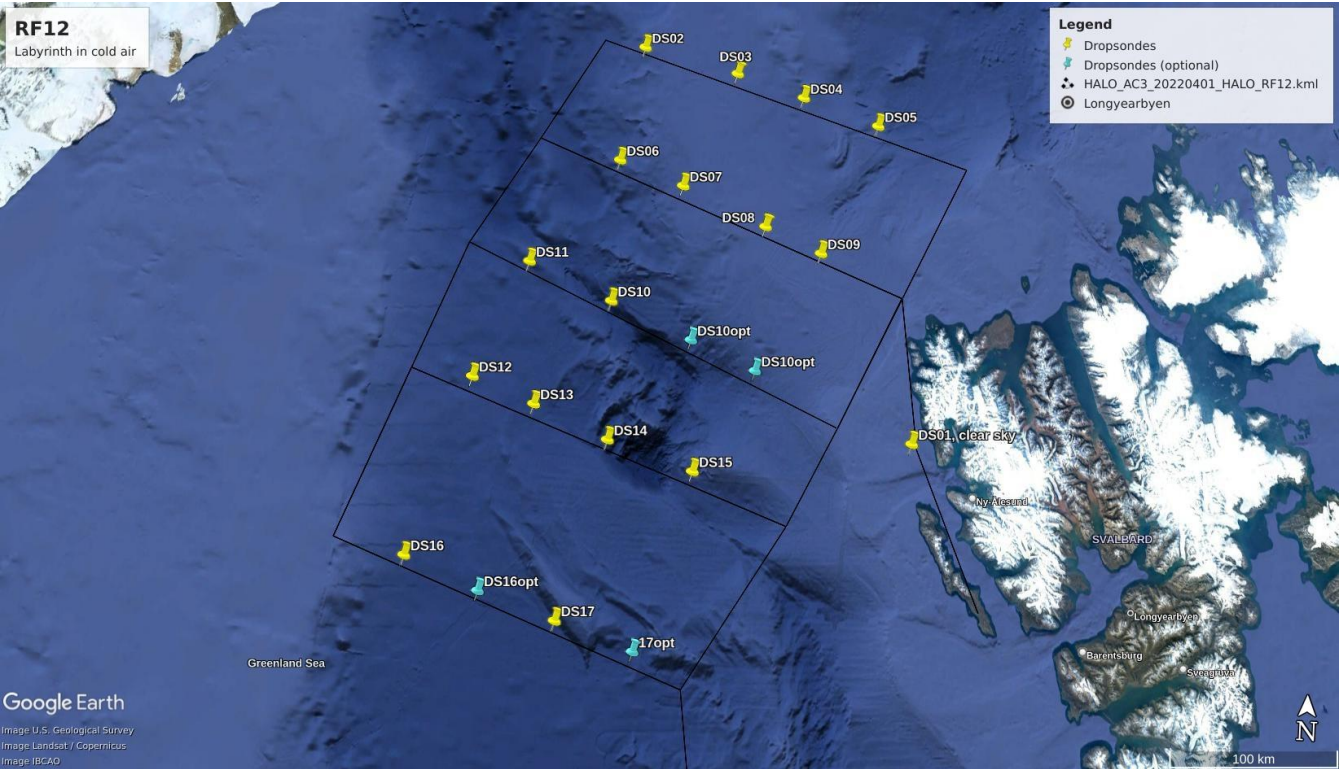
Location	Lat (+90)	Lon (+180)	Flightlevel	Pressure (hPa)	Leg dist. (km [nm])	Cum. dist. (km [nm])	Leg time	Cum. time	Time (UTC)	Rem. fuel (lb)	Aircraft weight (lb)	Ceiling altitude (hft)	Ascent rate (ft/minute)
0	68	19.33	0	1.013.25	0 [0]	0 [0]	00:00:00	00:00:00	2022-04-01 07:30:36	30000	91000	415	0
1	79.2	10.5	310	287.44	1277 [689]	1277 [689]	01:37:45	01:37:45	2022-04-01 09:08:22	24785	85785	425	317
2	80	10.51	310	287.44	89 [48]	1366 [737]	00:06:50	01:44:36	2022-04-01 09:15:12	24421	85421	426	0
3	80.83	-1.14	310	287.44	235 [126]	1601 [864]	00:17:59	02:02:35	2022-04-01 09:33:11	23461	84461	428	0
4	81.41	0.68	310	287.44	72 [39]	1673 [903]	00:05:32	02:08:07	2022-04-01 09:38:43	23166	84166	429	0
5	80.66	13.07	310	287.44	230 [124]	1904 [1028]	00:17:39	02:25:47	2022-04-01 09:56:23	22224	83224	431	0
6	79.33	8.33	310	287.44	174 [94]	2078 [1122]	00:13:21	02:39:08	2022-04-01 10:09:44	21512	82512	432	0
7	80.21	-2.88	310	287.44	242 [130]	2321 [1253]	00:18:34	02:57:42	2022-04-01 10:28:18	20522	81522	435	0
8	80.83	-1.14	310	287.44	75 [41]	2397 [1294]	00:05:48	03:03:31	2022-04-01 10:34:07	20212	81212	435	0
9	80	10.5	310	287.44	234 [126]	2632 [1421]	00:17:58	03:21:30	2022-04-01 10:52:06	19253	80253	438	0
10	79.33	8.33	310	287.44	86 [46]	2718 [1467]	00:06:35	03:28:05	2022-04-01 10:58:42	18901	79901	438	0
11	80.21	-2.88	310	287.44	242 [130]	2960 [1598]	00:18:34	03:46:40	2022-04-01 11:17:16	17911	78911	441	0
12	79.5	-3.89	310	287.44	81 [44]	3042 [1642]	00:06:14	03:52:54	2022-04-01 11:23:30	17577	78577	442	0
13	78.83	6.83	310	287.44	236 [127]	3279 [1770]	00:18:07	04:11:02	2022-04-01 11:41:38	16611	77611	444	0
14	79.33	8.33	310	287.44	64 [34]	3343 [1805]	00:04:54	04:15:57	2022-04-01 11:46:33	16349	77349	445	0
15	80.21	-2.88	310	287.44	242 [130]	3585 [1936]	00:18:33	04:34:30	2022-04-01 12:05:07	15359	76359	447	0
16	78.57	-5.05	310	287.44	188 [101]	3774 [2038]	00:14:27	04:48:58	2022-04-01 12:19:34	14588	75588	449	0
17	78	4.17	310	287.44	218 [117]	3992 [2156]	00:16:42	05:05:40	2022-04-01 12:36:16	13697	74697	451	0
18	78.83	6.83	310	287.44	110 [59]	4103 [2215]	00:08:27	05:14:08	2022-04-01 12:44:44	13245	74245	452	0
19	79.5	-3.89	310	287.44	236 [127]	4340 [2343]	00:18:07	05:32:15	2022-04-01 13:02:52	12279	73279	455	0
20	78.57	-5.05	310	287.44	107 [57]	4447 [2401]	00:08:12	05:40:28	2022-04-01 13:11:04	11841	72841	456	0
21	78	4.17	310	287.44	218 [117]	4665 [2519]	00:16:42	05:57:10	2022-04-01 13:27:46	10950	71950	458	0
22	72.33	6.33	310	287.44	635 [343]	5301 [2862]	00:48:38	06:45:49	2022-04-01 14:16:25	8356	69356	465	0
23	68	19.17	0	1.013.25	682 [368]	5984 [3231]	00:52:17	07:38:06	2022-04-01 15:08:42	5567	66567	473	-492

Cloud Cover (0-1) Vertical Section
Valid: 2022-04-01T12:00:00Z (initialisation: 2022-03-31T00:00:00Z)

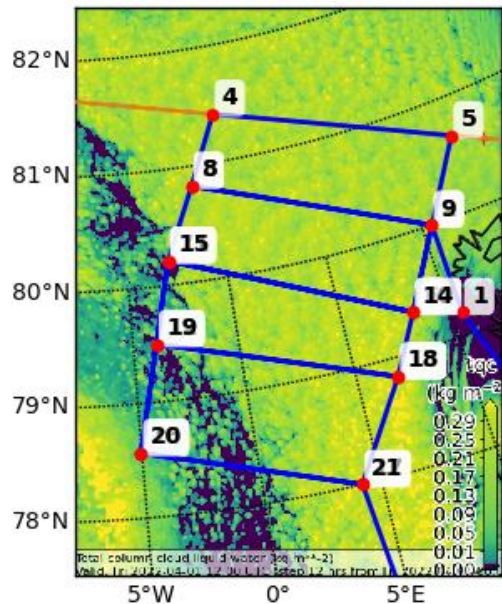




Dropsondes



LES Cloud Variables (tqc)
Valid: 2022-04-01T12:00:00Z (initialis:



D01: 10.4,79.2	D10: 1.6,79.9
D02: 2.8,81.35	D11: -0.7,8.1
D03: 5.4,81.2	D12: -2.1,79.4
D04: 7.7,81.1	D13: -0.4,79.35
D05: 10.3,80.9	D14: 1.8,79.2
D06: 1.5,80.7	D15: 4.2,79.05
D07: 3.5,80.6	D16: -3.3,78.5
D08: 6.3,80.4	D16opt: -1.4,78.4
D09: 8.1,80.2	D17: 0.7,78.25
D10opt: 5.9,79.6	D17opt: 2.9,78.1
D10opt: 4.0,79.8	

blue/opt: optional