



Flight Plan for: 22 March 2022

POLAR 5

Take Off: 10:00 UTC (11:00 LT)
Duration: 04h 50min

Pilots: James Seward
Noah Hladiak

Crew:

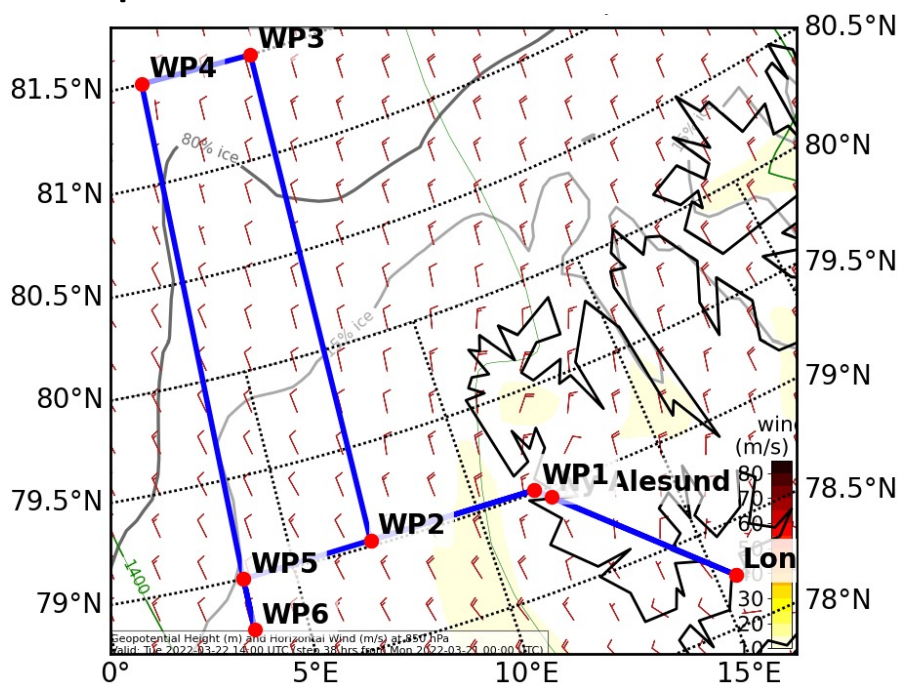
Mission PI	Marcus Klingebiel
AWI	Cristina Sans Coll
AWI	Maximilian Stöhr
Eagle/Hawk	Hanno Müller
MiRAC	Maximilian Maahn
Dropsondes	Pavel Krobot

Ground PI: Imke Schirmacher

Waypoints:

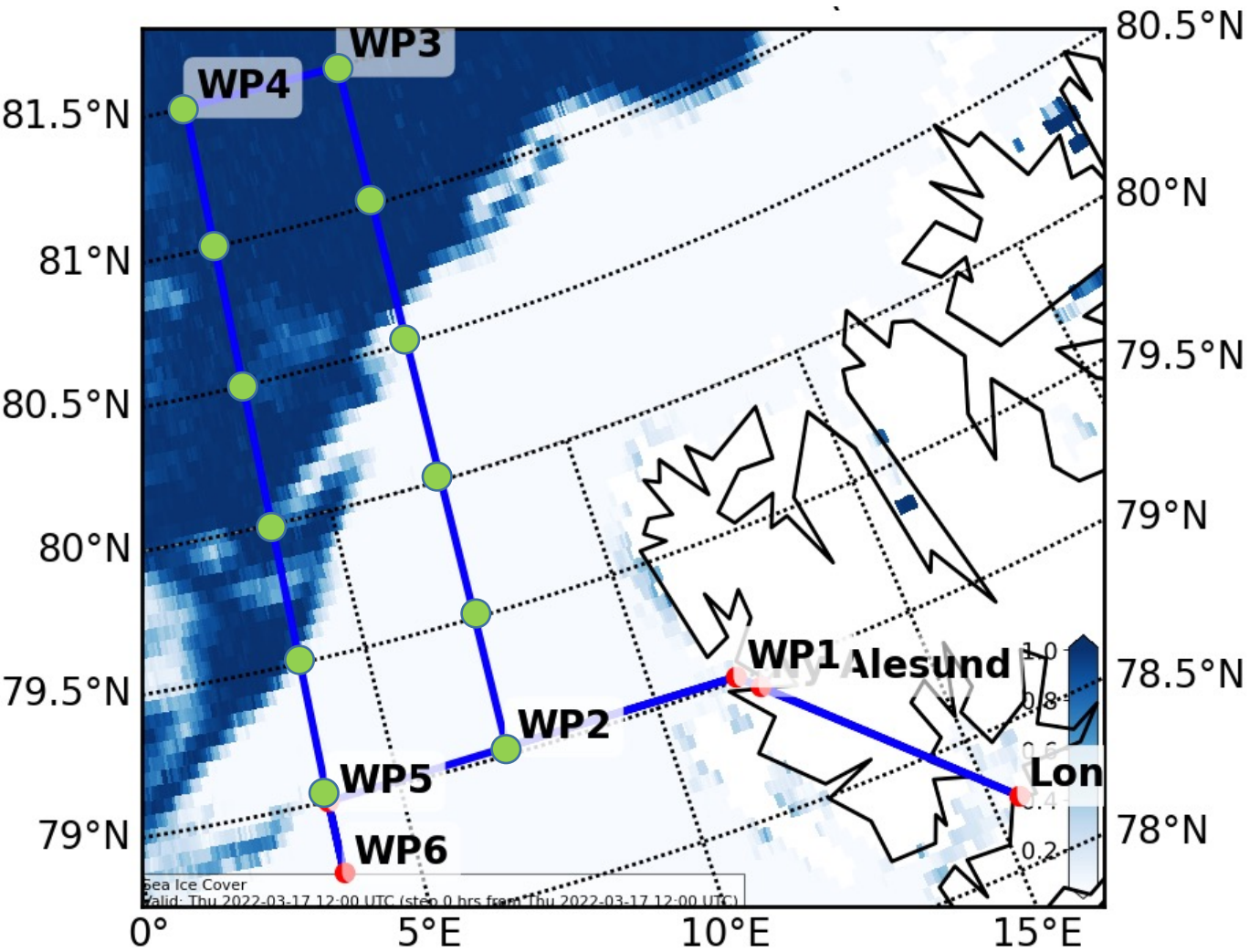
	Lat (+90)	Lon (+180)	FL	Speed (kn)	dms lat	dms lon	Leg dist. (nm)	Legtime	Cum. Time
Longyearbyen	78,245	15,482	0	0	78° 14.700' N	15° 28.920' E	0		
Ny Alesund	78,95	11,93	100	160	78° 57.000' N	11° 55.800' E	59	00:22:29	00:22:29
WP1	79,013	11,558	100	160	79° 0.780' N	11° 33.480' E	5	00:02:08	00:24:38
WP2	79,029	7,102	100	160	79° 1.740' N	7° 6.120' E	51	00:19:11	00:43:49
WP3	81,5	7,75	100	120	81° 30.000' N	7° 45.000' E	149	01:14:34	01:58:23
WP4	81,5	4	100	120	81° 30.000' N	4° 0.000' E	33	00:16:42	02:15:06
WP5	78,999	3,634	100	120	78° 59.940' N	3° 38.040' E	150	01:15:25	03:30:32
WP6	78,74	3,63	100	120	78° 44.400' N	3° 37.800' E	15	00:07:47	03:38:19
WP5	78,999	3,634	100	120	78° 59.940' N	3° 38.040' E	15	00:07:47	03:46:07
WP2	79,029	7,102	100	120	79° 1.740' N	7° 6.120' E	39	00:19:56	04:06:04
WP1	79,013	11,558	100	160	79° 0.780' N	11° 33.480' E	51	00:19:11	04:25:15
Longyearbyen	78,245	15,482	0	160	78° 14.700' N	15° 28.920' E	65	00:24:37	04:49:53

Overview Map:





Detailed Map:



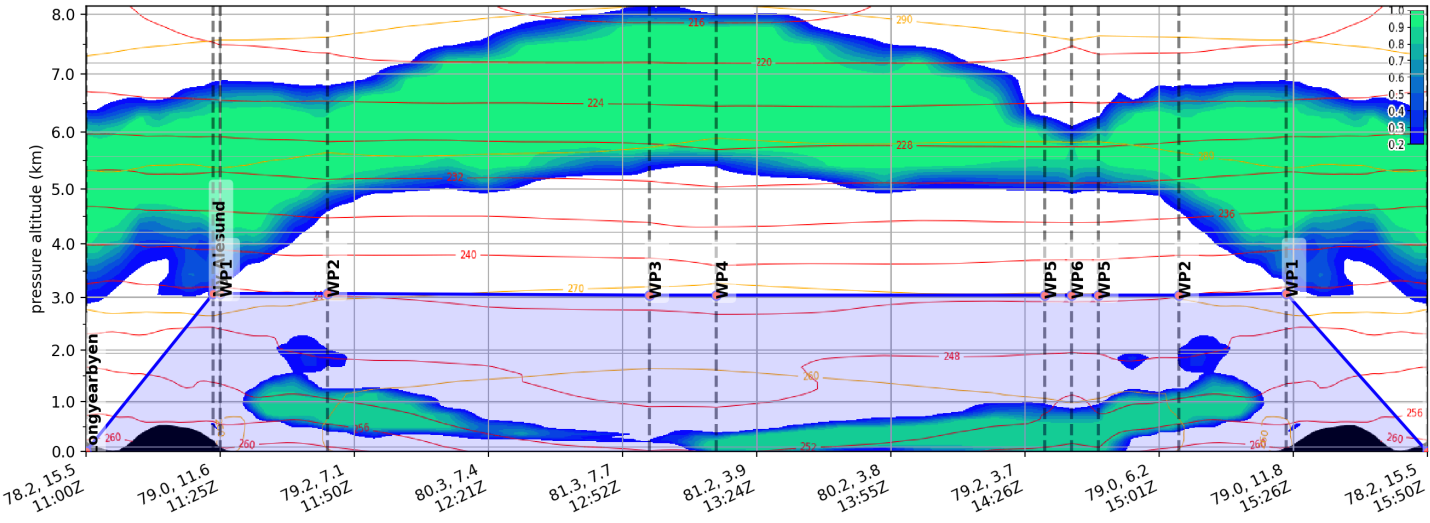
- Dropsonde
- 12 Sondes in total



Additional Maps:

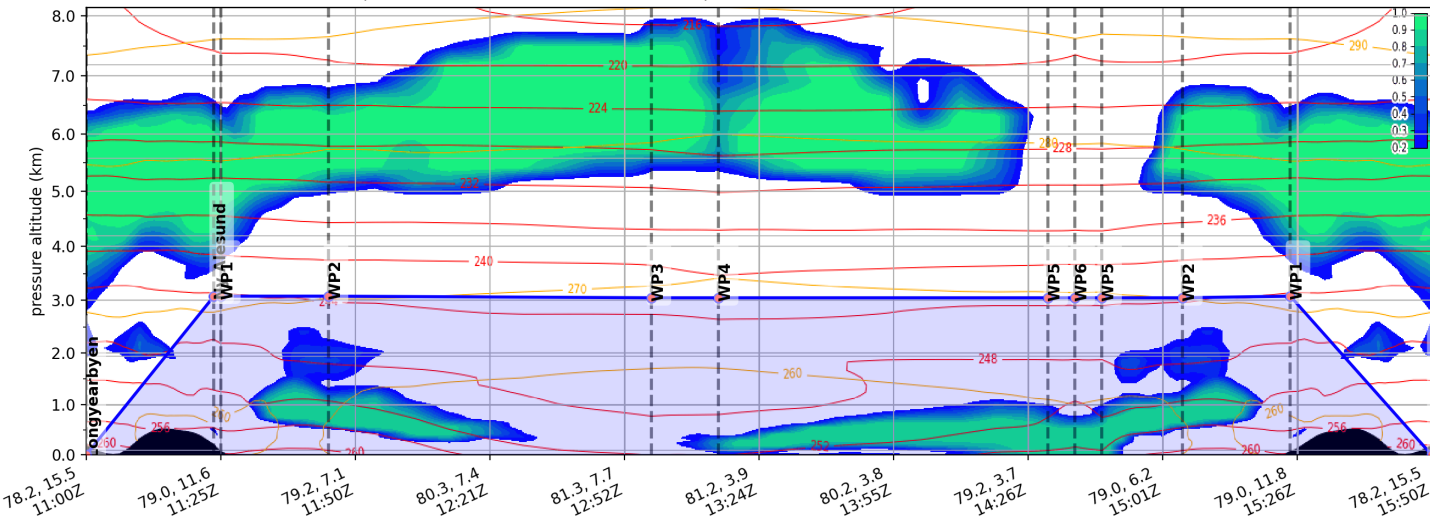
Cloud Cover (0-1) Vertical Section
Valid: 2022-03-22T12:00:00Z (initialisation: 2022-03-21T00:00:00Z)

ECMWF 12:00 UTC



Cloud Cover (0-1) Vertical Section
Valid: 2022-03-22T14:00:00Z (initialisation: 2022-03-21T00:00:00Z)

ECMWF 14:00 UTC



Cloud Cover (0-1) Vertical Section
Valid: 2022-03-22T16:00:00Z (initialisation: 2022-03-21T00:00:00Z)

ECMWF 16:00 UTC

