



# Flight Plan for: 30 March 2022

**POLAR 5**

Take Off: 11:00 UTC (13:00 LT)  
Duration: 05h 00min

Pilots: James Steward  
Artem Brusilovsky

**Crew:**

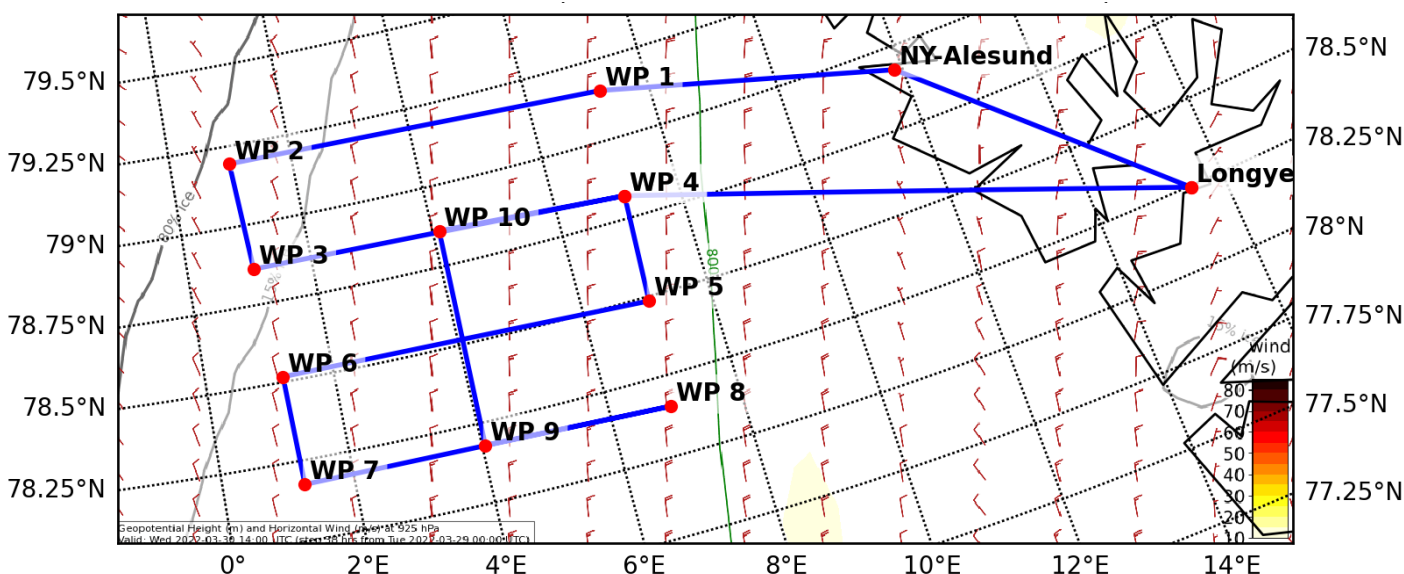
Mission PI	Marcus Klingebiel
AWI	Maximilian Stöhr (??)
AWI	Janosch Michaelis
Eagle/Hawk	Sebastian Becker
MiRAC	Nina Maherndl
Dropsondes	Imke Schirmacher

**Ground PI:** Johanna Mayer

## Waypoints:

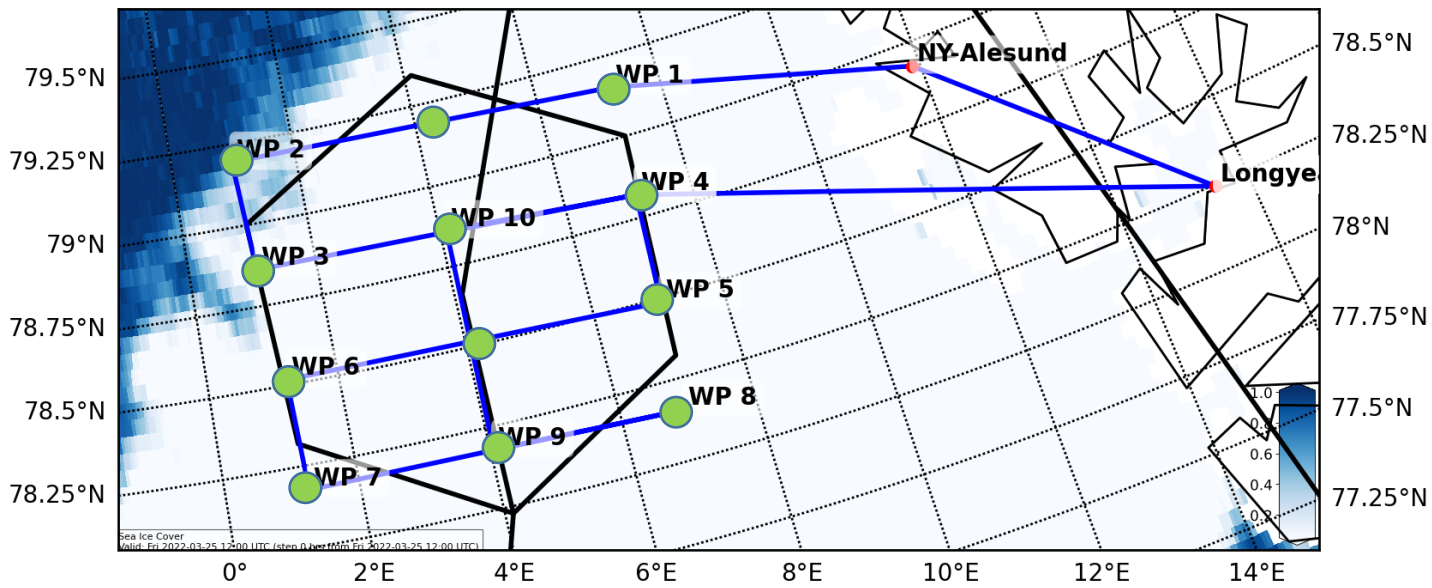
	Lat (+90)	Lon (+180)	FL	Speed (kn)	dms lat	dms lon	Leg dist. (nm)	Leg time	Cum. Time	UTC
Longyearbyen	78,245	15,482	0	0	078° 14.700' N	015° 28.920' E	0	00:00:00	00:00:00	11:00
Ny-Alesund	78,928	11,872	100	160	078° 55.680' N	011° 52.320' E	59	00:22:20	00:22:20	11:22
WP 1	79,153	7,216	100	160	079° 09.180' N	007° 12.960' E	55	00:20:38	00:42:58	11:42
WP 2	79,195	0,976	100	140	079° 11.700' N	000° 58.560' E	70	00:33:17	01:16:15	12:16
WP 3	78,861	1,061	100	140	078° 51.660' N	001° 03.660' E	20	00:11:38	01:27:53	12:27
WP 4	78,82	7,125	100	140	078° 49.200' N	007° 07.500' E	70	00:33:20	02:01:13	13:01
WP 5	78,486	7,039	100	140	078° 29.160' N	007° 02.340' E	20	00:11:38	02:12:51	13:12
WP 6	78,517	1,21	100	140	078° 31.020' N	001° 12.600' E	70	00:33:01	02:45:52	13:45
WP 7	78,175	1,242	100	140	078° 10.500' N	001° 14.520' E	20	00:11:48	02:57:40	13:57
WP 8	78,153	6,924	100	140	078° 09.180' N	006° 55.440' E	70	00:35:06	03:32:46	14:32
WP 9	78,18	4,047	100	140	078° 10.800' N	004° 02.820' E	35	00:15:15	03:48:01	14:48
WP 10	78,86	4,105	100	140	078° 51.600' N	004° 06.300' E	40	00:17:34	04:05:35	15:05
WP 4	78,82	7,125	100	140	078° 49.200' N	007° 07.500' E	35	00:15:08	04:20:43	15:20
Longyearbyen	78,245	15,482	0	160	078° 14.700' N	015° 28.920' E	105	00:39:42	05:00:25	16:00

## Overview Map:





# Detailed Map:



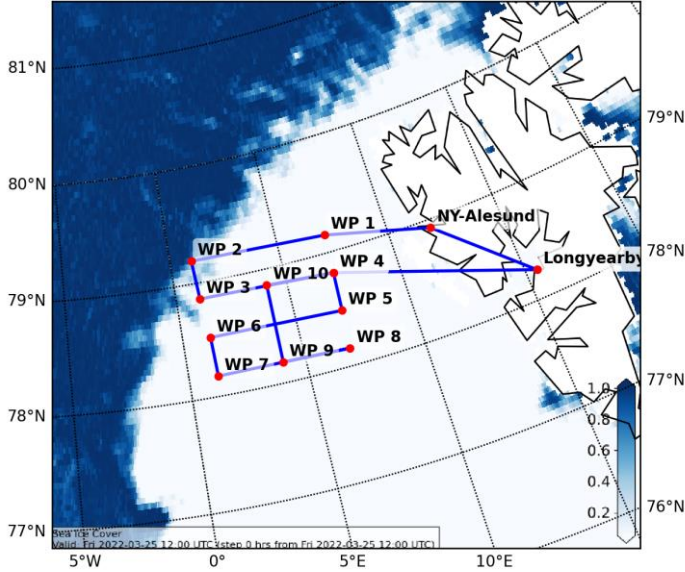
● Dropsonde

12 Sondes in total

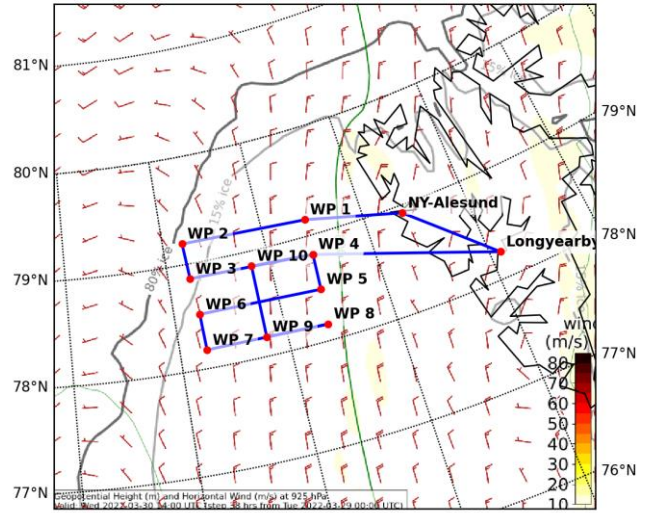


## Additional Maps:

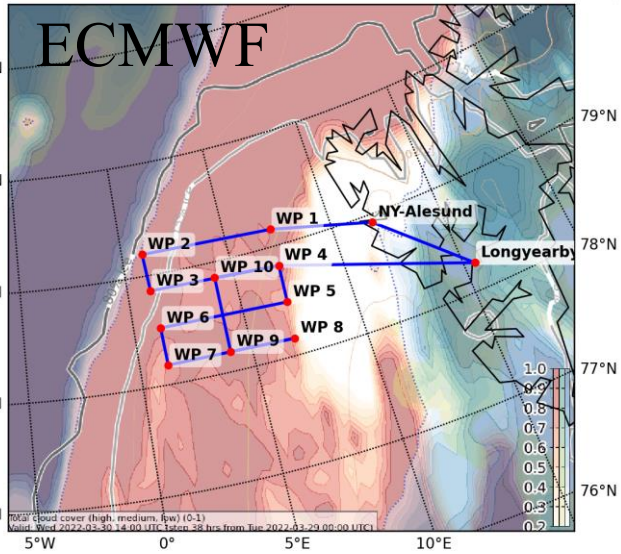
Sea Ice Cover AMSR2 (0-1) ( default )  
Valid: 2022-03-25T12:00:00Z (initialisation: 2022-03-25T12:00:00Z)



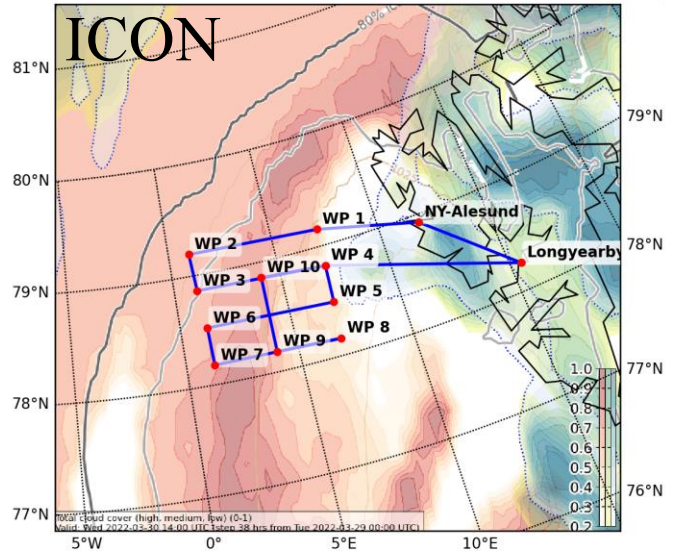
Horizontal Wind (m/s) and Geopotential Height (m) ( default ) at 925.0 (hPa)  
Valid: 2022-03-30T14:00:00Z (initialisation: 2022-03-29T00:00:00Z)



Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) ( TOT )  
Valid: 2022-03-30T14:00:00Z (initialisation: 2022-03-29T00:00:00Z)



Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) ( TOT )  
Valid: 2022-03-30T14:00:00Z (initialisation: 2022-03-29T00:00:00Z)



Cloud Cover (0-1) Vertical Section  
Valid: 2022-03-30T14:00:00Z (initialisation: 2022-03-29T00:00:00Z)

