



Flight Plan for: 10 April 2022

POLAR 5

Take Off: 09:15 UTC (11:15 LT)
Duration: 05h 08min

Pilots: Gary Andrist
Noah Hladiak

Crew:

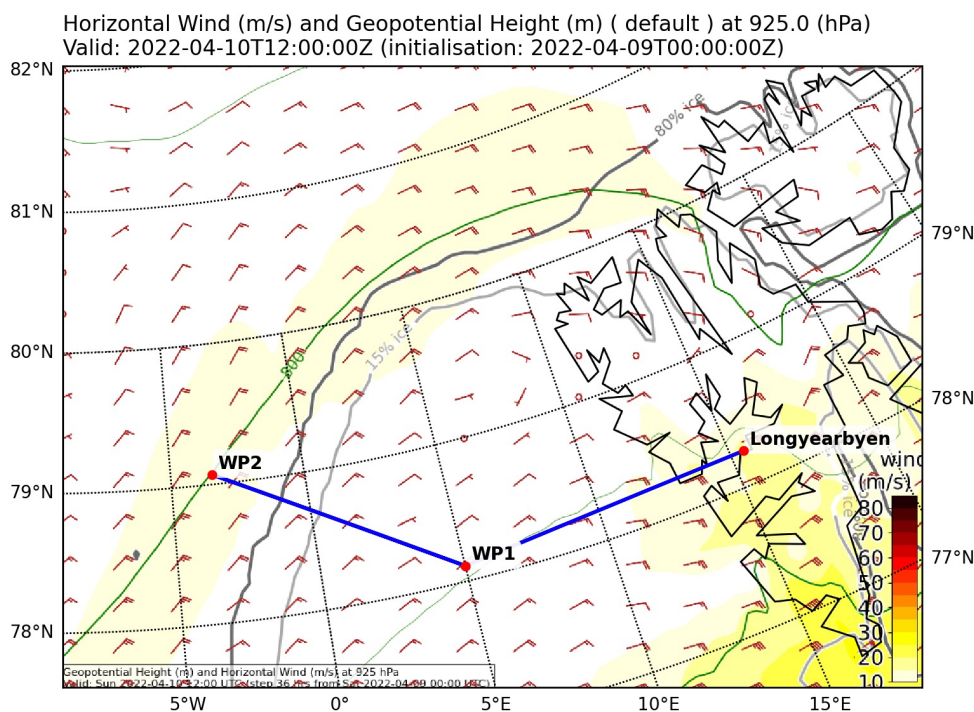
Mission PI	Marcus Klingebiel
AWI	Cristina Sans Coll
SMART	Tim Sperzel
Eagle/Hawk	Hanno Müller
MiRAC	Imke Schirmacher
Dropsondes	Daria Paul

Ground PI: Nina Maherndl

Waypoints:

	Lat (+90)	Lon (+180)	FL	Speed (kn)	dms lat	dms lon	Leg dist. (nm)	Leg time	Cum. dist. (nm)	Cum. time	UTC
LYR	78,245	15,482	0	0	78° 14.700' N	015° 28.920' E	0	00:00:00	0	00:00:00	09:15
WP1	78,11	5	100	160	78° 06.600' N	005° 00.000' E	129	00:48:35	129	00:48:35	10:03
WP2	79,07	-3,442	100	140	79° 04.200' N	003° 26.520' W	116	00:53:42	245	01:42:17	10:57
WP1	78,11	5	100	140	78° 06.600' N	005° 00.000' E	116	00:53:42	361	02:35:59	11:50
WP2	79,07	-3,442	100	140	79° 04.200' N	003° 26.520' W	116	00:53:42	477	03:29:41	12:44
WP1	78,11	5	100	140	78° 06.600' N	005° 00.000' E	116	00:49:42	593	04:19:23	13:34
LYR	78,245	15,482	0	160	78° 14.700' N	015° 28.920' E	129	00:48:35	722	05:07:58	14:22

Overview Map:

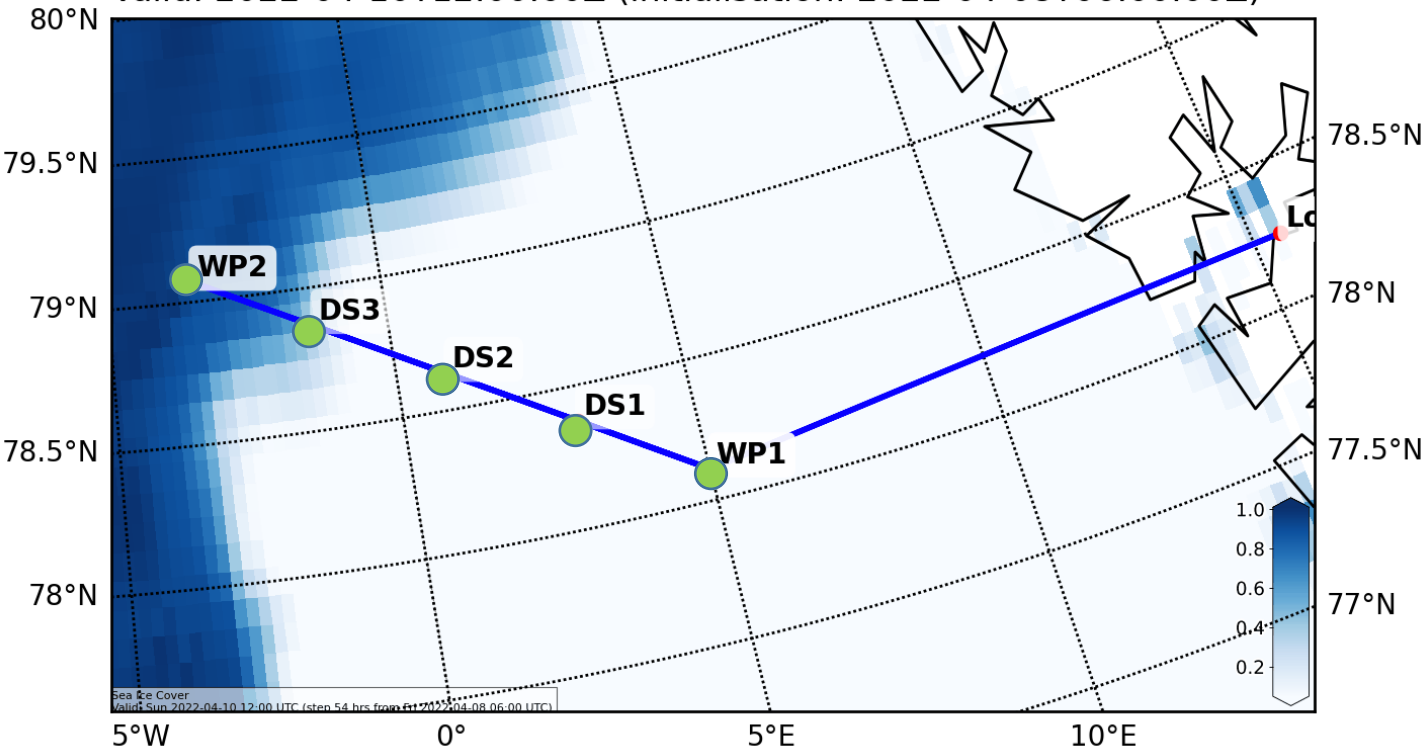




Detailed Map:

Sea Ice Cover Forecast (0-1) (default)

Valid: 2022-04-10T12:00:00Z (initialisation: 2022-04-08T06:00:00Z)



● Dropsonde
17 Sondes in total

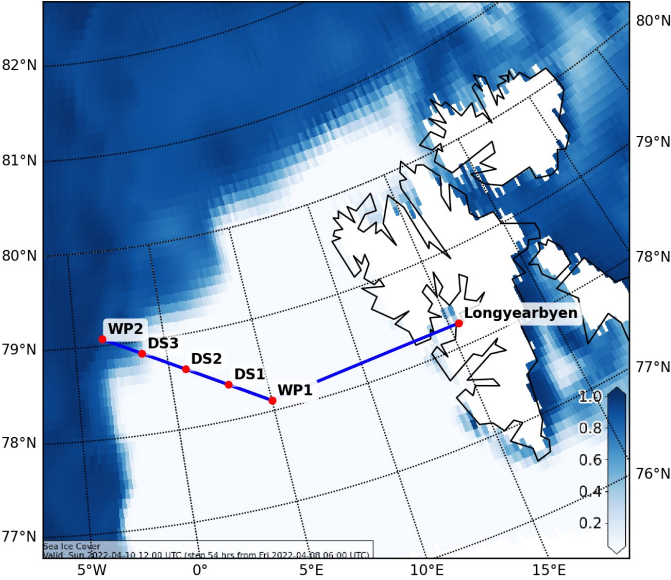
Dropsonde locations:

	Lat (+90)	Lon (+180)
WP1	78,11	5
DS1	78,378	2,973
DS2	78,629	0,874
DS3	78,868	-1,345
WP2	79,07	-3,442

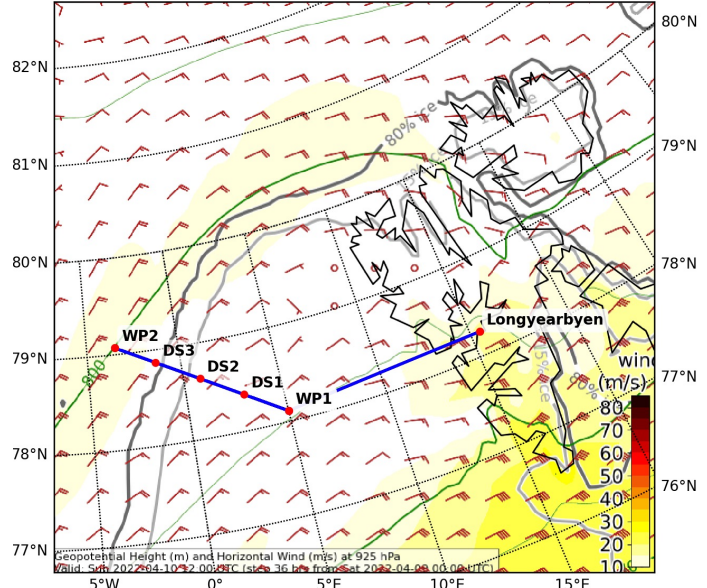


Additional Maps:

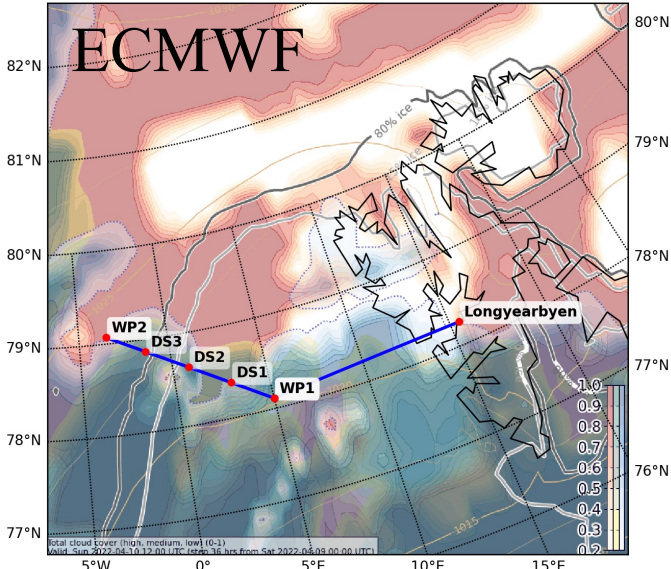
Sea Ice Cover Forecast (0-1) (default)
Valid: 2022-04-10T12:00:00Z (initialisation: 2022-04-08T06:00:00Z)



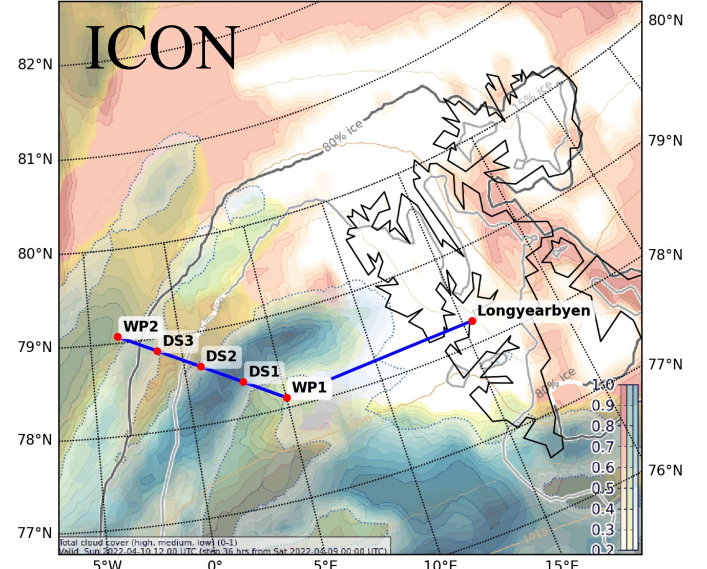
Horizontal Wind (m/s) and Geopotential Height (m) (default) at 925.0 (hPa)
Valid: 2022-04-10T12:00:00Z (initialisation: 2022-04-09T00:00:00Z)



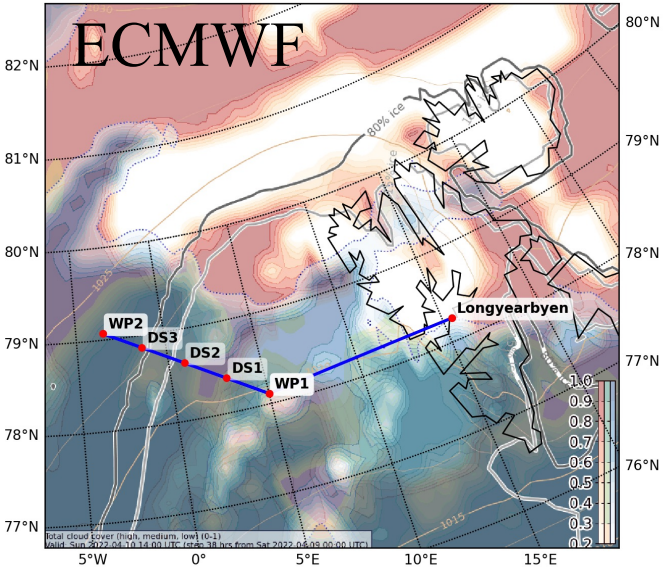
Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) (TOT)
Valid: 2022-04-10T12:00:00Z (initialisation: 2022-04-09T00:00:00Z)



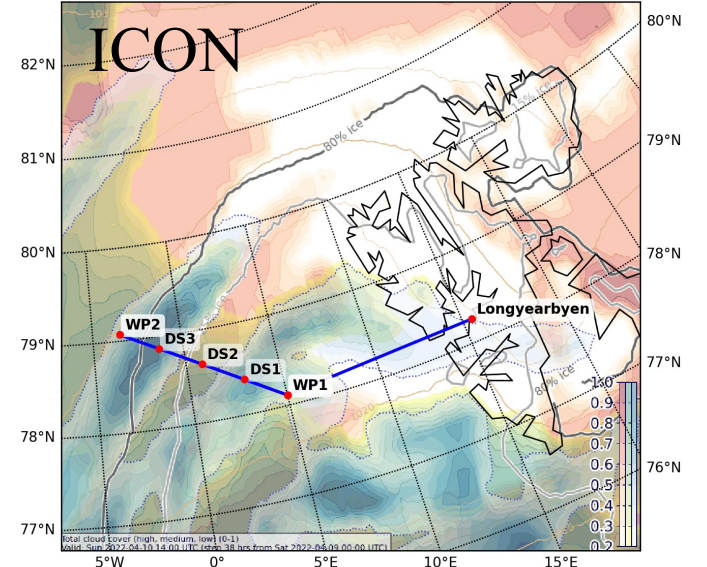
Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) (TOT)
Valid: 2022-04-10T12:00:00Z (initialisation: 2022-04-09T00:00:00Z)



Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) (TOT)
Valid: 2022-04-10T14:00:00Z (initialisation: 2022-04-09T00:00:00Z)



Cloud Cover (0-1) and Mean Sea Level Pressure (hPa) (TOT)
Valid: 2022-04-10T14:00:00Z (initialisation: 2022-04-09T00:00:00Z)

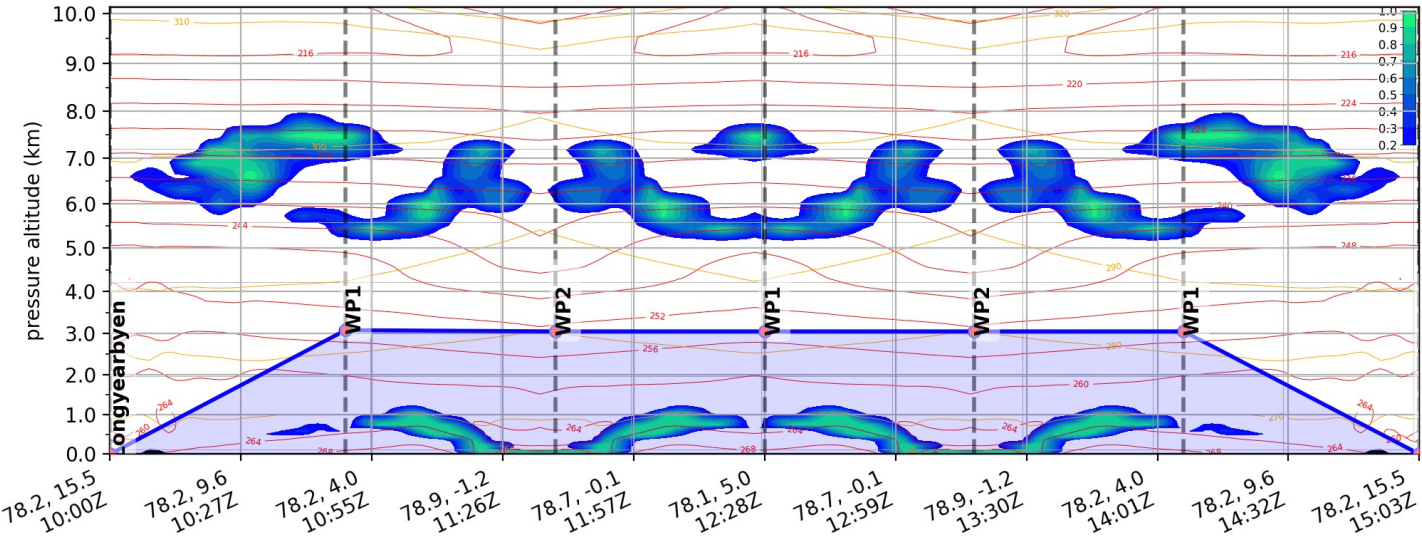




Additional Maps:

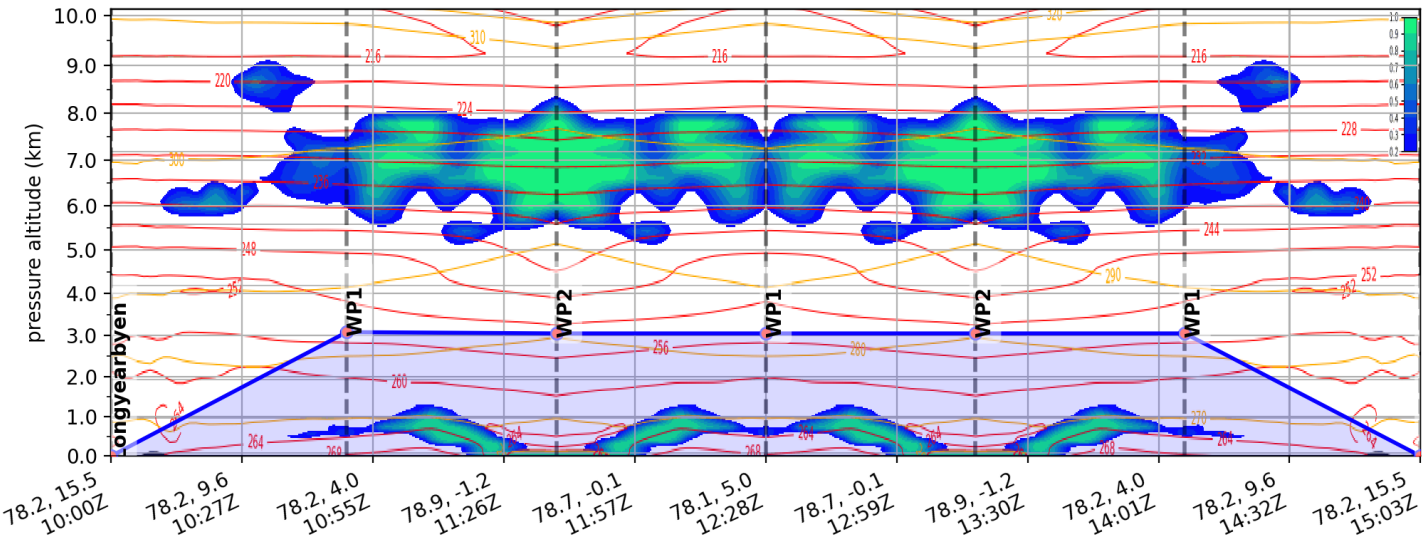
ECMWF

Cloud Cover (0-1) Vertical Section
Valid: 2022-04-10T12:00:00Z (initialisation: 2022-04-09T00:00:00Z)



ECMWF

Cloud Cover (0-1) Vertical Section
Valid: 2022-04-10T14:00:00Z (initialisation: 2022-04-09T00:00:00Z)



ECMWF

Cloud Cover (0-1) Vertical Section
Valid: 2022-04-10T16:00:00Z (initialisation: 2022-04-09T00:00:00Z)

