

AFLUX Flight 2019 04 07

POLAR 5

Crew: Pilots: Jim Haffey, Marc-Andre Verner

Mission PI

Yvonne Boose

Est. Take Off: 09:15 LT

AWI

Sebastian Spelz

Eagle/Hawk

Johannes Stapf

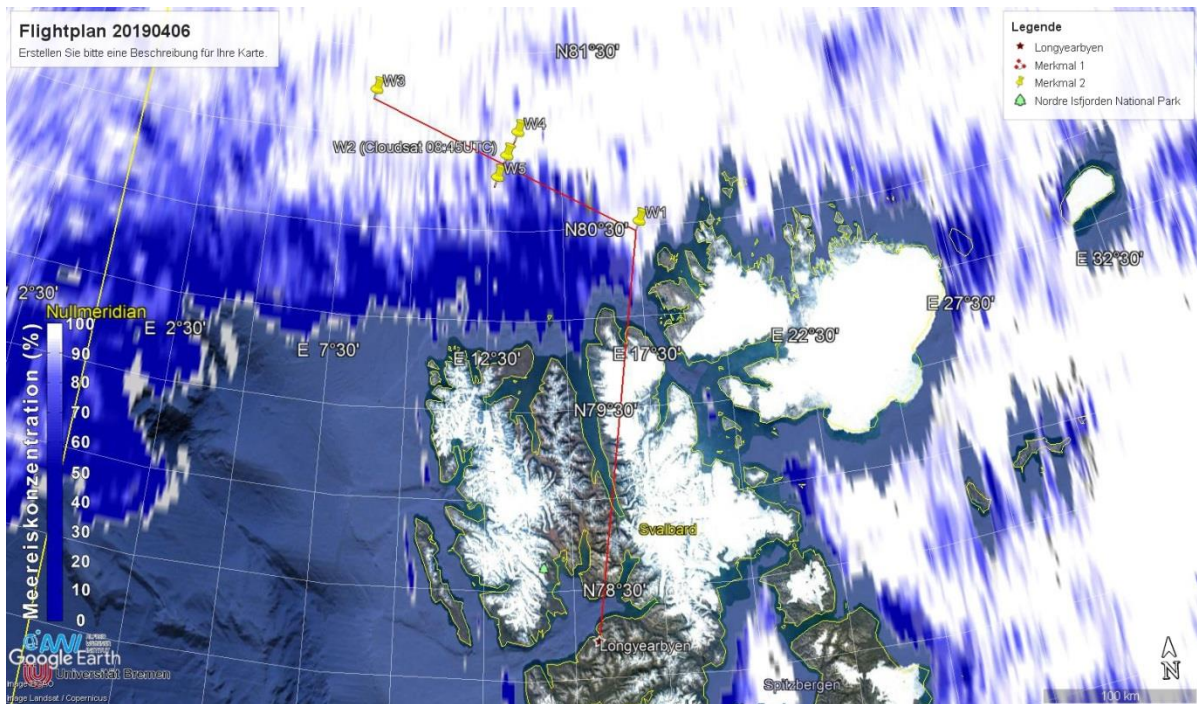
Est. Duration: 5 Hours

MiRAC

Leif-Leonard Kliesch

PMS

Regis Dupuy



Waypoints:

LYR: 78° 14.816 ' N, 15° 27.545 ' E (78.245N, 15.482E)

W1: 80°28.9198' N, 17°26.999' E (80.482N, 17.45E)

W2: 80°52.4158' N, 13°0.82783' E (80.8736N, 13.0138E)

W3: 81°12.6538 ' N, 8°15.59983 ' E (81.2109N, 8.26 E)

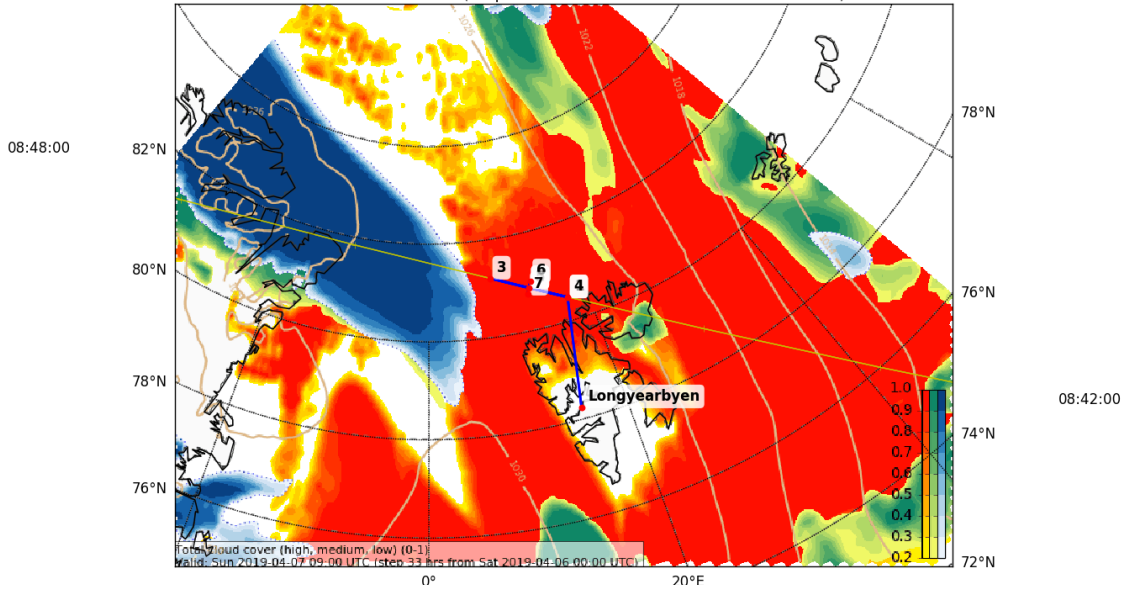
W4: 81°N, 13°24.0E (81 N, 13.4E)

W5: 80°45.0 ' N, 12°41.999, E (80.75N, 12.7E)

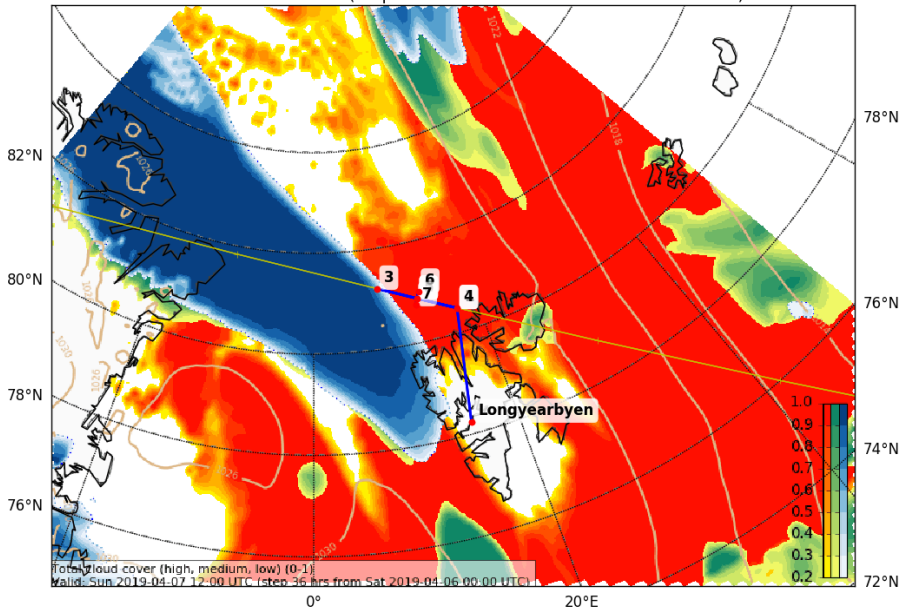
Flight Plan

LYR -> W1	136 nm, climb to 10'000 ft (180 kn)	52 min
W1 -> W2	49 nm, at 10'000 ft (150 kn), Be at W2 at 8:45 UTC	20 min
W2 -> W3	49 nm, at 10'000 ft (150 kn)	20 min
W3 ->W1	98 nm, saw teeth through clouds (120kn)	50 min
W1 ->W2	49 nm, at 200 ft (120 kn)	25 min
W2 -> W4	8 nm, at 200 ft (120 kn)	4 min
W4 -> W5	16 nm, stair case pattern 6 legs (120 kn)	60 min
W4 -> W2	8 nm, at 1600 ft (120 kn)	4 min
W2 -> W1	49 nm, saw teeth through clouds (120kn)	20 min
W1 -> LYR	136 nm, 10'000 ft at 180 kn	46 min

Cloud Cover (0-1) (Total Cloud Cover)
Valid: Sun 2019-04-07 09:00 UTC (step 33 hrs from Sat 2019-04-06 00:00 UTC)



Cloud Cover (0-1) (Total Cloud Cover)
Valid: Sun 2019-04-07 12:00 UTC (step 36 hrs from Sat 2019-04-06 00:00 UTC)



Cloud Cover (0-1) Vertical Section

Valid: Sun 2019-04-07 09:00 UTC (step 33 hrs from Sat 2019-04-06 00:00 UTC)

