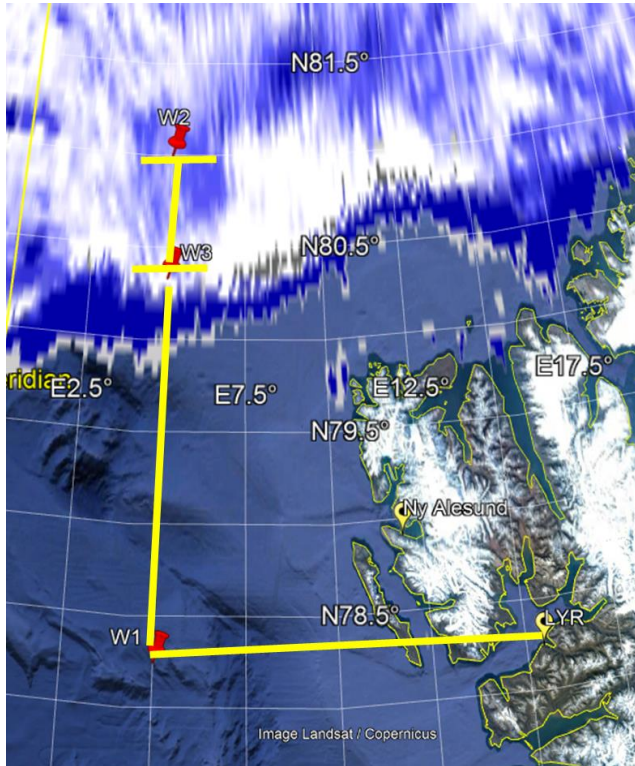


AFLUX Flight 2019 03 30

POLAR 5

Crew:	Mission PI	André Ehrlich	
	AWI	Sebastian Spelz	Est. Take Off: 10:30 LT
	Eagle/Hawk	Elena Ruiz	
	MiRAC	Leif-Leonard Kliesch	Est. Duration: 5.5 Hours
	PMS	Yvonne Boose	
	PMS	Guillaume Mioche	



Waypoints: **W1:** 78° 20.00' N, 5° 00.00' E
W2: 81° 00.00' N, 5° 00.00' E
W3: 80° 20.00' N, 5° 00.00' E

Dropsonde 1: 78° 20.00' N, 5° 00.00' E
Dropsonde 2: 79° 00.00' N, 5° 00.00' E
Dropsonde 3: 79° 40.00' N, 5° 00.00' E
Dropsonde 4: 80° 20.00' N, 5° 00.00' E
Dropsonde 5: 81° 00.00' N, 5° 00.00' E

Flight Plan

LYR – W1 climb and stay at 10,000 ft: **130 NM @160kn** **50 min**

W1 – W2 at 10,000 ft: **120 NM @160kn** **60 min**

Temp down at W2 to 200 ft

Staircase 1: 5 legs 200ft – cloud top each 6 min @100kn **50 min**

W2 – W3 Sawteeth 40 Nm **20 min**

Staircase 2: 5 legs 200ft – cloud top each 6 min @100kn **50 min**

W3 – W1 Sawteeth 120 Nm @120kn **50 min**

W1 – LYR climb and stay at 10,000 ft: **130 NM @160kn** **50 min**

Total:

5 hr 30 min