

ACLOUD Flight 2017 05 27, Saturday

**POLAR 5
Remote**

Crew:	Mission PI	Manfred Wendisch	
	AWI	Christoph Petersen	Est. Take Off: 10:00 LT
	SMART	Johannes Stapf	
	Eagle/Hawk	Elena Ruiz	Est. Duration: 5 h 30 min
	MiRAC	Mario Mech	
	AMALi	Tobias Doktorowski	

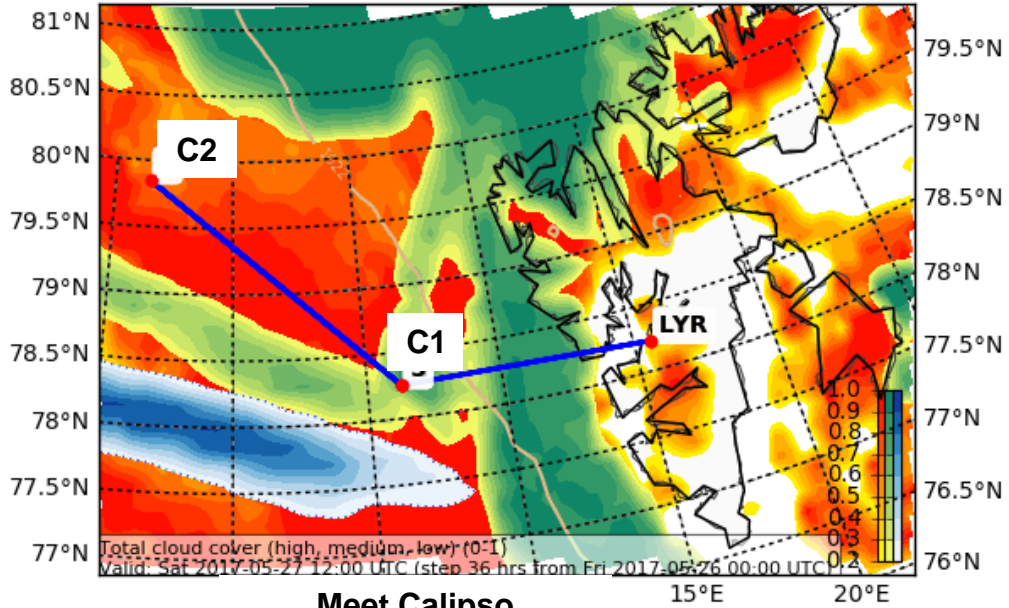
Waypoints: **LYR:** 78° 14.816' N, 15° 27.545' E
 C1: 78° 15.000' N, 6° 16.176' E
 C2: 79° 50.742' N, 3° 30.786' W

Flight Plan

LYR – C1 climb and stay at 10,000 ft:	115 NM @ 140kn	45 min
C1 – C2 at 10,000 ft:	147 NM @ 150kn	60 min
C2 – C1 at 10,000 ft:	147 NM @ 150kn	60 min
Release three drop sondes at C2, Satelite meeting, and C1 Meet satellite at:	79° 4.044' N, 1° 47.434' E 12:27:00 LT	
C1 – C2 descend from 10,000 ft to 6,000 ft:		60 min
C2 – C1 at 6,000 ft:	147 NM @ 150kn	60 min
C1 – LYR	115 NM @ 150kn	45 min
	<u>Total:</u>	<u>819 NM 5 h 30 min</u>

Cloud Cover (0-1) (Total Cloud Cover)

Valid: Sat 2017-05-27 12:00 UTC (step 36 hrs from Fri 2017-05-2



Meet Calipso

Valid: S

12:27:00

79° 4.044' N, 1° 47.434' E

