

# ACLOUD Flight 2017 05 27, Saturday

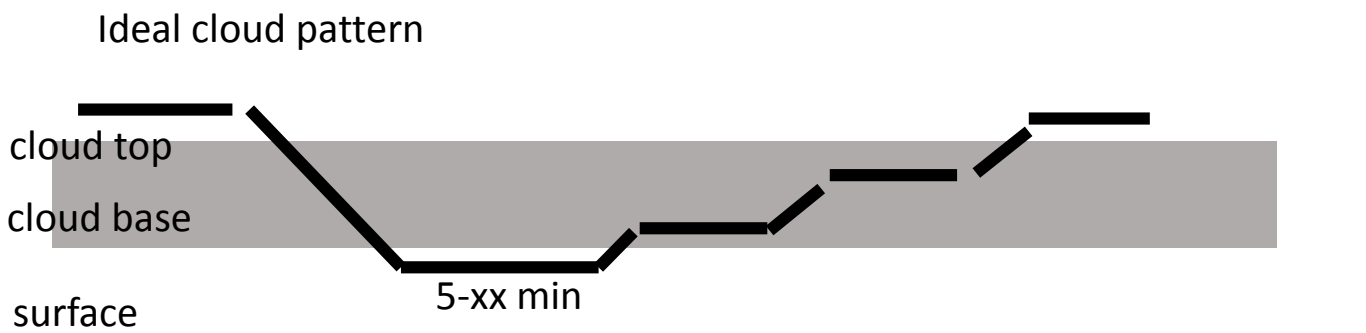
**POLAR 6  
In Situ**

Crew:	Mission PI	Johannes Schneider	
	AWI	Martin Gehrman	Est. Take Off: 15:00 LT
	PMS	Emma Järvinen	
	Aerosol 1	Hans Clemen	Est. Duration: 3 h 30 min
	Aerosol 2	Stephan Mertes	
	Trace Gases	Heiko Bozem	
	add	Christphe Gourbeyre	
	add	Daniel Damske	

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

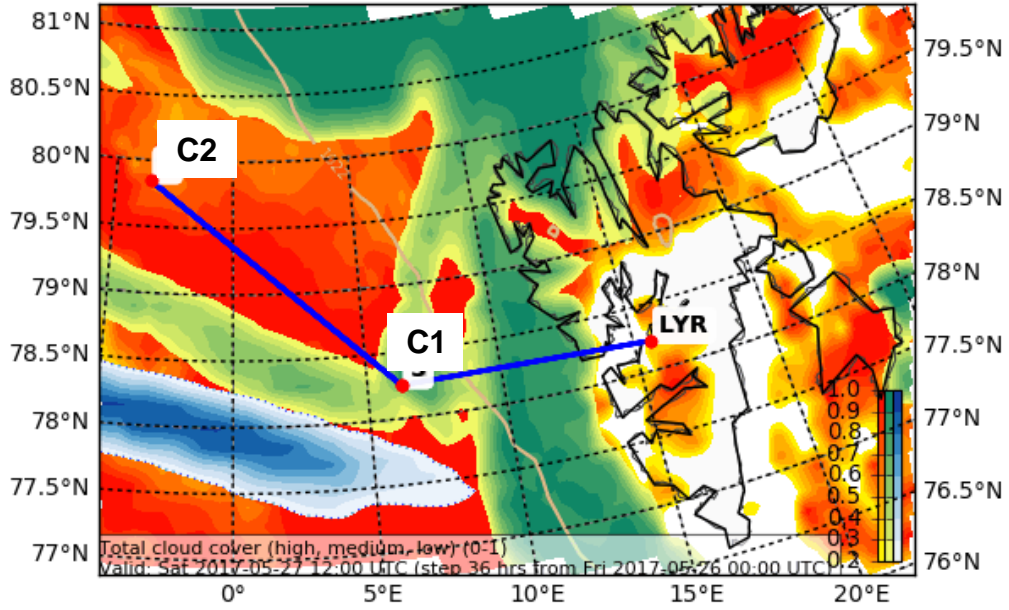
## Flight Plan

LYR – C1 climb to 6,000 ft:	<b>115 NM @ 140kn</b>	<b>45 min</b>
C1 – C2 descent/climb through cloud layer: detailed pattern see below	<b>147 NM @ 150kn</b>	<b>60 min</b>
C2 – C1 descent/climb through cloud layer:	<b>147 NM @ 150kn</b>	<b>60 min</b>
C1 – LYR climb in steps of 5min legs to 10,000 ft, and descend in steps again to LYR	<b>115 NM @ 150kn</b>	<b>45 min</b>
	<b>Total:</b>	<b>519 NM    3 h 30 min</b>



# 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

12:27:00

79° 4.044' N, 1° 47.434' E

017-05-26 00:00 UTC)

Valid: Sat 2017-05-27 12

cloud cover (0-1) with temperature (T)

Valid: Sat 2017-05-27 12:00 UTC (ste

