



Flight Plan for: 25 Mar 2021

POLAR 6

Take Off: 07:10 UTC
Duration: 4.25 Hours

Pilots: Bill
Ben

Crew:

Mission PI	O. Eppers
AWI	C. Sans i Col
ALABAMA/Aero	J. Schneider
CVI	S. Mertes
Trace gases	Heiko Bozem
PMS	M. Moser

Waypoints:

LYR	78°14'	15°28'
SP1	78° 00'	28° 24'
SP2	78° 00'	29° 12'
SP3	78° 30'	29° 12'
SP4	78° 30'	28° 24'
LYR	78°14'	15°28'



Flight Plan:

LYR - SP0 ascend FL 100: **111NM@160kn (cruising speed)** **42 min**

SP0 - SP1 descend FL20: 49NM@120kn **25 min**

SP1 - SP2 7 stacks 5 min each @ FL 2, 6, 10, 30, 50, 70, 90 @**120kn**
65 min

SP2 - SP3 descend to FL 2 @ 120kn 15 min

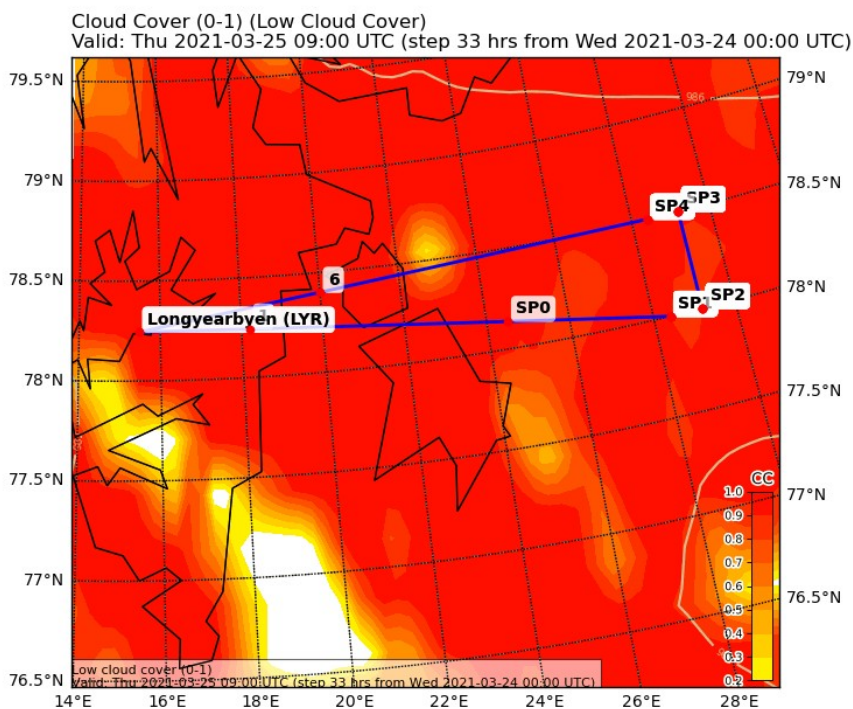
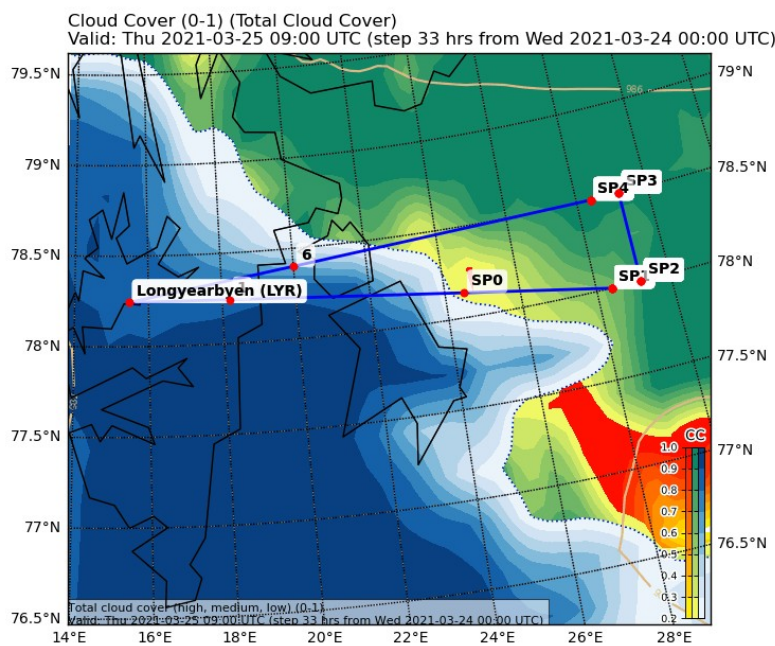
SP3 - SP4 7 stacks 5 min each @ FL 2, 6, 10, 30, 50, 70, 90 @**120kn**
65 min

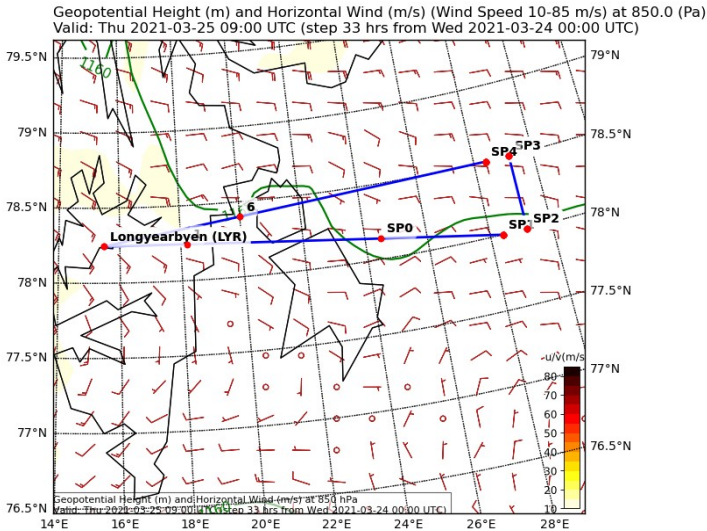
SP4 - LYR at FL100 descending: **165 NM @ 160 kn cruising speed**
62 min

Total: 4 hr 25 min



Additional Maps:

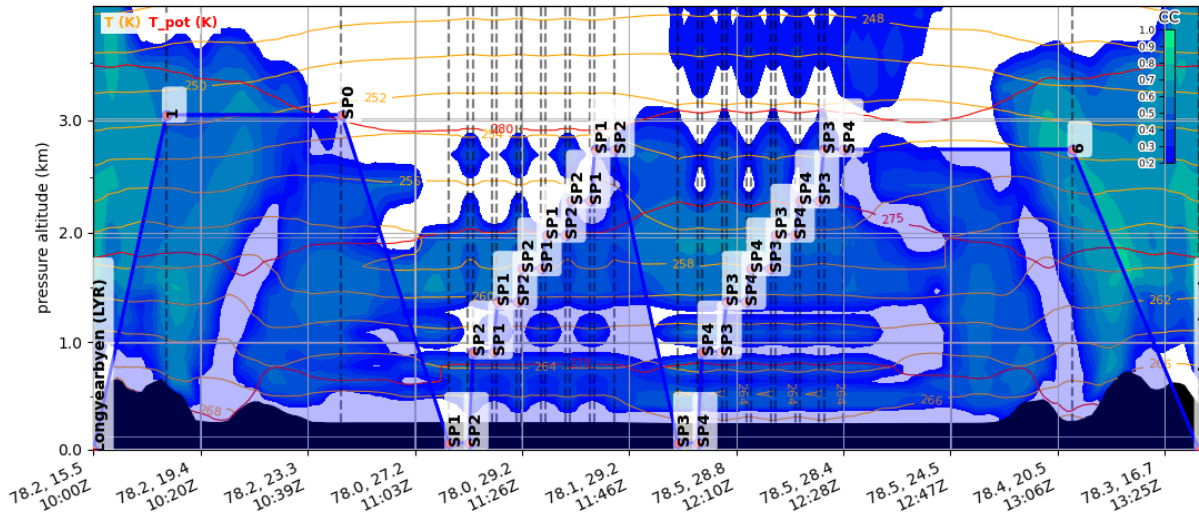




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ICON

Cloud Cover (0-1) Vertical Section
Valid: Thu 2021-03-25 09:00 UTC (step 33 hrs from Wed 2021-03-24 00:00 UTC)



ECMWF

Cloud Cover (0-1) Vertical Section
Valid: Thu 2021-03-25 09:00 UTC (step 33 hrs from Wed 2021-03-24 00:00 UTC)

