

Supplement of

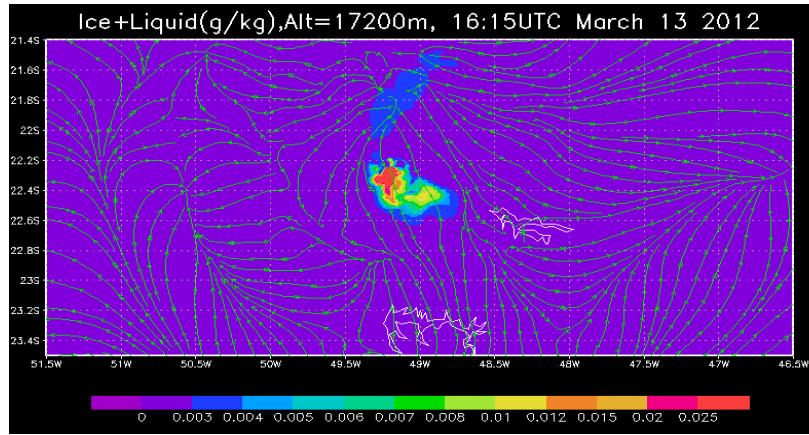
“On the cross-tropopause transport of water by tropical convective overshoots: a mesoscale modelling study constrained by in situ observations during the TRO-Pico field campaign in Brazil”

Abhinna K. Behera et al.

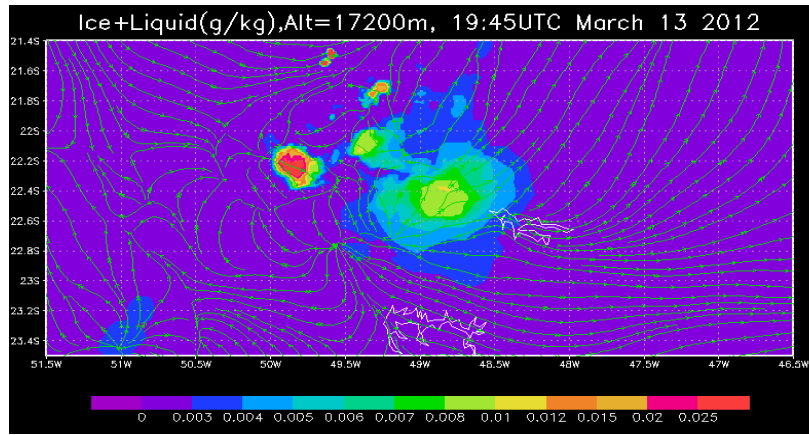
Correspondence: Abhinna K. Behera (abhinna.behera@univ-lille.fr)

- movie_radar_brams_13March2012.mp4
- movie_brams_cross-section_13March2012.mp4

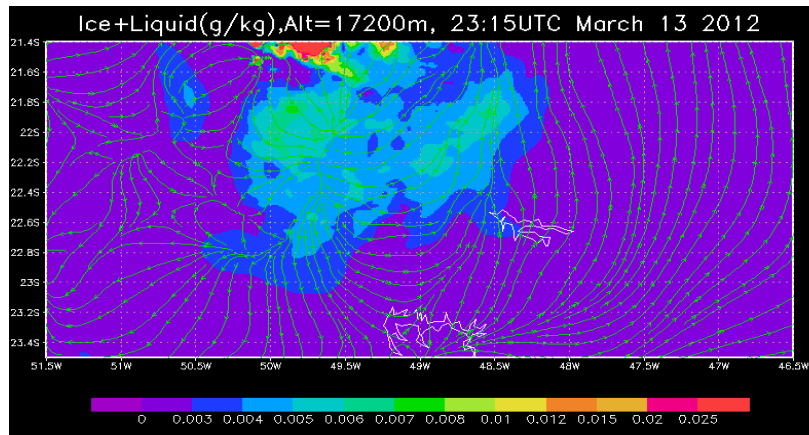
S1. Total water content at 17.2 km altitude in NU21 simulation



(a)



(b)



(c)

Figure S1. BRAMS simulation: NU21 total water content, ice, liquid, and vapour in g kg^{-1} , at 17.2 km altitude at (a) 16:15 UT, (b) 19:45 UT, and (c) 23:15 UT, respectively. The streamlines represent the horizontal wind fields within the domain, a composite of the second and third grids.