



Supplement of

Balloon-borne aerosol–cloud interaction studies (BACIS): field campaigns to understand and quantify aerosol effects on clouds

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Supplementary Figures:

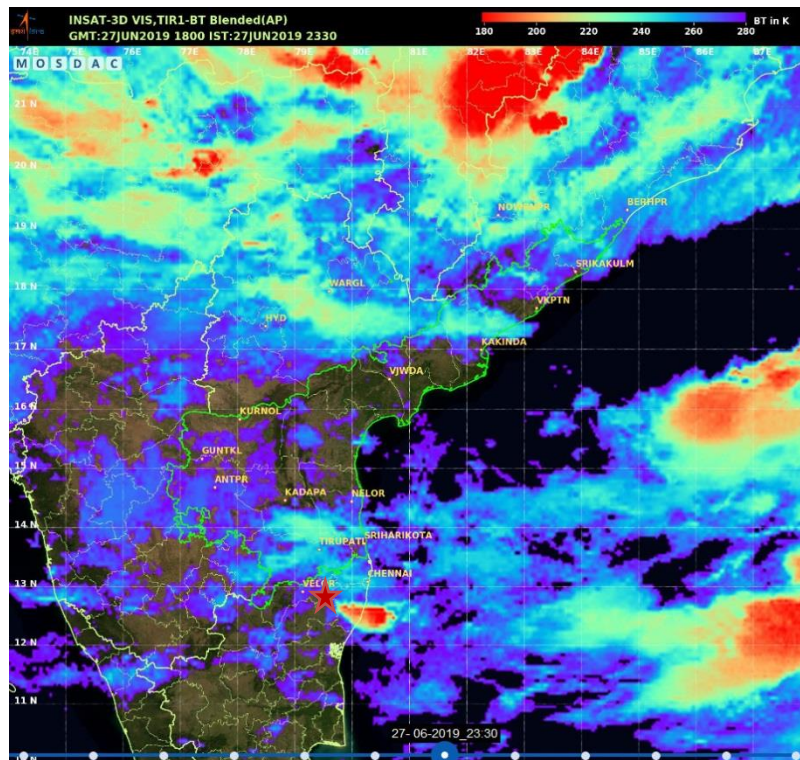


Figure S1. Blended image of Brightness Temperature (BT) derived using TIR1 and VIS channels of INSAT-3D imager. Image courtesy: MOSDAC (<https://www.mosdac.gov.in/gallery-products>). A wine red color star shown in the image represents the location of launch site (Gadanki; 13.45° N; 79.2° E).

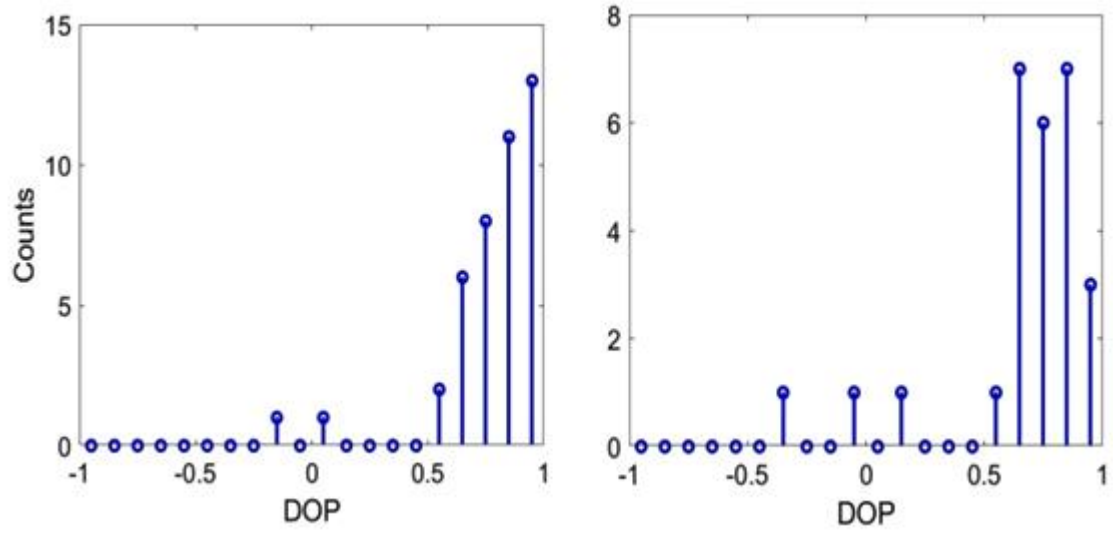


Figure S2. The distribution of DOP of super cooled clouds found on sounding held on 27 June 2019 at 1800 UTC. The left panel represents the super cooled cloud at the lower troposphere (5.1-5.5 km) and right panel in the mid-troposphere (8.6-9 km).

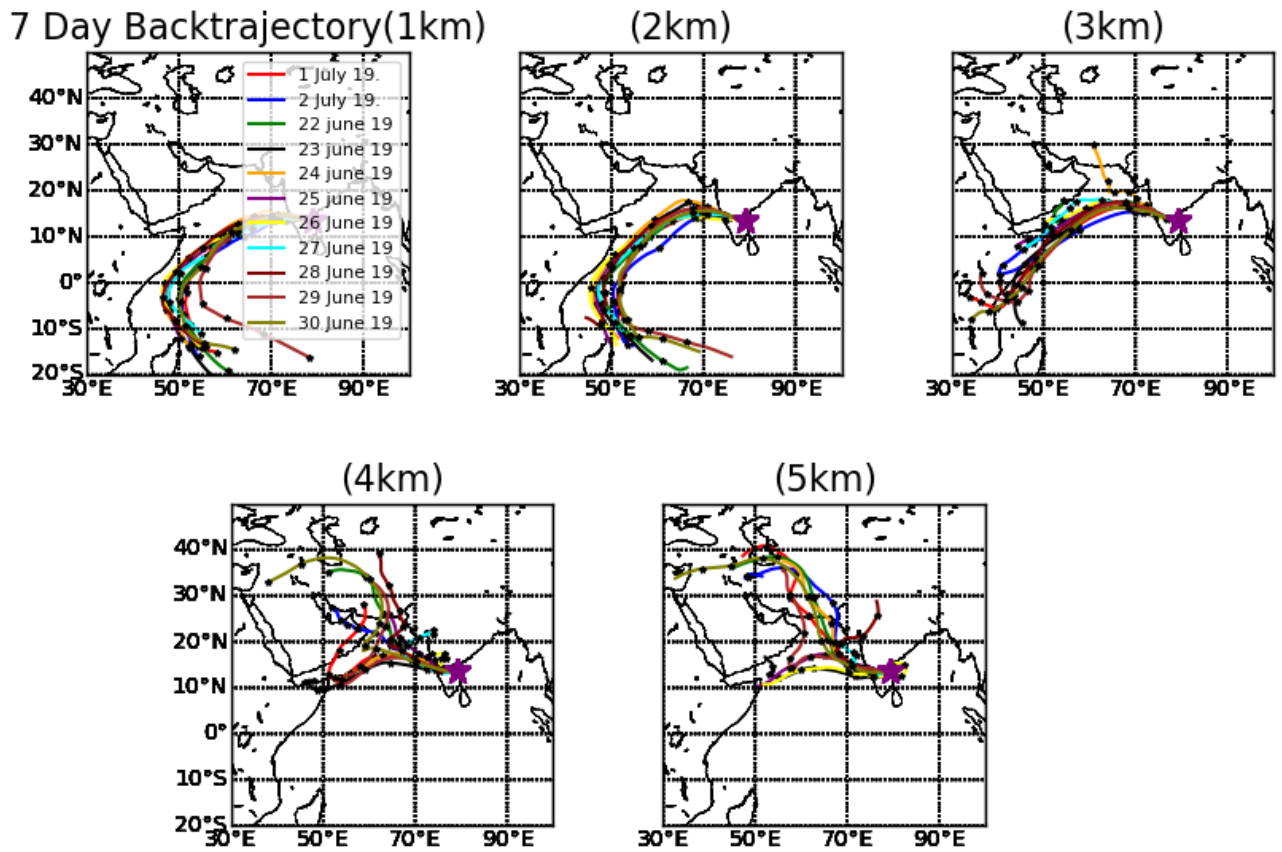


Figure S3. Hysplit 7-day back trajectories for 5 days before and after the launch date (27 Jun 2019 18 UTC) shown in different colors. The trajectories ending at every one kilometre altitude from 1 to 5 km over launch location (Gadanki; 13.45° N; 79.2° E) are shown in separate panels.
