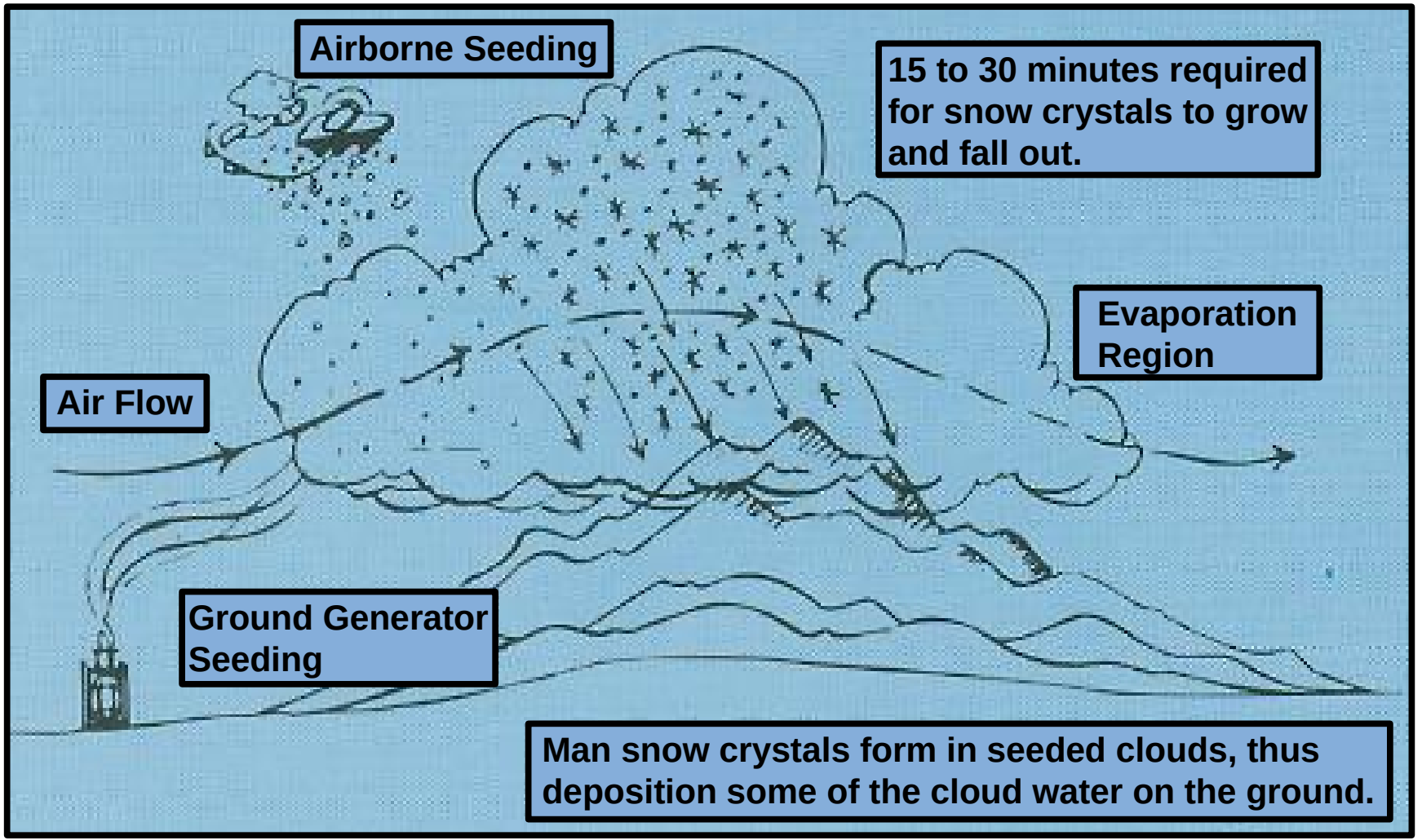
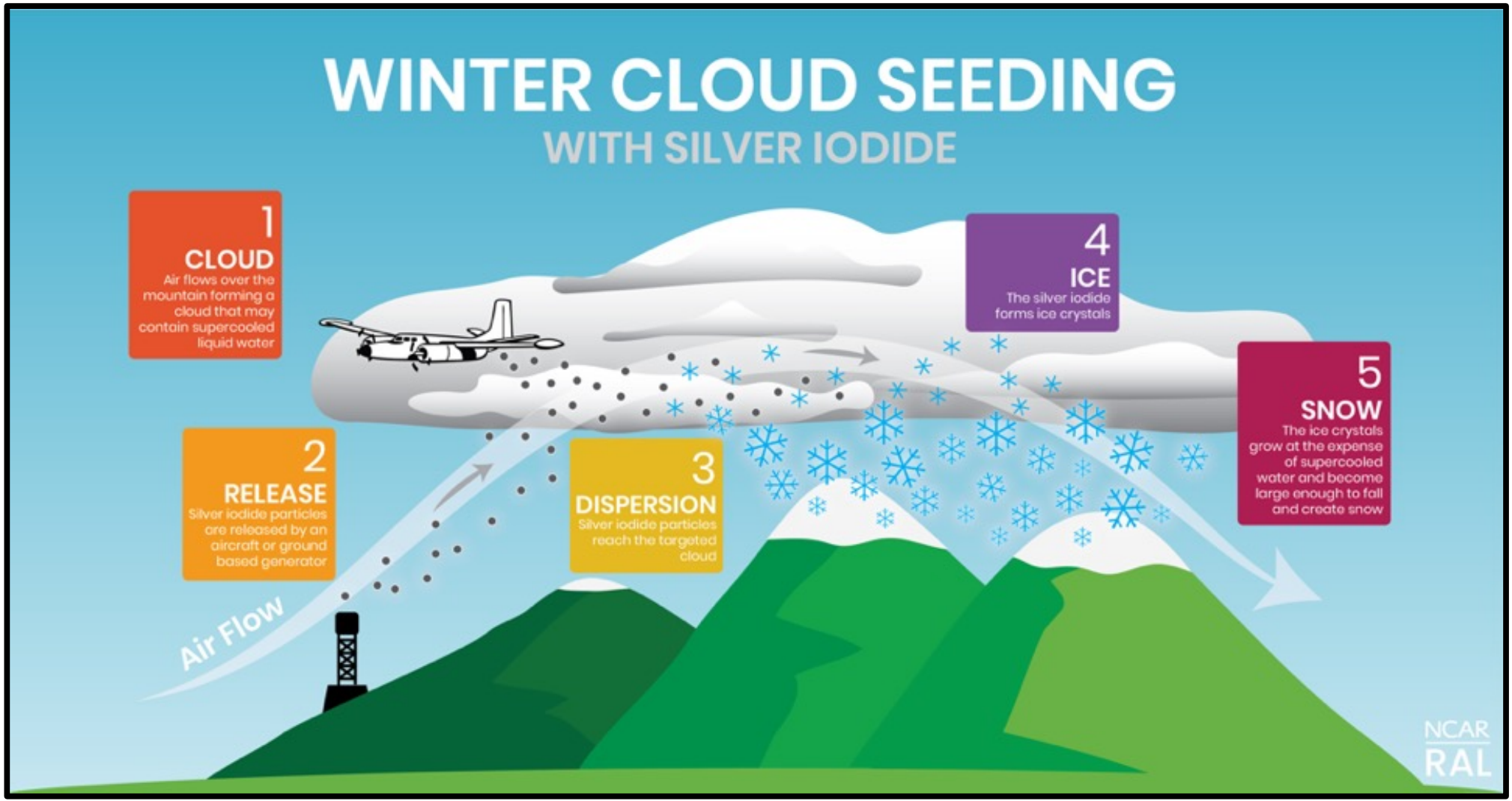
Snowfall Increase (Orographic Clouds)

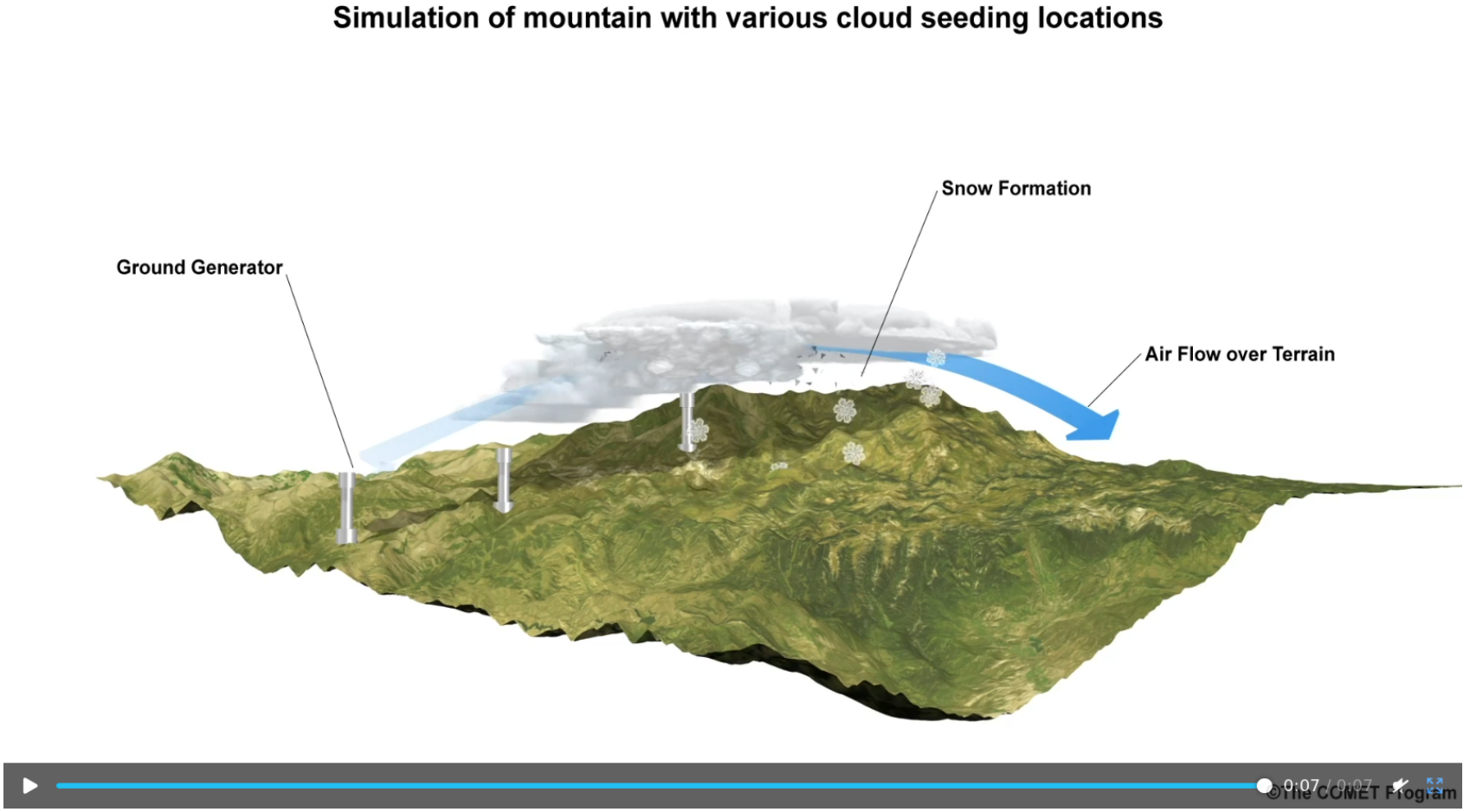


Winter Cloud Seeding with Silver Iodide



Simulation of Winter-time Cloud Seeding

http://aerosol.atmos.und.edu/AtSc252_Spring2023/Presentations/m_sim.mp4



DOW Radar Observation of Aircraft Seeding

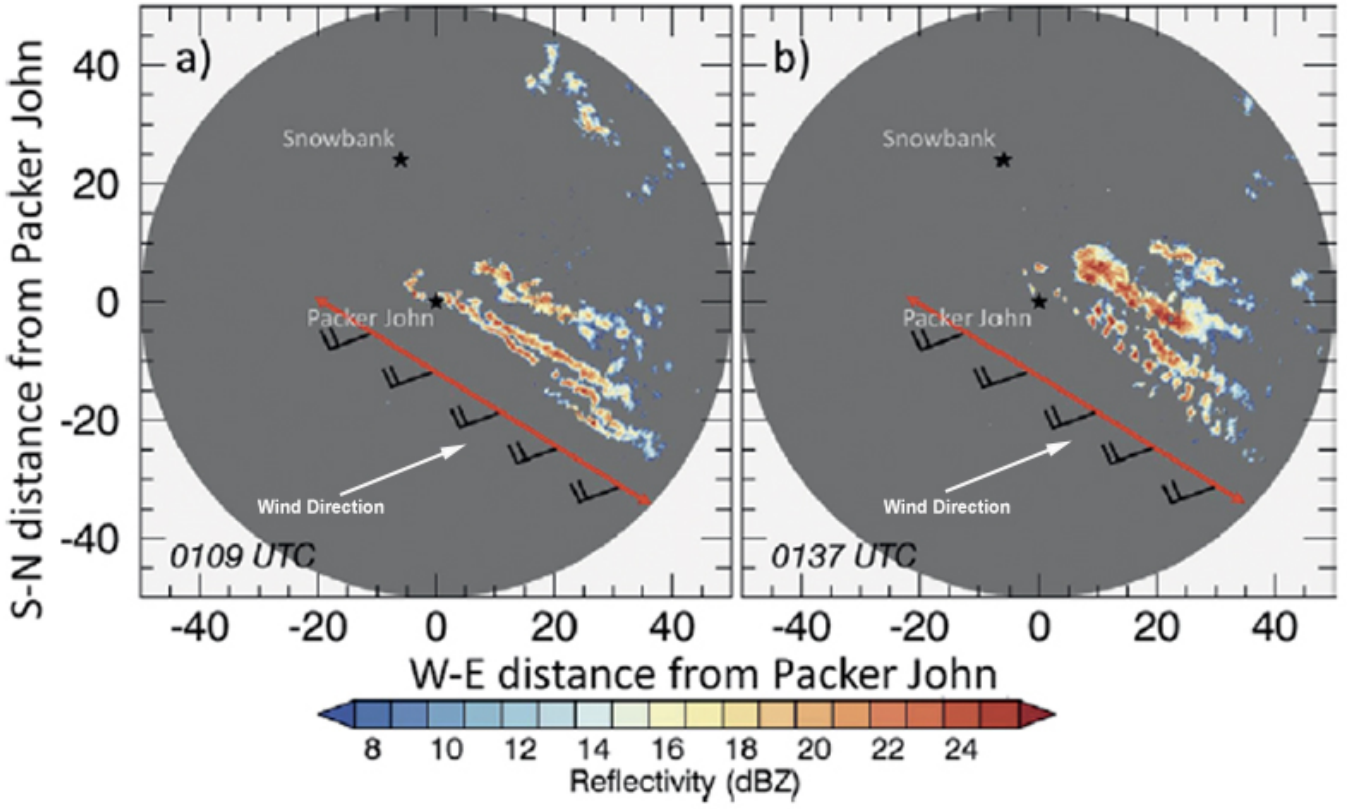
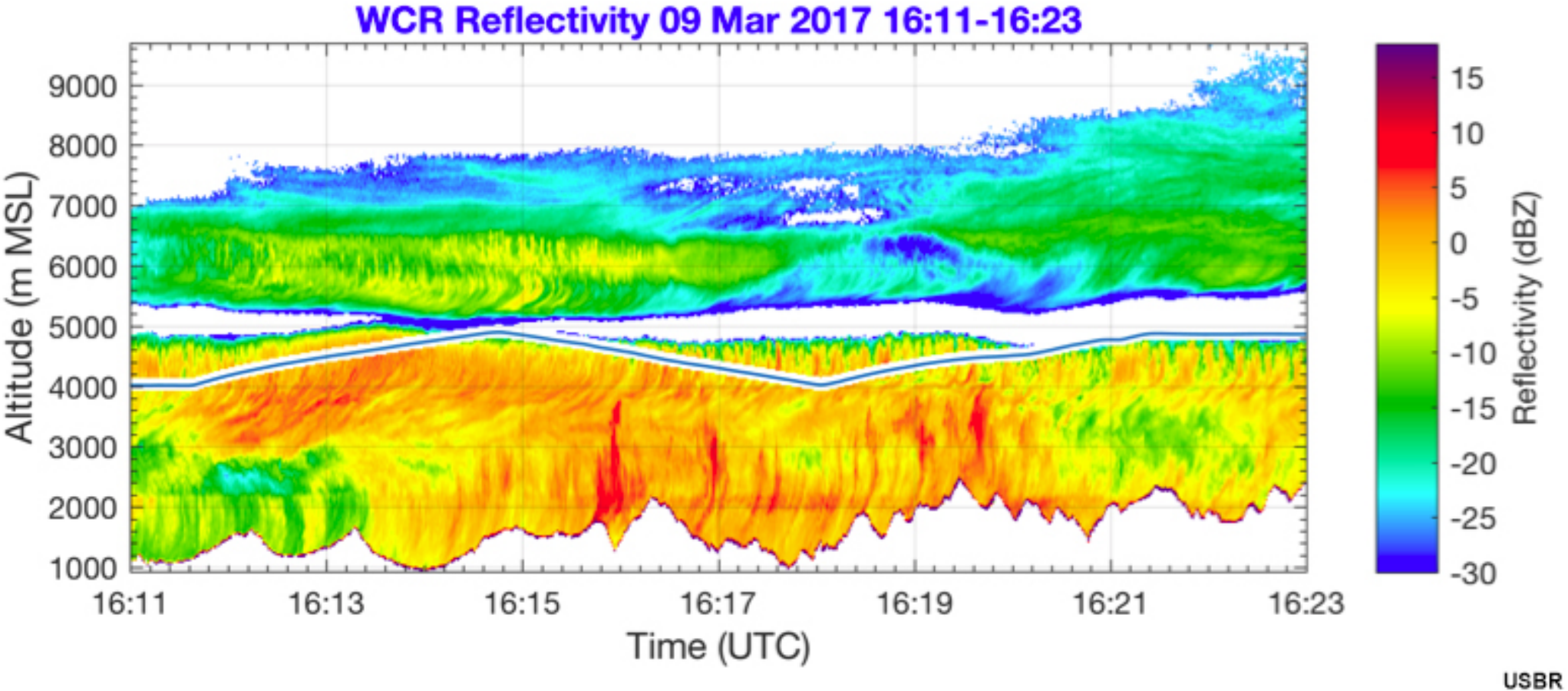


FIG. 12. PPI scans (0.99° elevation angle) at (left) 0109 and (right) 0137 UTC from the Packer John DOW radar. The red line denotes the track of the seeding aircraft. The track was repeated eight times between 0003 and 0129 UTC. The wind barbs indicate mean flight-level winds (kt; 1 kt ≈ 0.5144 m s^{-1}).

Tessendorf, et al. 2019

WCR Radar Observation of Aircraft Seeding



Wyoming Cloud Radar (WCR) Reflectivity from March 9, 2017

Snowfall Augmentation (MedEd)

- Check Out MetEd Module, How Cloud Seeding Works https://www.meted.ucar.edu/USBR/cloud_seeding/index.htm