

Supplementary file for: Bednorz E. & Wibig J. 2016. Spatial distribution and synoptic conditions of snow accumulation in the Russian Arctic. *Polar Research* 35. Correspondence: Ewa Bednorz, Department of Climatology, Institute of Physical Geography and Environmental Planning, Adam Mickiewicz University, Dzięgielowa 27, PL-61-680 Poznań, Poland. E-mail: ewabedno@amu.edu.pl

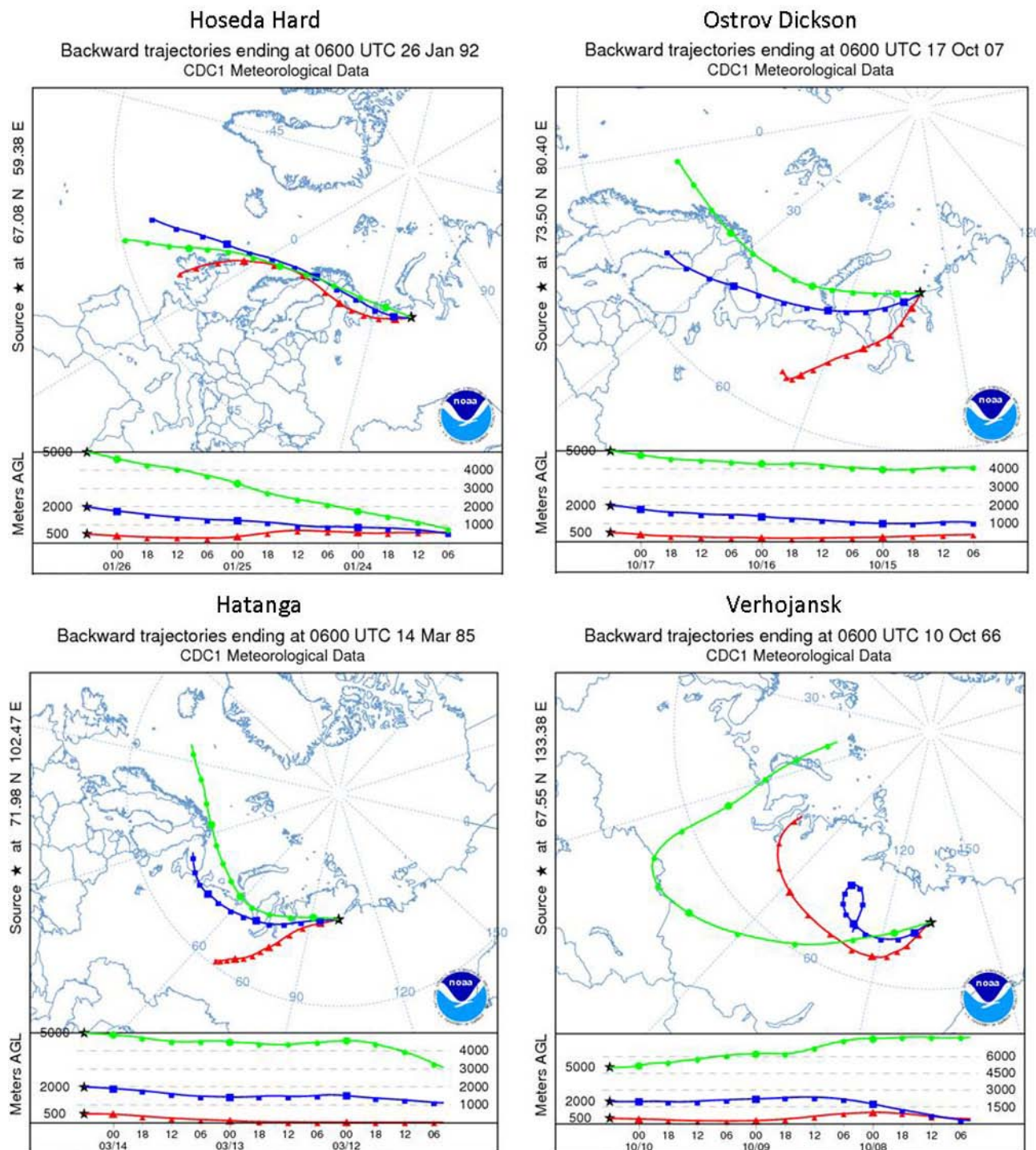
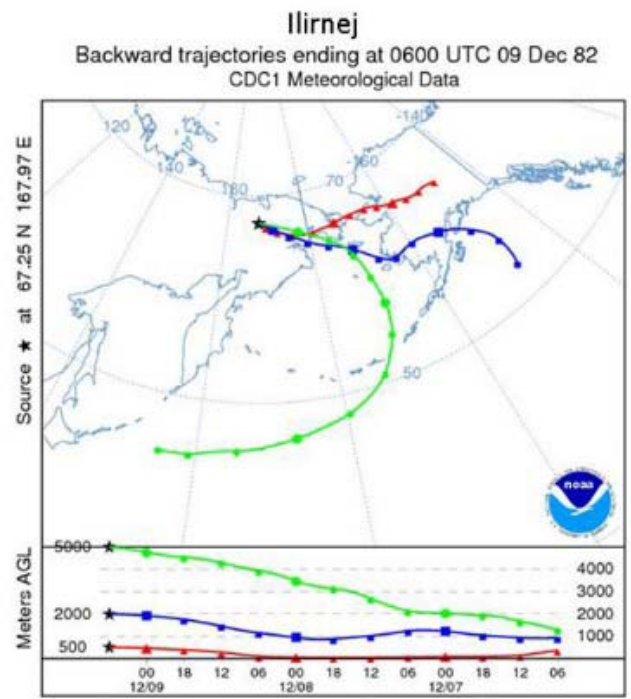
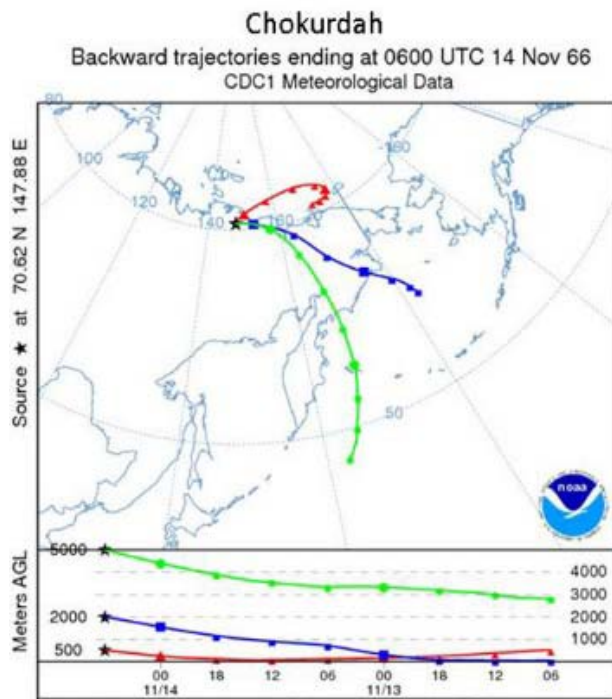


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Supplementary Fig. S1. Examples of 72-hour backward air trajectories during days with intense snowfall at selected stations, produced with the HYSPLIT model.