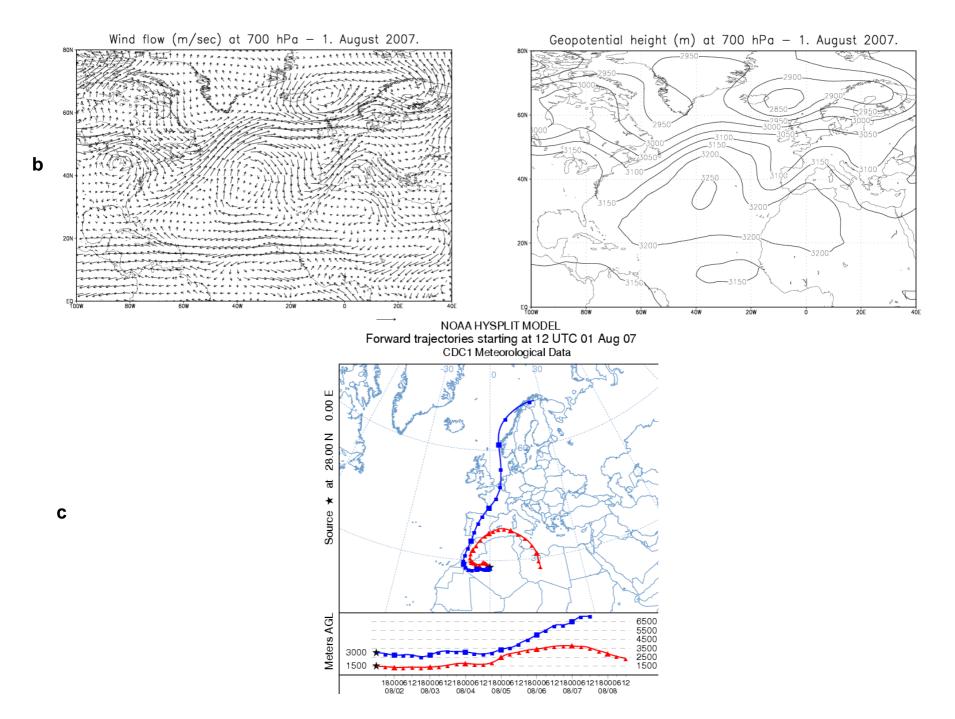
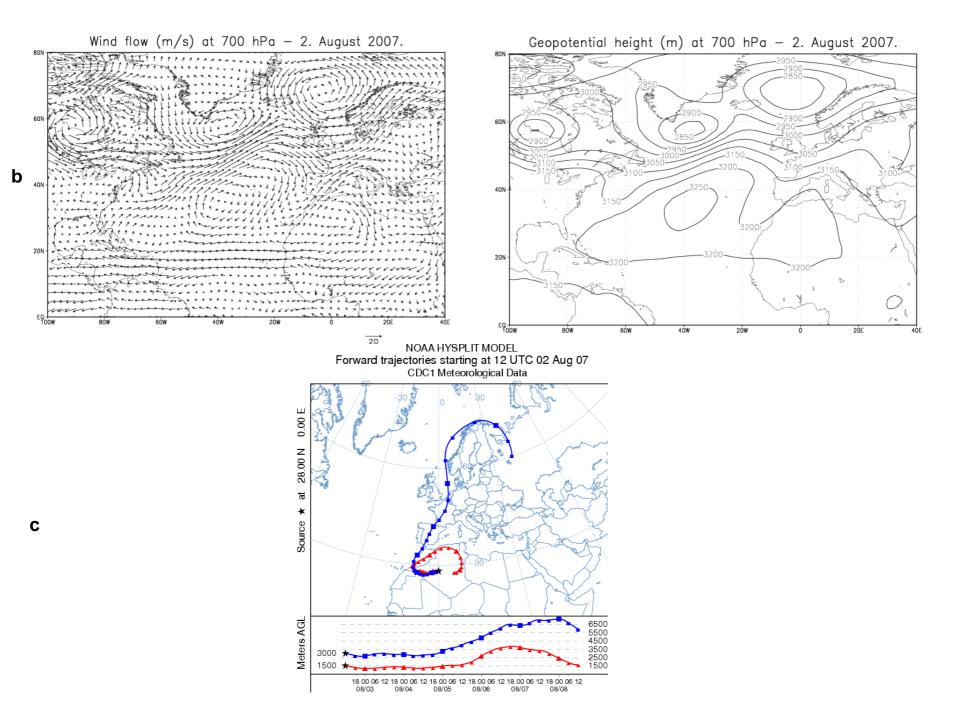
Synoptic analysis of a rare event of Saharan dust reaching the Arctic Region.

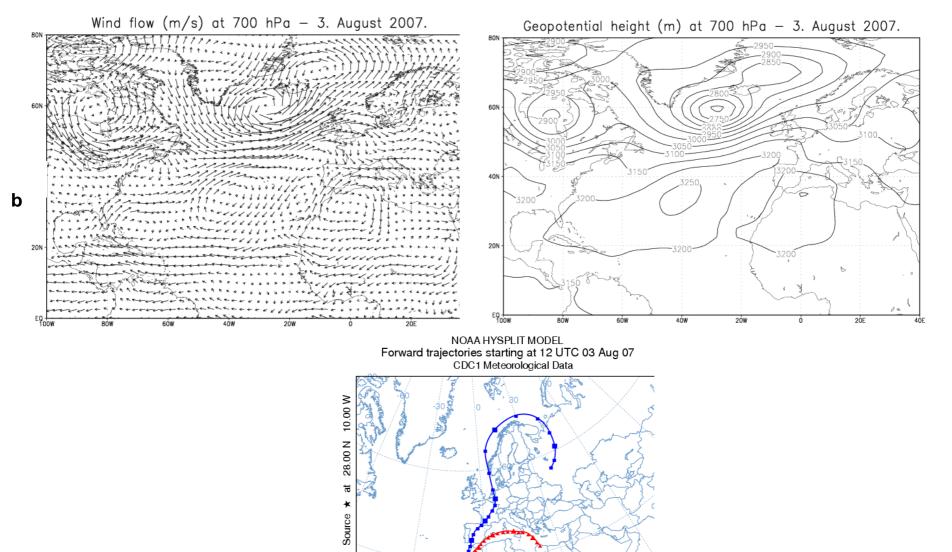
Joseph Barkan and Pinhas Alpert

Department of Geophysics and Planetary Science, Faculty of Exact Sciences, Tel-Aviv University A rare event of Saharan dust cloud in the sub arctic region north of the Scandinavian Peninsula was discovered by the LIDAR of the Arctic LIDAR Observatory (ALOMAR) on the 7th August 2007. Presumably this cloud was the remnant of a large amount of dust lifted from the Western Sahara several days previously. In this work we try to identify the synoptic

situation which caused this long range transportation.







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