



The Sørøysundet gap wind

E. M. Samuelsen (1,2) H. Ólafsson (1,3), S. Grønås (1)

(1) Bergen School of Meteorology, Geophysical Institute, University of Bergen, Norway, (2)
The Norwegian Meteorological Institute, (3) University of Iceland

During a situation of cold air outflow from N-Norway, strong winds are created in the Sørøysundet gap. These winds are explored through observations and numerical simulations and compared to existing theories of gap winds.