

Geophysical Research Abstracts,
Vol. 10, EGU2008-A-11026, 2008
SRef-ID: 1607-7962/gra/EGU2008-A-11026
EGU General Assembly 2008
© Author(s) 2008



Data trends from radiosondes launched from Sodankylä (Finland), Barrow (Alaska) and Eureka (Canada)

L. Darby

National Oceanic and Atmospheric Administration/Earth System Research Laboratory,
Boulder, Colorado, USA

Cluster analysis will be used to reveal trends in the temperature, wind, and pressure fields from radiosondes launched from Sodankylä (Finland), Barrow (Alaska) and Eureka (Canada). Analysis questions to be pursued include: Do all three stations have similar trends? What are the seasonal differences of the trends? What trends occur during the transition times of fall and spring? How does the most recent decade compare to previous decades? How might these trends impact boundary layer behavior in the Arctic?