

Geophysical Research Abstracts,
Vol. 10, EGU2008-A-05249, 2008
SRef-ID: 1607-7962/gra/EGU2008-A-05249
EGU General Assembly 2008
© Author(s) 2008



A study on the ice water path discrepancies between global climate models.

S. Eliasson, S. Buehler, M.Milz

Luleå University of Technology (s.eliasson@ltu.se)

A new study has started which largely regards the sizable discrepancies in Ice Water Path (IWP) between the different Global Climate Models (GCMs) presented in the recently released IPCC 2007 rapport. Earlier IWP averages were presented per latitude (John.V & Soden.B 2006) which revealed large differences between the GCMs. Comparing the spatial distribution of IWP of the GCMs to long data sets such as ISCCP (1983-2006) based on geostationary satellites and Patmos-X (1981-2007) based on polar satellites is a natural first step in locating which critical areas the GCMs appear to differ from one another and satellite measurements. A poster will include figures from the aforementioned comparison.