



200 years of temperature and snow in the Alpine region.

B. Chimani, R. Böhm, C. Matulla, and M. Ganekind

Central Institute for Meteorology and Geodynamics , Climate Department , Vienna, Austria (barbara.chimani@zamg.ac.at)

The datasets introduced in the presentation “Development of a longtime dataset of temperature and solid precipitation” (Submitted for Session MC3) were used to investigate the climate of the last 200 years in the alpine region. For example the Zero-degree height was calculated for the period of 1780-2008 using monthly temperature gradients which resulted from the calculation of the monthly temperature dataset. For the years 1800-2003 the development of solid precipitation, its minima and maxima and its variability will be investigated for instance. The methods used for these investigations and the results concerning different time periods, seasons and spatial areas will be presented.

As these investigations are done at the moment, more detailed information about the results is not possible at the moment but will be ready for presentation in September 2010.