

Kerschner, H. (2005): Weather-type climatology of precipitation in the Eastern Alps. 28th International Conference on Alpine Meteorology (ICAM), 23-27 May 2005, Zadar, Croatia. Croatian Meteorological Journal 40, 90-93.

Abstract

A simple weather type classification based on 500 hPa airflow and the anomaly of the 500 hPa topography is well suited to describe the spatial structure of the probability for precipitation > 1 mm in the Eastern Alps. The overall improvement over seasonal mean values is 38% in spring, 41% in summer, 50% in autumn and 47% in winter.