The significance of the official avalanche report reflected in the snow conditions in the area of the Planneralm (Styria – Austria)

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In the season 2002/2003 the idea was seized to review the official avalanche report. At this that the official avalanche report is published in the morning at 07.30 a.m. and the report was a forecast. My approach was different to the official avalanche service as I analyzed the meteorological data during the day, made snow profiles and snow cover test. Every day in the evening I arranged the local avalanche danger scale. If the local dangers scale deviated from the official avalanche report, I registered all data and described the local anomaly. The result was that the official avalanche report dissents from the local avalanche danger in 84 %. This research was a cooperation between the KF University of Graz (Institute of Geography), Avalanche Service Center Styria and the Institute for Meteorology and Geodynamics Costumer Service Styria.