

A Comparison of Climate Information as derived from Mean Specific Mass Balance and Ablation Stake Records

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Long series of mass balance measurements carried out on Hintereisferner (Ötztal Alps) and Weißbrunnferner (Ortler - Cevedale - Group) were used to extract climate information. A comparison of mean specific mass balance and ablation stake records of the last decades led to a more accurate climate signal deduced from the latter, extracted the intensity of the ongoing climate change and showed a similar behaviour of both glaciers located 40 km apart from each other.