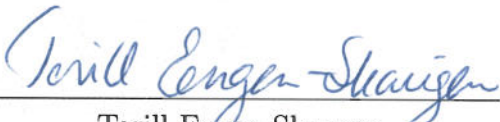





Norwegian
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report

Title Estimation of extreme precipitation in Norway and a summary of the state-of-the-art	Date April 27, 2012
Section Climate	Report no. no.08/2012
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Abstract Estimates of extreme precipitation in points and larger areas are of great importance. They are applied in the planning of infrastructure such as water dams and transportation facilities, and also in forecasting and flood frequency estimation. In this work we aim to provide a summary of existing methodology applied at met.no as well as a description of the procedure for estimating extreme precipitation in station sites and catchments in Norway. This methodology is found to be laborious, outdated, and associated with inconsistency as it introduces a number of subjective measures. International research on the area and methods applied in a number of countries are also presented, and a proposed method using a national gridded dataset is introduced.	
Keywords Extreme precipitation, areal precipitation	
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