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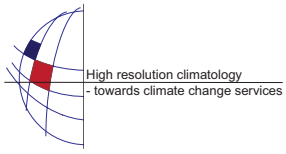


# Solar radiation at the surface around the Baltic Proper

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Radiation data recorded at 12 sites around the centre part of the Baltic Sea during 1996-2000 were drawn from the BALTEX (Baltic Sea Experiment) meteorological data archives. The average daily sums of global radiation for different months describe the annual course of solar radiation that shows remarkable spatio-tremporal differences. Annual average daily sum of global radiation varies from about 10 MJm-2 at Visby (on Gotland) and Kołobrzeg (on the coast of Poland) to less than 9 MJm-2 in Zilāni (inland Latvia), Šilutė (Lithuania) and Jokioinen (Finland). The regional average daily sum of global radiation reaches from 0.93 in December to 19.0 in June. The coefficient of variation over the whole region is the largest in December when the daily sums are small, but there are serious differences between different observation sites that can be interpreted as differences in meteorological situation, especially in cloudiness.