

## Status of the Payerne BSRN station

Département fédéral de l'intérieur DFI

Office fédéral de météorologie et de climatologie

MétéoSuisse

Laurent Vuilleumier, MeteoSwiss (laurent.vuilleumier@meteoswiss.ch)

## Summary

- The Payerne station measures the BSRN basic set of parameters since November 1992. LW and SW irradiance at 10 and 30 m a.g.l., spectral direct irradiance and UV erythemal irradiance are also measured.
- Station entirely renewed end of 2011.
- Since renewal, intensive checks of instruments measuring shortwave irradiance have been performed. The absolute cavity radiometer allows checking the stability of the sensitivity coefficients. Stability within about ±1% is observed over 4 years.





