

CLIPER Forecasts as a Reference for Visibility Forecasts Evaluation

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The zero level of skill is usually assigned to random, climatological or persistence forecasts. Because the visibility has strong diurnal variation neither of these forecasts seems appropriate as the reference forecast. Linear combination of CLImatology and PERsistence seems more adequate. The CLIPER forecasts are based on detailed climatology of visibility (in accordance with recommendation of WMO and ICAO) and autocorrelation coefficient, only. In our case we used the so called tetrahoric correlation coefficient to produce some examples of CLIPER forecasts for airports Zagreb-Pleso and London-Heathrow.