

## Categorisation of Drought Indices Used in Agricultural Meteorology

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The research and the operative work use many type of indices in everyday meteorological practice. The goal of present summary is to group the indices used for identification of drought phenomenon in the agricultural meteorology practice. Besides summarising the indices the different drought definitions are evaluated. Drought indices seem to be the simplest tools in drought analysis. The more or less well known and popular indices have been collected and compared not only with the well known simple but more complicated water balance and so called 'recursive' indices beside few ones use remotely sensed data, mainly satellite born information. The indices are classified into five groups, namely 'precipitation', 'water balance', 'soil moisture', 'recursive' and 'remote sensing' indices. For every group typical expressions are given and analysed for their performance and comparability. Taking into consideration that the drought is a compound concept few drought definitions are examined together with the drought indices. As any classification the presented categories have got their limitation but the hope is that as wide review is given as it is possible using mainly meteorological data and information.