

Basque meteorology monthly meteorological bulletins

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In this work we present the monthly meteorological bulletins of the Basque Meteorology Agency (EUSKALMET). This bulletin includes a monthly meteorological summary for Basque Country Area, including some statistical data, graphs and maps for relevant variables, and descriptive test of meteorological situation, including monthly summary and a description for some relevant severe weather cases. An intensive use of Basque Country Automatic Weather Station (AWS) mesonet data is made in its elaboration.

The Basque Meteorology Agency has among theirs functions to serve different requests that often include some type of statistical data, the elaboration of monthly bulletins and the meteorological annual bulletin, published by the Direction of Meteorology and Climatology - Department of Transports and Civil Works – Basque Government.

For the monthly meteorological summary elaboration, use of data coming from the ten-minutes AWS network available in our territory is made. In this context, ten-minutes data are used for daily and monthly data statistics. Information is presented, for an easy interpretation, using different tabular format and graphics focused on air temperature and precipitation. The monitoring of this last meteorological element is completed with maps of monthly actual precipitation and its anomalies, expressed as the departure from normal precipitation and percent of normal precipitation.