

Clima Craft Report for 23rd Feb - Freiburg

Weather at a Glance

At a cool 5.0°C , the air whispers of change, brisk and refreshing. It hints at the need for a warm layer, inviting a sense of calm and a breath of fresh air. This gentle reminder of the season's shift encourages one to savor the crispness that envelops the surroundings. Above, the skies of Freiburg don a cloak of moderate rain, setting the stage for the day's mood. A wind, carrying whispers at 6.8 kph from the SW, shapes the air's embrace. The atmosphere, pressing down with a pressure of 1001.0 mb, remains unseen but deeply felt, a silent guardian of the day. Humidity at 93

This graph offers a detailed overview of the temperature and precipitation in Freiburg, providing a clear visualization of the climate trends. By comparing the temperature (in degrees Celsius) and precipitation levels, the graph enables an intuitive understanding of the weather patterns, highlighting seasonal changes and potential anomalies.

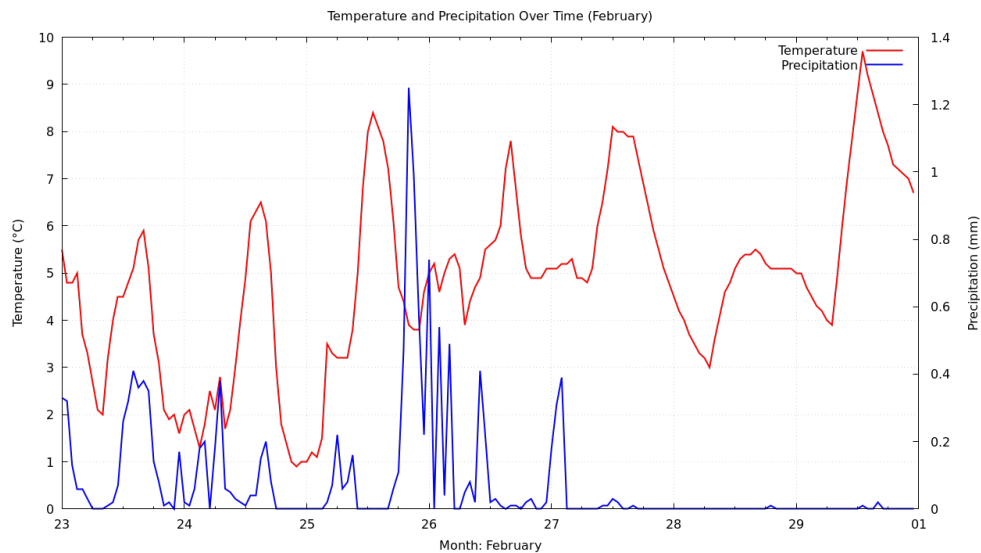


Figure 1: Temperature and Precipitation Overview in Freiburg

The following graph delves into the dynamics of wind speed, gust strength, and direction over the specified months at Freiburg. With wind speed measured in kilometers per hour, gust strength similarly quantified,

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and wind direction indicated in degrees, the visual representation employs distinct colors and line styles for clarity: blue signifies wind speed, green for gusts, and red indicates wind direction. This graph not only visualizes the data on a day-to-day basis but also emphasizes the variability and trends within the observed period, enriching our understanding of local wind patterns.

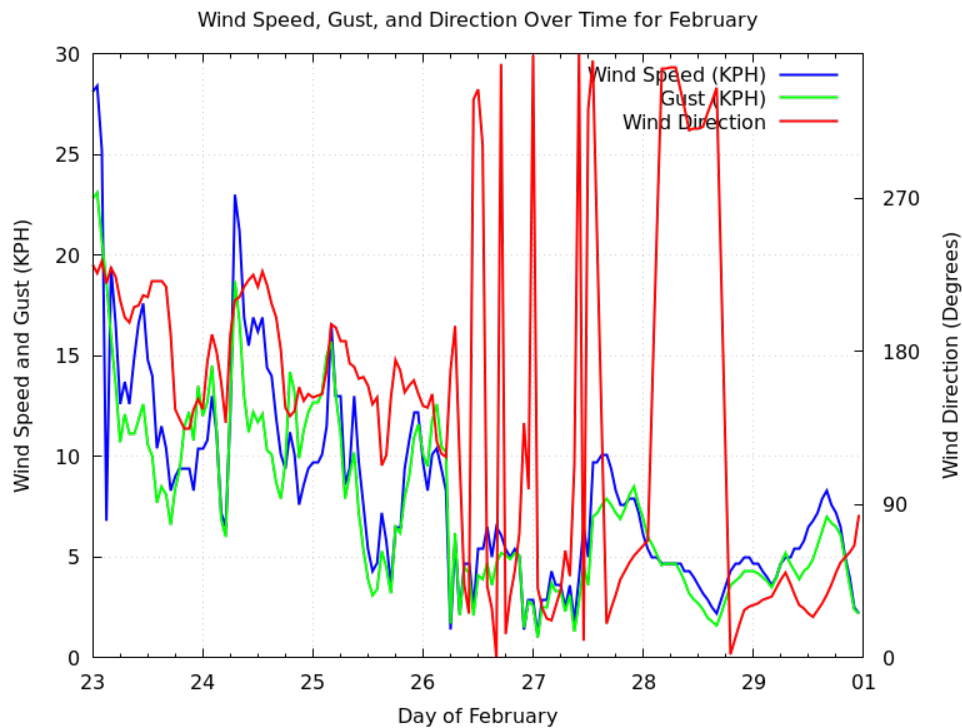


Figure 2: Detailed Wind Speed, Gust, and Direction Variations over Time in Freiburg

Figure 3 presents a compelling comparison between actual and predicted weather metrics at Freiburg, including temperature, wind speed, atmospheric pressure, humidity, and visibility. Observed conditions—temperature at 5.0°C, wind speed at 6.8 kph, wind direction as 'SW', pressure at 1001.0 mb, humidity at 93%, cloud coverage at 100%, feels like temperature at 0.8°C, and visibility at 10.0 km—are meticulously juxtaposed against their predicted counterparts. This analysis not only underscores the accuracy of weather forecasts but also reflects the intricate weather phenomena characterizing Freiburg.

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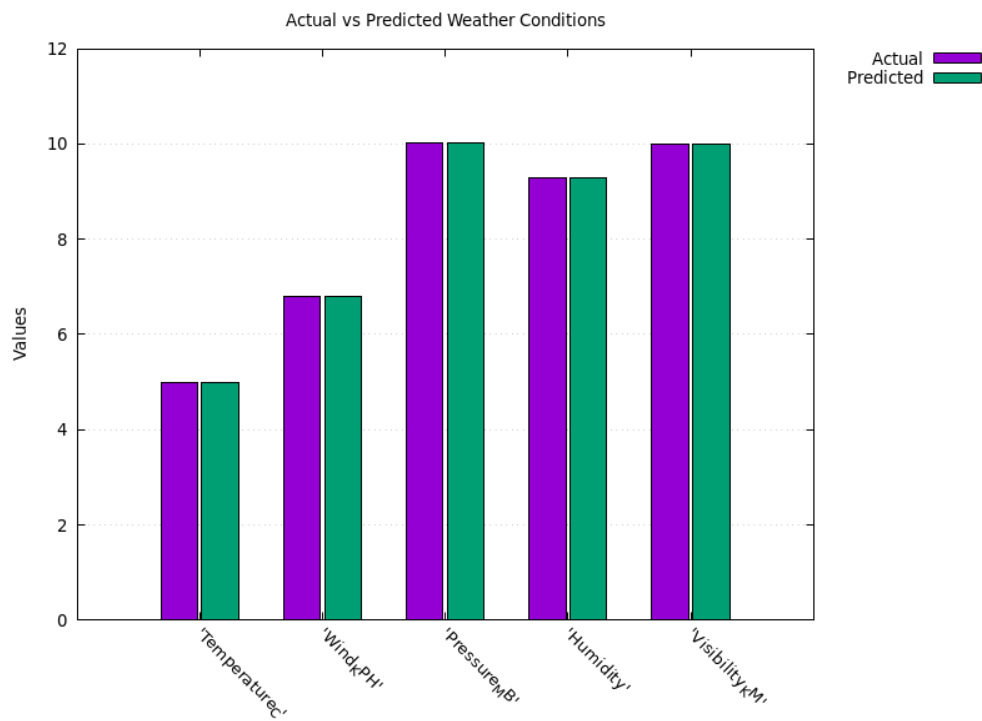


Figure 3: Actual vs. Predicted Weather Conditions Analysis in Freiburg, highlighting temperature, wind speed, pressure, humidity and visibility.