

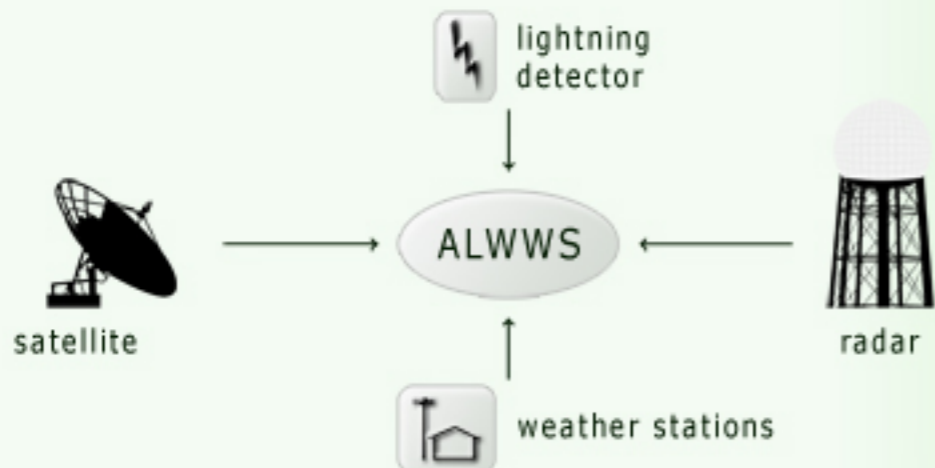
Automatic local Weather warning system (ALWWS)

Weather warning system

The weather warning system of www.unwetter.de offers an automatic controlling of the weather elements for the next three to four hours.

A new developed algorithm uses information from radar, satellite, lightning detector and weather stations to proof potential weather hazards.

Additionally computer model data like the global forecast system of the american weather service can be integrated.



The forecast system is able to work around the world. It is a self learning system which recognizes dangerous weather situations.

Screenshots

A first customer who used this system was the website www.siebengebirge.de which offers information about the natural preserve Siebengebirge near Bonn.

The user of the site www.siebengebirge.de is warned not to go into the forest when the wind speed exceeds a limit or a thunderstorm can occur.



home page

warning hint box (in this case: no warning)

actual data box (temperature, wind direction, wind speed)



nowcasting page (for the next two hours)

warning hint box (in this case: wind speed & thunderstorm warning)

nowcasting data boxes

(time in 15 minute steps, weather condition - symbol, weather condition - text, statement on required clothes (rainwear necessary or not), temperature)

Weather parameters

The following weather parameter warnings are automatically produced:



wind speed



freezing
drizzle/rain



snow



fog



heavy rain



lightning

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