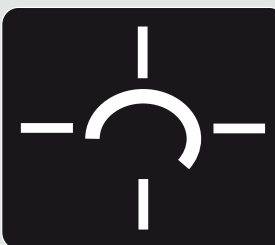


THE

PERSONAL

METEO CENTER





Meteotime – the Personal Meteo Center

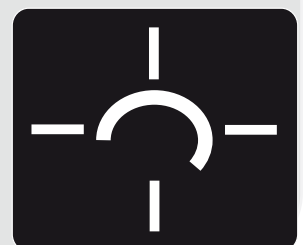
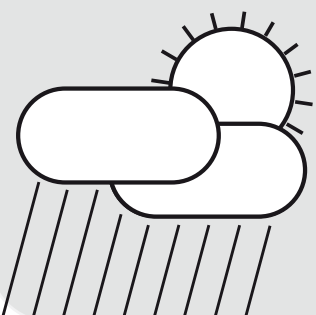
Throughout history, the weather has always been one of the major interests of humanity. With the invention of the barometer in the 17th century, it became possible to base a forecast on physical measurements. Such a barometric pressure observation allows a forecast for the coming 24-48 hours. However, the reliability is limited.

Today, in the 21st century, the available technology goes far beyond a simple barometer. A whole network of meteorological information, satellite images and computer based weather models provide a forecasting of a very high standard. New technologies and developments will continue to make forecasts better and better.

The weather stations available for personal use are fine instruments measuring the air temperature and humidity in and around your home. They also record the barometric pressure and its trend from which an algorithm calculates a weather forecast displayed in 4-5 icons and, same as 300 years ago, with a time horizon of 24 hours, a reliability up to 70% and in an area of about 30km around your home. Added features like rain- and wind-gauges make the current observation more complete, but do not add anything to the quality of the forecasting.

The Personal Meteo Center is the solution for a complete weather forecast on your desk for almost the whole of Europe, available 24 hours, 365 days a year, without any subscription fee for the user! A forecast, which is transmitted by radio signal from Switzerland and Germany and it is updated daily. It is always state of the art, using the best and newest forecasting technologies! For more details, please check the feature list.

Meteotime – a step into the future of the communication of weather forecasts



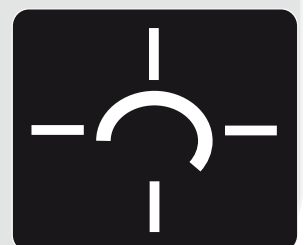
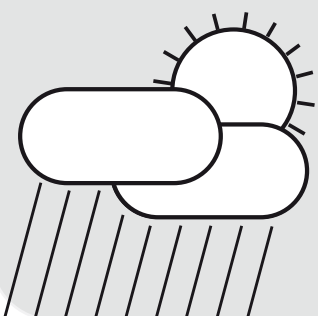
Features

1) Full Data Regions provided by METEOTIME

- 60 meteorological areas with up to 4 day forecasts covering the following countries: Full coverage of Germany, Switzerland, Liechtenstein, Austria, France, Monaco, Benelux, Denmark. Partially covered are Sweden, Norway, Italy (incl. Vatican and San Marino, except Sicily, England, Slovenia and Czech Rep.
- Forecasts: 8 (4 days, day and night each day)
- Number of weather icons: 15
- Temperature forecasts (day and night for 3 days, plus day temperature for day 4). Range: -21°C .. +40°C
- Max wind speed (8 Steps, based on Beaufort 0...>=10) and 8 wind directions plus "changing" units
- Risk of precipitations in % (8 Steps: 0...15...30...45...60...75...90...100%)
- Special alpine weather conditions (Föhn, Biese, Mistral, Scirocco, Tramontana, plus 2 spare)
- Information about critical weather conditions (10 situations). Some are split to morning, afternoon and evening)
- Ready for short term input for critical conditions
- Forecast for Day 1-3 transmitted twice a day, day 4 once
- Radio controlled clock. Reception from HBG (Switzerland) and DCF (Germany)
- Sunrise and Sunset for 60 cities in Europe

2) Extra Regions provided by METEOTIME

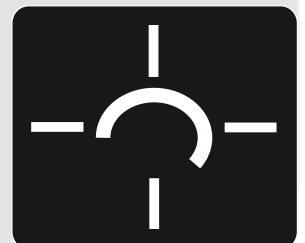
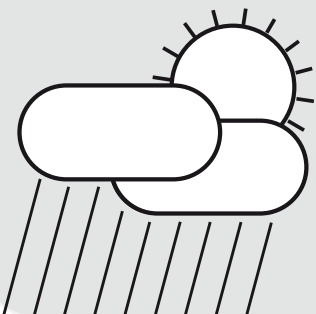
- Areas with 2 day forecasts: Sicily / Corsica , Andorra, Spain, Portugal, Ireland, Scotland, North Sweden, Croatia, Bosnia-Herzegovina, Norway, 2 alpine regions in Switzerland, Poland, Hungary
- Forecasts: 4 (2 days, day and night each day)
- Number of weather icons: 15
- Temperature forecasts (day temperature for day 1 and 2). Range: -21°C .. +40°C
- Radio controlled clock. Reception from HBG (Switzerland) and DCF (Germany)
- Sunrise and Sunset for 30 cities in Europe



Feature List METEOTIME

Regions covered by METEOTIME

	Complete forecasts for 4 days	Forecasts and temp. For 2 days
	"Full Data"	"Extra regions"
Forecasted regions	60	
		30
Andorra		1
Austria	6	
Belgium	2	
Croatia		2
Czechia	2	
Denmark	3	
England/Wales	3	
France	15	1
Germany	18	
Hungary		1
Iceland		1
Ireland		2
Italy	6	5
Liechtenstein	1	
Luxemburg	1	
Monaco	1	
Netherlands	2	
Northern Ireland		1
Norway	1	2
Poland	1	3
Portugal		1
San Marino	1	
Scotland		1
Serbia	1	
Slovakia	1	
Slovenia	1	
Spain		7
Sweden	5	3
Switzerland	9	2
Vatican	1	



ISOPROGNOS-Regionen



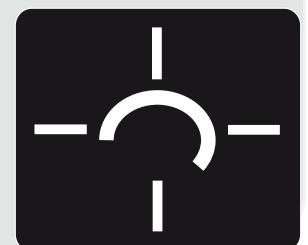
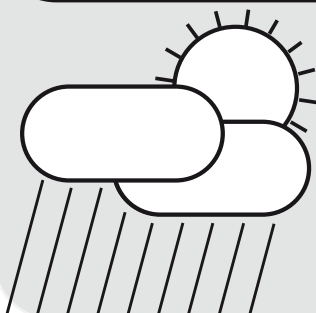
Feature List METEOTIME
Meteo Informations provided by METEOTIME

Transmission Signals	HBG (Switzerland), DCF (Germany)
Meteo Data Coded	Yes
Time Information free to use	Yes
Meteoinfos produced by	Meteotest, Bern/Switzerland

Type of information	Full Data (1, 2 or 4 days)	Limited data (2 days)
Weatherforecast Symbols Day	15	15
Weatherforecast Symbols Night	15	15
Temperature Forecast Day	yes	yes
Temperature Forecast Night	yes (3 days only)	no
Temperature Range	≤21°, -21...+40°, ≥ 40°C	≤21°, -21...+40°, ≥ 40°C
Temperture Unit	°C (optional °F)	°C (optional °F)
Winddirection	yes	no
Number of indicated directions	9 conditions	-
Conditions	N, NE, E, SE, S, SW,W,NW, changing	-
Local winds	yes	no
Type of Local winds	Föhn, Bise, Mistral, Scirocco, Tramontana	-
Windspeed	yes	-
Windspeed resolution	8 steps	-
Steps	0, 0-2, 3-4, 5-6, 7, 8, 9, ≥10	-
Unit	Beaufort (others optional)	-
Critical weatherconditions	yes	no
Type of critial conditions	see sep. List	-
Precipitations probability	yes	no
Resolution	8 steps (0, 15, 30, 45, 60, 75, 90, 100)	-
Unit	%	-

Information provided to licensee

- Sunset/Sunrise for 90 cities in Europe
- Altitude profile for all cities in the covered regions with more than 50,000 inhabitants. Other special places of interest on request
- Design guidelines for an optimal signal reception

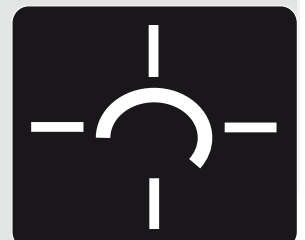
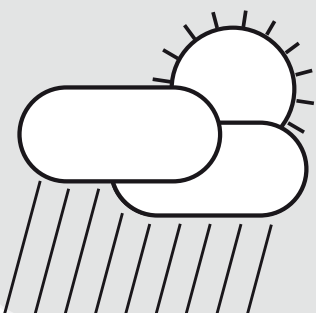


kritische Wetter Situationen










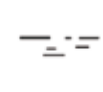

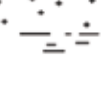




German	French	Italian	English	Spanish
Verstärkungen				
STARKES GEWITTER	ORAGE VIOLENT	TEMPORALE FORTE	HEAVY THUNDERSTORM	TORMENTA FUERTE
STARKE SCHNEEFÄLLE	FORTE CHUTE NEIGE	TEMPESTA DI NEVE	HEAVY SNOWFALL	NEVADA FUERTE
STARKER REGEN	FORTE PLUIE	PIOGGIA FORTE	HEAVY RAIN	LLUVIA FUERTE
Tag	jour	giorno	day	día
Nacht	nuit	notte	night	noche
Einzelmeldungen				
STARKE BÖEN	RAFALES VIOLENTES	RAFFICHE FORTE	STRONG GUST	RACHAS FUERTES
STURM	TEMPETE	TEMPESTA	STORM	TEMPORAL
Tag	jour	giorno	day	día
Nacht	nuit	notte	night	noche
EISREGEN	PLUIE VERGLACANTE	PIOGGIA GELIDA	FREEZING RAIN	LLUVIA CONGELANTE
Vormittag	matin	matina	a.m.	mañana
Nachmittag	a.midi	pomerig.	p.m.	tarde
Nacht	nuit	notte	night	noche
FEINSTAUB	POUSSIÈRE RESPIRABLE	POLVERE RESPIRABILE	RESPIRABLE DUST	POLVO FINA RESPIRABLE
OZON	OZONE	OZONO	OZONE	OZONO
STRAHLUNG	IRRADIATION	IRRADIAZIONE	IRRADIATION	IRRADIACION
HAGEL	GRELE	GRANDINE	HAIL	GRANIZO















Regionale Wetterlagen

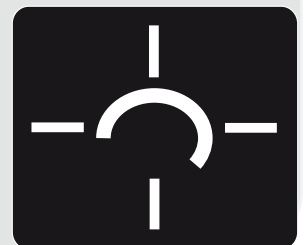
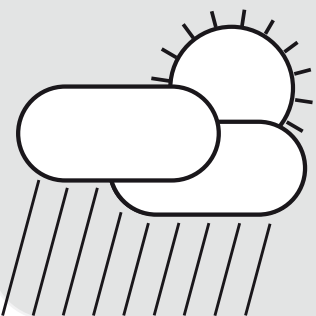
German	French	Italian	English	Spanish
FOHN	FOEHN	FOEHN	FOEHN	FOEHN
BISE	BISE	BISE	BISE	BISE
MISTRAL	MISTRAL	MISTRAL	MISTRAL	MISTRAL
SCIROCCO	SCIROCCO	SCIROCCO	SCIROCCO	SCIROCCO
TRAMONTAGNE	TRAMONTAGNE	TRAMONTANA	TRAMONTAGNE	TRAMONTANA



Wetterdarstellungen

	Tag / Day	Nacht / Night	Gruppe / Group
sonnig sunny			Sonnig - trocken sunny - dry
leicht bewölkt slightly cloudy			Sonnig - trocken sunny - dry
vorwiegend bewölkt mainly cloudy			Sonnig - trocken sunny - dry
bedeckt clouds			bewölkt covered
Hochnebel high altitude fog			bewölkt covered
Nebel foggy			bewölkt covered
Regenschauer rain shower			Regen wet
leichter Regen slightly rainy			Regen wet

	Tag / Day	Nacht / Night	Gruppe / Group
starker Regen heavy rain			Regen
Fronten- gewitter thunder storm			Gewitter thunder storm
Wärme- gewitter scattered thunder storms			Gewitter thunder storm
Schneeregen- schauer snow/rain shower			Schnee snow
Schnee- schauer snow shower			Schnee snow
Schneeregen mix of snow and rain			Schnee snow
Schneefall snow			Schnee snow



Licences

The licence to use the weather information is ruled by the Meteotime Licence Contract.
The licences to be paid are split into 3 steps

1- Basic Licence

The Basic Licence gives the client access to the Meteotime Information network and the right purchase a Decoding IC (DIC). This includes support and guidance in the technical design of a LW receiving hand and desktop device as well as support in the use and application of the available data.

2- Licence by unit to be built

In the making of a product, 3 levels of a licence by piece, which includes the supply of an IC which is decoding the weather information sent out by the LW signals HBG and DCF,

a- Entry: All infos provided by "Full Data Concept" for day 1 ("Today")

b- Extended: All infos "Full Data Concept" for day 1 and 2 ("Today" and „Tomorrow“)


c- Premium: All infos "Full Data Concept" for 4 days ("Today" plus next 3 days) and "Extra Regions" for 2 days ("Today" and „Tomorrow“)

3- Technical release

Any design has to be checked and approved by Meteotime before its release for production. By doing this, the client is allowed to use the Meteotime Logo as a quality brand and call its device a: „Personal Meteo Center with Meteotime“

For more infos contact:

Meteo Time GmbH
CH-3073 Guemligen / Bern
SWITZERLAND
Tel: +41 31 950 20 56
Fax: +41 31 951 71 80
email: info@meteotime.ch
website: www.meteotime.com

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