



MelanchthonStadt Bretten



# Climate change knows no borders

Conference of the twin towns  
in Bretten 03.09.2022

BRETTEN

# General information

- Over 30.000 inhabitants
- Half-timbered buildings around the market square
- Birthplace of Philipp Melanchthon
- Small town pearl in the Heart of Kraichgau
- Peter-und-Paul festival and several markets
- Climbing Park, Zoo, Spa World, cinema, theatre, museum, public library

# Market Square, Market Fountain and Melanchthonhaus



# Peter-and-Paul



Bretten\_Peter-und-Paul-Fest\_ ©Rebel für Stadt Bretten



# Characteristic for the region

- Bretten is located in the idyllic hilly country-side
- 28% forest area mainly mixed forests
- 55% agricultural land with fertile loess soil
- Hollow paths, field hedges, meadow orchards
- Saalbach
- farming, fruit growing, apples, strawberries, cereals and vegetables



# animals

- In the forest deer, wild boars, foxes
- Hares, birds of prey such as busard, Milan
- Rare kingfisher and owl
- In some areas wolves and wildcats

And of course the Brettener Hundle

# The town's landmark

“Brettener Hundle“



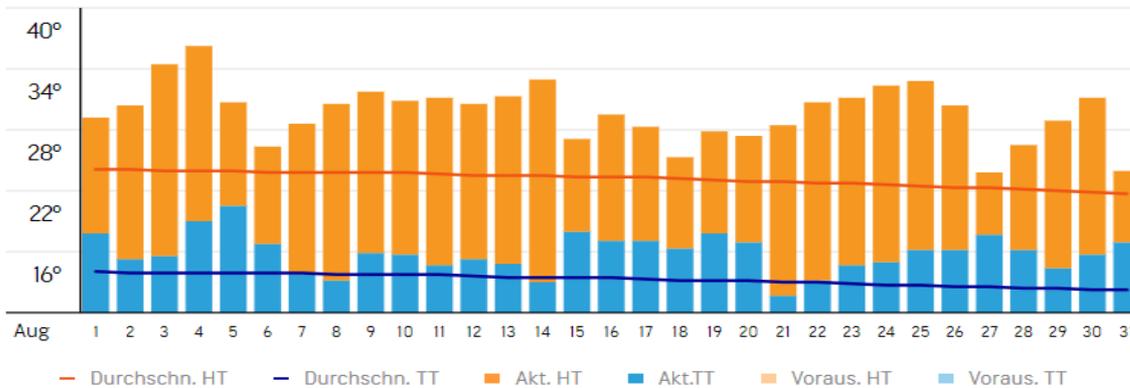
# Climate in Bretten

Temperature (°C)



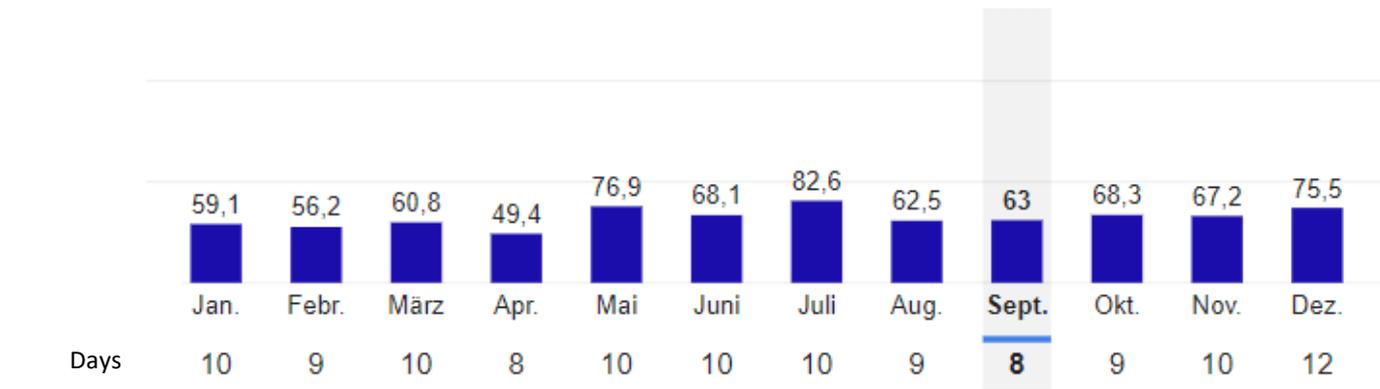
Temperature curve August 2022

°C

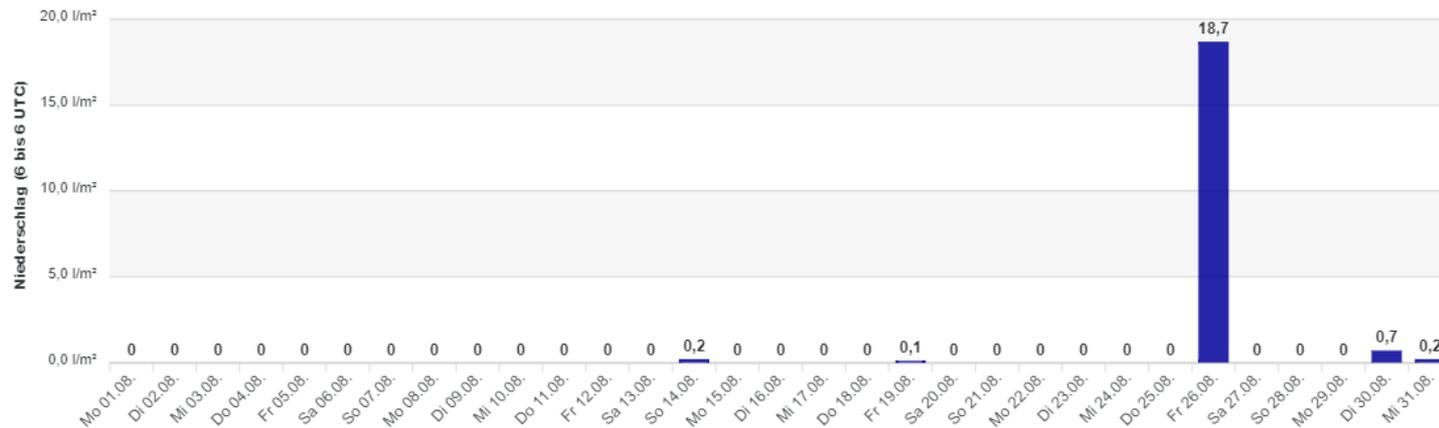


# Climate in Bretten

## Rain (Millimeter)



## Precipitation Bretten (01.08.2022 bis 31.08.2022)



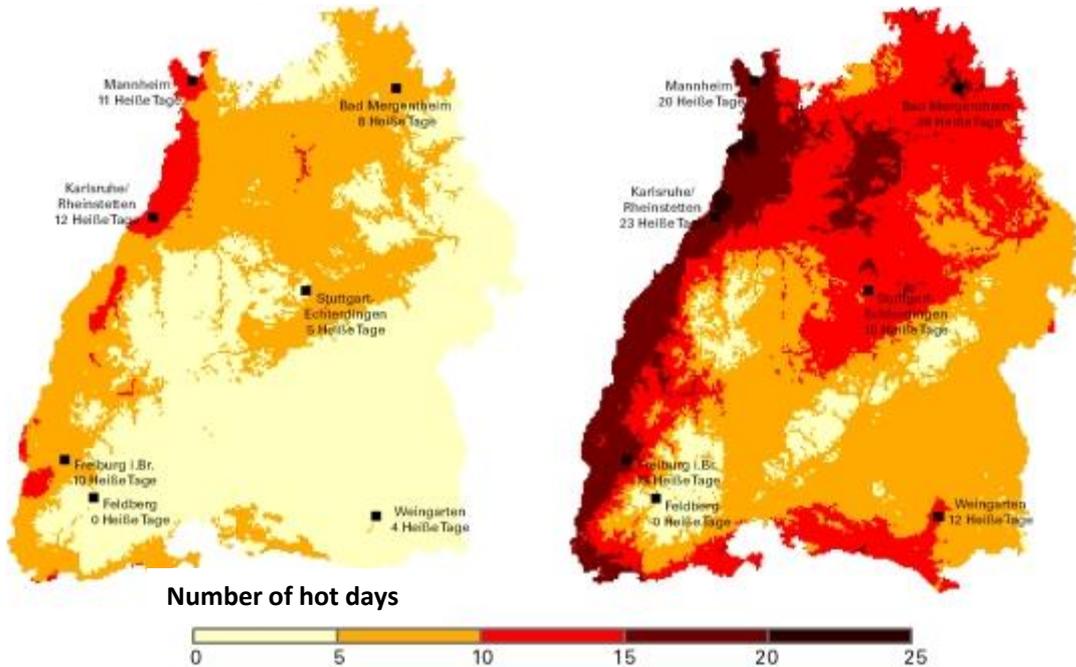
(c) Wetterkontor, Datenquelle: DWD

# Climate Change in Germany

## Baden-Württemberg

Number of hot days in the period 1961 - 1990

Number of hot days in the period 1990 - 2019



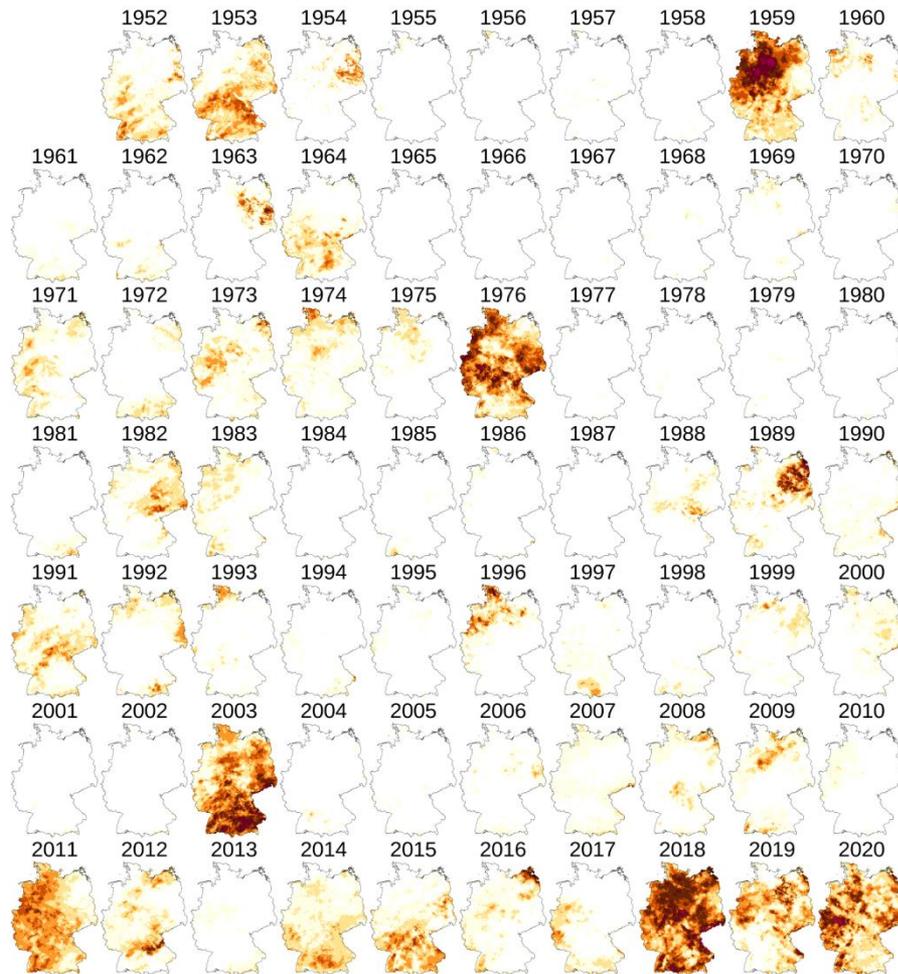
Hot days are days with a maximum temperature above 30°C.

Over the past 30 years, the mean number of hot days has approximately doubled in all regions.

Veränderung der Anzahl Heißer Tage  
Vergleich der Zeiträume 1961-1990 und 1990-2019  
(berechnet nach DWD-Daten)  
Grundlage: DWD, LUBW

LUBW

# Climate Change in Germany



Picture:  
Drought intensity from 1952  
until 2020.

# Climate Change in Germany

The development of heavy precipitation in Germany



Picture: Ahrthal (Germany) 2021

Increase in heavy rainfall events by approx. 10% to 50%. (DWD)

# Climate Change in Germany

## Other climatic effects

- Changes in the distribution ranges of plants and animals
- in Germany the seasons shift
- Climate change also threatens biodiversity
- Agriculture and Forestry suffer from climate change
- Forest fire risk increases
- Sea level rise on German coasts

# Climate protection of the city Bretten

- Superior Goal: Climate neutrality by 2035
  - the energy plan should serve as a strategic instrument for achieving Bretten's climate protection goals
- Climate Strategy: (Extract)
  - commit to set an example for the public sector in climate protection
  - climate-neutral administration
  - participate in the European Energy Award  
(Quality management system and certification procedure for municipal energy efficiency and climate protection)
  - municipal thermal planning
  - Traffic concept
  - Photovoltaic analysis
  - close cooperation with the environment and energy agency
  - Carsharing Bretten
  - “Klimalotsen”