

UMWELT UND INFORMATIONSTECHNOLOGIE ZENTRUM

ENHYDRIS

WRITTEN IN PYTHON AND DJANGO



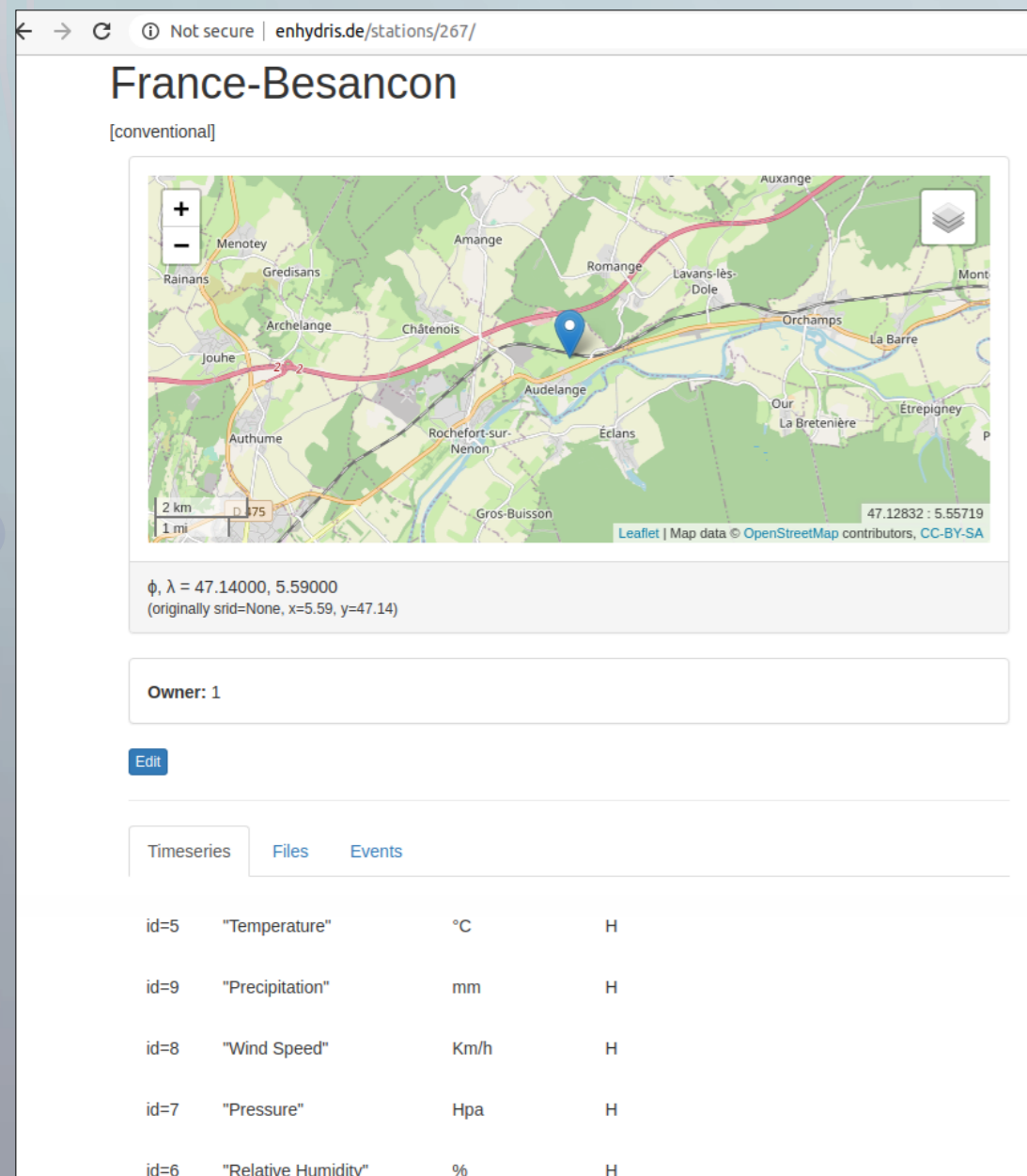
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Enhydris for Hydrometeorological Data visualization in a WebGIS server.



The screenshot shows a web browser window with the URL `enhydris.de/stations/267/`. The page title is "France-Besancon" and it is labeled as "[conventional]". A map of the region is displayed, with a blue location pin. Below the map, the coordinates are given as $\phi, \lambda = 47.14000, 5.59000$ (originally srid=None, x=5.59, y=47.14). The owner is listed as "1". There is an "Edit" button. Below the map, there are tabs for "Timeseries", "Files", and "Events". The "Timeseries" tab is active, showing a table of data:

id	Parameter	Unit	Frequency
id=5	"Temperature"	°C	H
id=9	"Precipitation"	mm	H
id=8	"Wind Speed"	Km/h	H
id=7	"Pressure"	Hpa	H
id=6	"Relative Humidity"	%	H

Installation and configuration of Enhydris.

1. Install the Prerequisites

- Python with setup tools and pip.
- Database supported by GeoDjango.
- GDAL.
- PIL or Pillow.

2. Install Enhydris WebGIS server.

3. Enhydris publicly accessible.

4. Enhydris information management.