



RÉPUBLIQUE  
FRANÇAISE

*Liberté  
Égalité  
Fraternité*



Geoscience for a sustainable Earth

**brgm**

# MétéEAU Nappes

User guide for the cartographic and graphic application portal

BRGM, March 2023



<https://www.brgm.fr/en/website/meteeau-nappes>

## ACCESS TO THE WEBSITE (LINK)

The Uniform Resource Locator (URL) is:  
<https://meteeaunappes.brgm.fr>

This home site allows to:

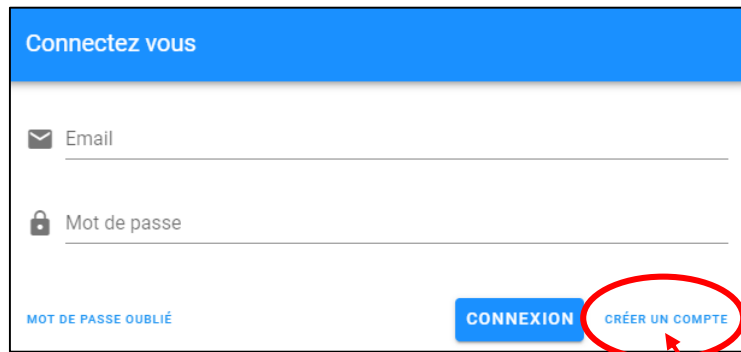
- introduce the tool
- consult the bibliographic references
- application access:  
<https://app.meteeaunappes.brgm.fr/>
- discover the news
- send an email with the contact form





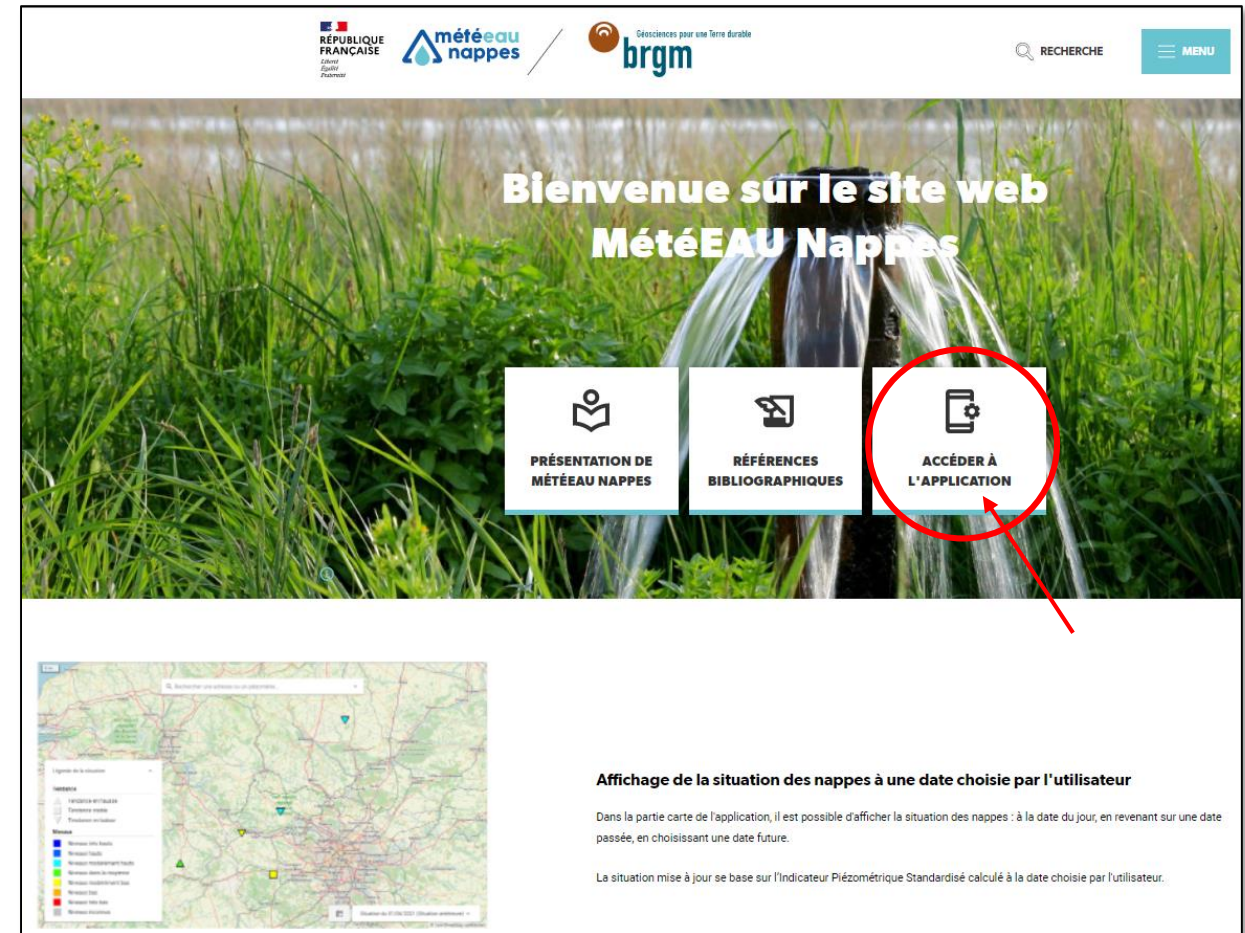
## ACCESS TO THE WEBSITE (USERS)

To access the application, each user must create an account with email and password.



Depending on the user, different rights will be assigned:

- general public
- expert
- contributor



## WEBSITE CARTOGRAPHIC PART (GW current situation)

scale bar

search for a piezometer by its BSS code\* or a locality

bilingual version (French-English)

clickable points with models

display or not the real-time stations

piezometers symbology and color according to the standardised piezometric level index of the day

to save map zoom

situation refreshed every day

**metéoaunappes**

Chargement des stations hydro terminé

Rechercher une adresse ou un piézomètre...

**Légende de la situation**

**Tendance**

- Tendance en hausse
- Tendance stable
- Tendance en baisse

**Niveaux**

- Niveaux très hauts
- Niveaux hauts
- Niveaux modérément hauts
- Niveaux dans la moyenne
- Niveaux modérément bas
- Niveaux bas
- Niveaux très bas
- Niveaux inconnus

**Affichage des couches**

- Modèles (Piézomètres modélisés) ☒
- Piezomètres (Tous les piézomètres) ☒
- Pluviomètres (Postes SYNOP) ☒
- Hydrométrie (Postes Banque Hydro) ☐

**Situation du 24/05/2022 (Temps réel)**

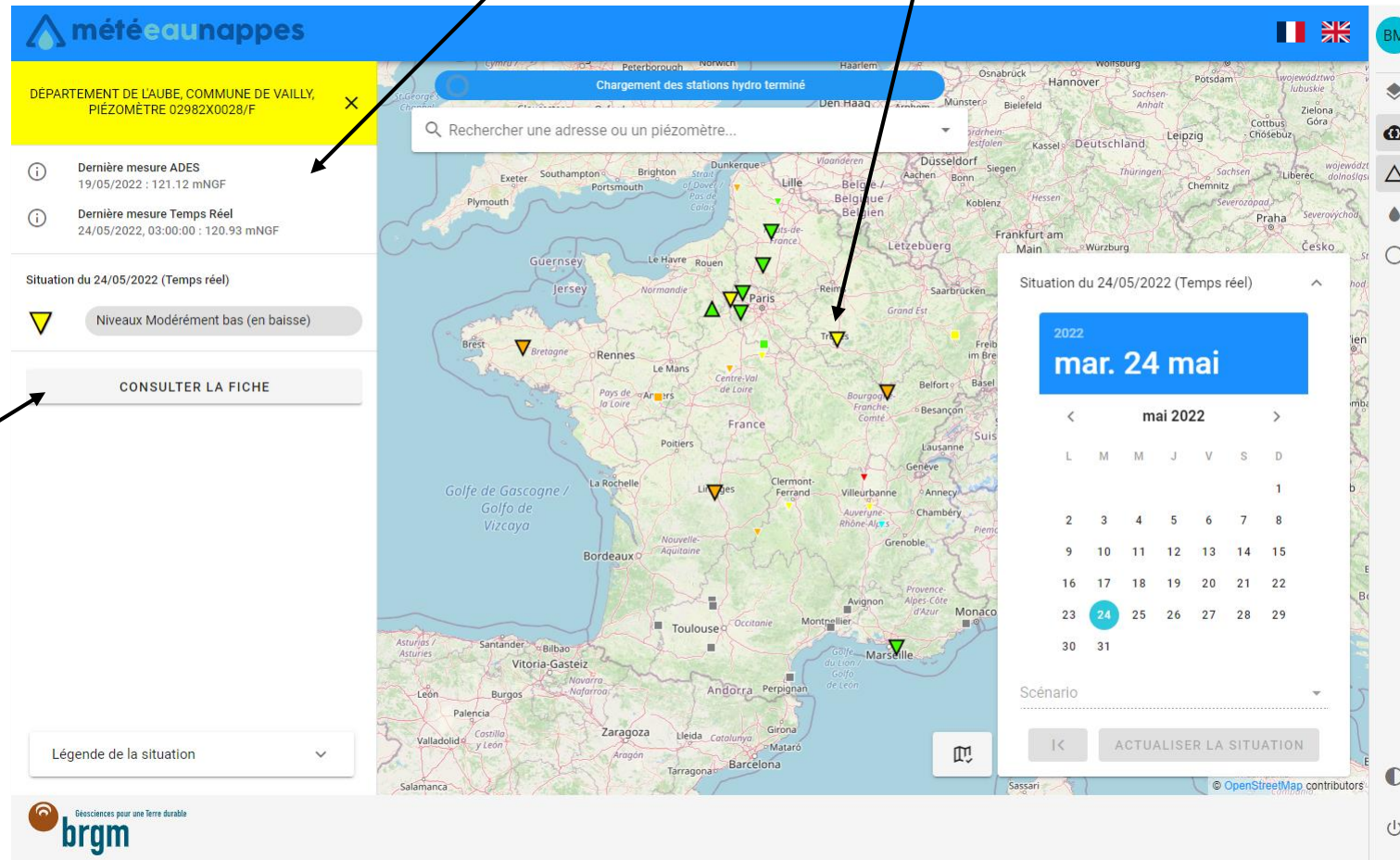
**brgm** Géosciences pour une Terre durable



## WEBSITE CARTOGRAPHIC PART (GW current situation)

after clicking on a piezometer,  
display of an information window  
and access to its sheet

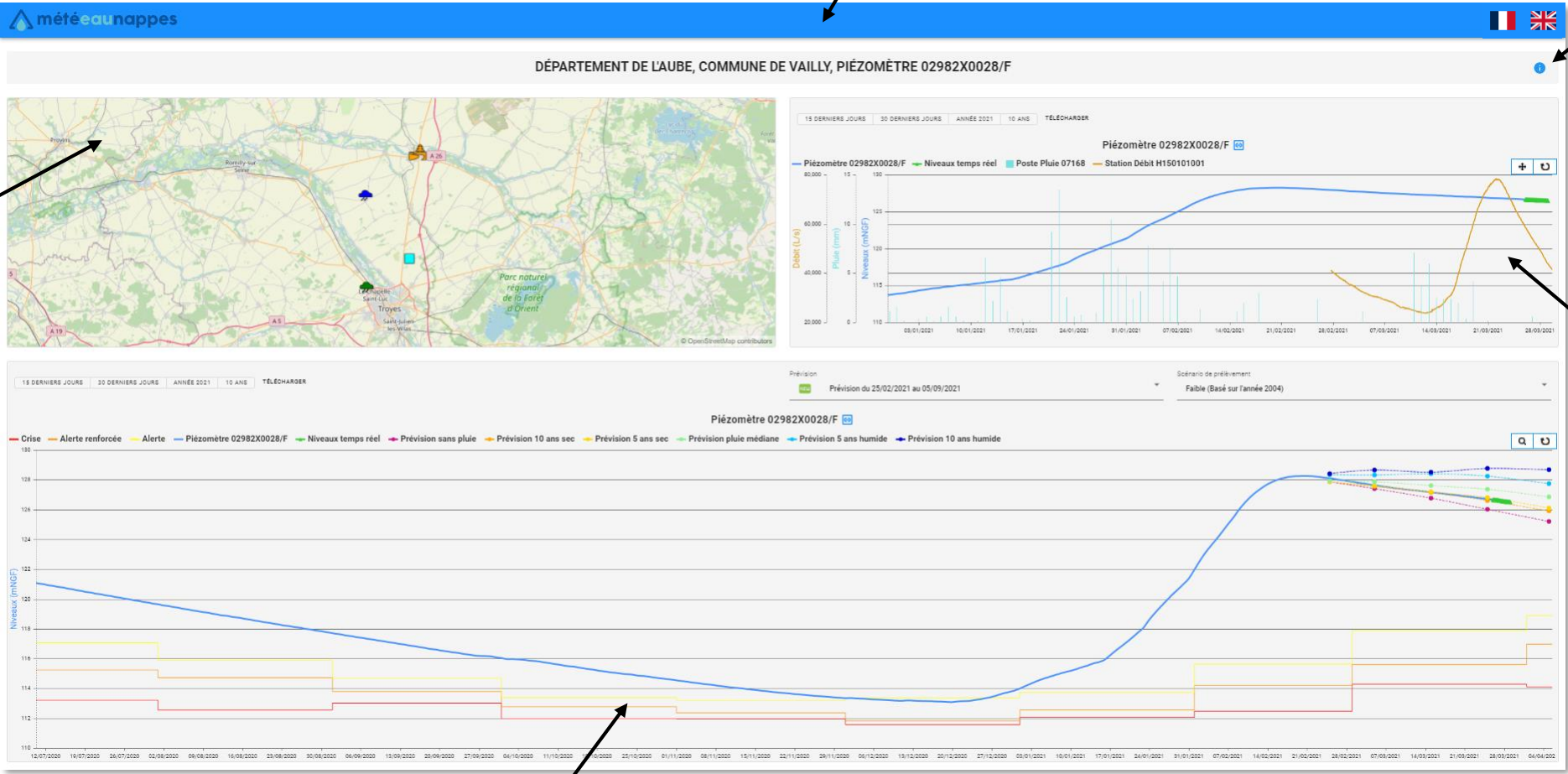
graphic part  
access



WEBSITE GRAPHIC PART  
(top of page)

updated bulletin  
to date

metadata  
access



station  
location map

real-time  
data graph

graph of GW levels,  
piezometric thresholds and forecasts

WEBSITE GRAPHIC PART  
(down the page)

graph of GW levels,  
piezometric thresholds and forecasts



rainfall  
graph

river flow  
graph

URL to each  
real-time station

# WEBSITE GRAPHIC PART (functionalities)

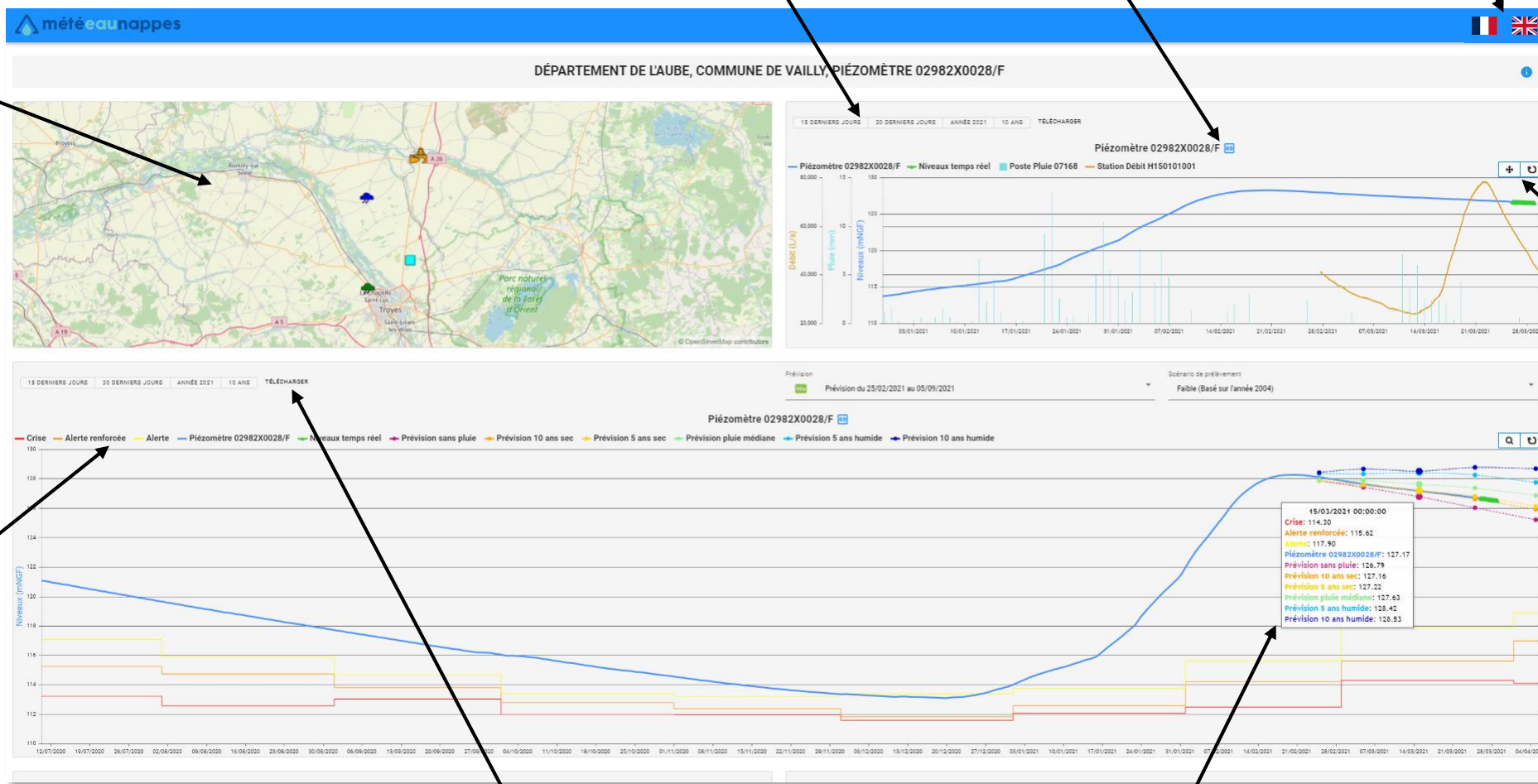
time period  
displayed

URL to  
real-time station

bilingual version  
(French-English)

back  
to cartographic  
part

zoom  
(computer  
mouse  
roulette)



navigation  
(move,  
zoom,  
reset)

display-  
selection  
or not  
of curves

dark/light  
mode

disconnect

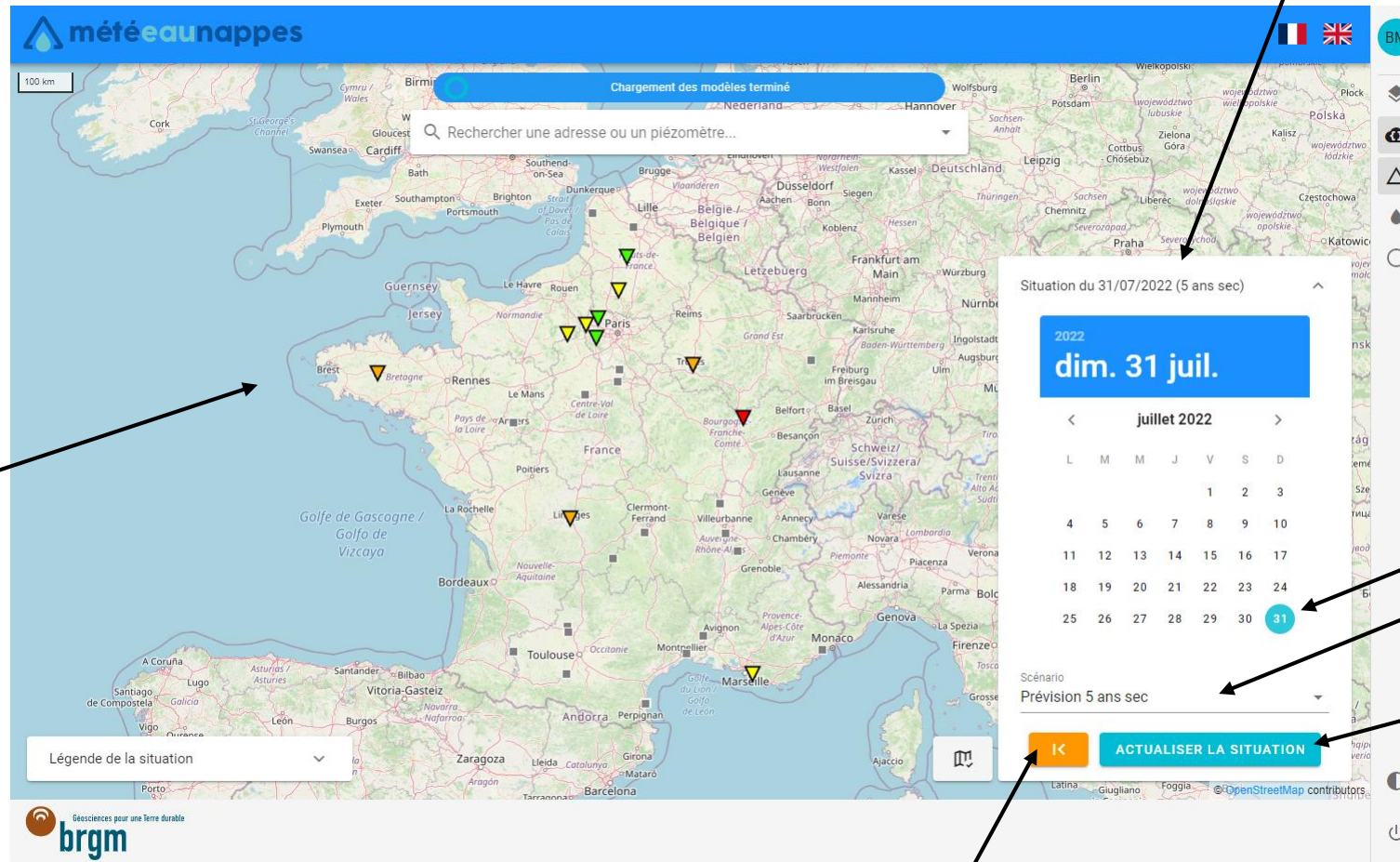
download  
a graphic picture

tooltips



## WEBSITE CARTOGRAPHIC PART (GW future situation)

future  
situation



piezometers symbology  
and color according to  
the forecast standardised  
piezometric level index

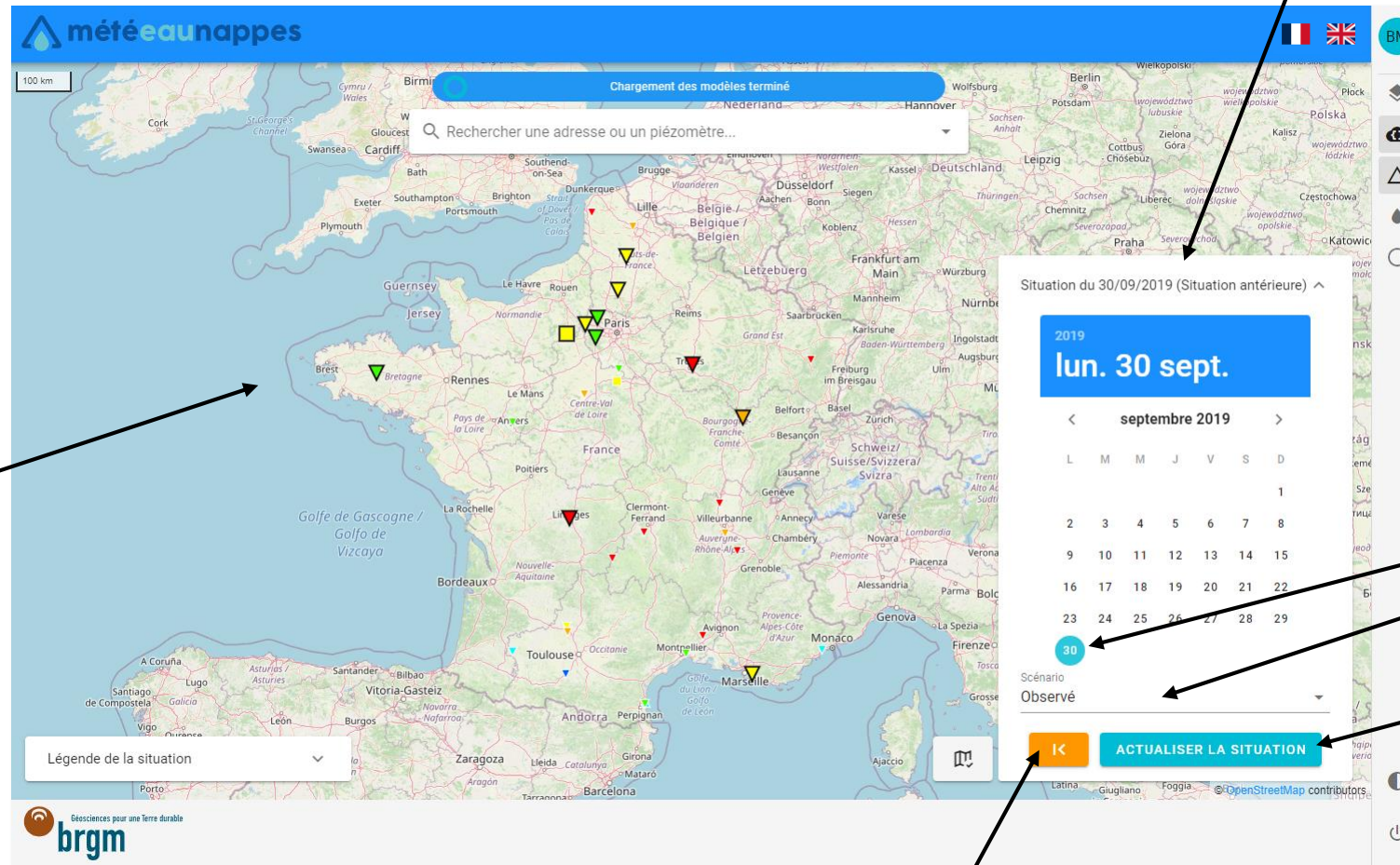
fill in:  
- a future date  
- a climate  
scenario  
then update

back to  
today situation

## WEBSITE CARTOGRAPHIC PART (GW previous situation)

previous  
situation

piezometers symbology  
and color according to  
the previous standardised  
piezometric level index



fill in:  
- a previous date  
- the “observed”  
scenario  
then update

back to  
today situation