

The background of the slide is a photograph of Earth taken from space. The planet's curvature is visible, with a thin blue atmosphere layer. The landmasses are dark, and city lights are visible as small yellow and white specks. The sky is a deep, dark blue with numerous stars.

# Harnessing Geo-Spatial Layers and AI for Extreme Heat Preparedness

Stephanie Rees, Social Impact Partnerships  
ECMWF UEF2026 - June 2026

The background of the slide features a light gray topographic map with contour lines. The map is partially visible in the top right and bottom left corners, with the rest of the slide being white. The text is centered in the white area.

# Excessive Heat on Search: Heat Warnings and Preparedness

# Excessive heat weather warnings on Google Search

📍 Monkey River Town, Belize · [Choose area](#) ⋮

 Severe weather alert

## Excessive heat

Monkey River Town, Belize ⋮

### Severe heat ending tomorrow

From [Google Weather](#)

High today

32 °C

Will feel like

40 °C

Tue



32°/26°

Wed



32°/27°

Thu



32°/25°

Fri



31°/26°

Sat



32°/27°

Sun



32°/27°

Mon



32°/25°

Tue



31°/26°

Wed



31°/27°

Thu



31°/23°

[See full forecast](#) >

Partnership with the **Global Heat Health Information Network (GHHIN)** for safety tips during extreme heat

**Severe weather alert**

### Excessive Heat

Añatuya, Santiago del Estero Province, Argentina

**Severe heat from Thu, 23 Jan to Fri, 24 Jan**

From [Google Weather](#)

Highest on Thu: **37°C** | Will feel like: **44°C**

Tue	Wed	Thu	Fri	Sat	Sun
34°/19°	32°/22°	37°/23°	33°/22°	31°/22°	32°/21°

[See full forecast >](#)

#### Local info

##### What to do

From [GHHIN](#)

- Use water wisely**  
Drink about 1 cup of water per hour and at...
- Keep yourself cool**  
When below 40°C / 104°F, fans cool the body...
- Stay safe**  
Extreme heat can be deadly. Avoid vigorous...

Results for **Añatuya, Santiago del Estero Province, Argentina** · [Choose area](#)

### Weather

**Excessive Heat**  
Añatuya, Santiago del Estero Province, Argentina

**Now**

**19°**

Clear  
Precip: 0%  
Humidity: 91%  
Wind: 10 km/h

Feels like 19°

Today's temperature will be 3° higher than yesterday

**Overview** | Precipitation | Wind | Humidity

NOW	7:00	8:00	9:00	10:00	11:00	12:00

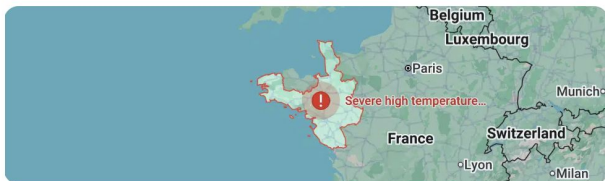
# CAP Alerts on Search & Maps

Severe weather alert

## Severe high temperature warning

Ille-et-Vilaine; Vendée; Finistère; Loire-Atlantique; Maine-et-Loire; Manche; Morbihan; Mayenne

### Affected area



View map >

### Official updates

From Météo-France · Last updated 9 hours ago

The alert is in effect from 27 May, 00:00 CEST.

Everyone is in danger, even those in good health. Danger is greater for elderly people, people suffering from chronic diseases or from mental health troubles, people who regularly take medicine or people who are isolated. Watch for dehydration and heatstroke, especially in sportsmen and people working outside. Pay attention to children. Heatstroke symptoms are : a fever above 40°, hot, red and dry skin, headaches, nausea, drowsiness, intense thirst, confusion, convulsions and loss of consciousness.

Less ^

### Recommended actions

Drink water several times a day. Continue to eat normally. Wet your body several times a day using a spray, a washcloth or by taking warm showers or baths. Do not go out during the hottest hours (11am-9pm). If you must go out, wear a hat and light clothing. Try to go to a cool or air-conditioned place for two to three hours a day, whilst continuing to respect physical distance and barrier gestures. Limit your physical and sports activities. During the day, close shutters, curtains and windows. Ventilate at night. If you have elderly, chronically ill or isolated people around you, check up on them or visit them. Take them to a cool place. In case of discomfort or behavioral problems, call a doctor. If you need help call the town hall. To find out more, visit the website: [www.sante.gouv.fr](http://www.sante.gouv.fr).

Severe high temperature warning

### Severe high temperature warning

Ille-et-Vilaine; Vendée; Finistère; Loire-Atlantique; Maine-et-Loire; Manche; Morbihan; Mayenne  
Posted a day ago



Send to phone

Share

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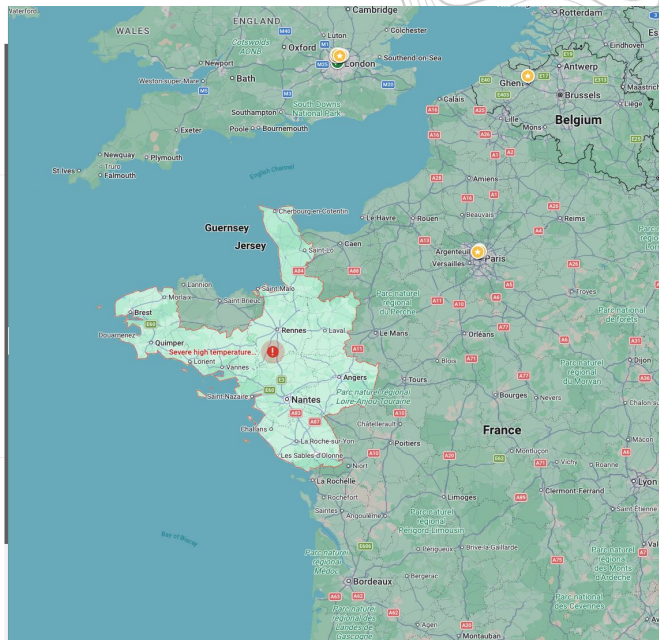
sante.gouv.fr

Source: Météo-France

### Info and updates

Everyone is in danger, even those in good health. Danger is greater for elderly people, people suffering from chronic diseases or from mental health troubles, people who regularly take medicine or people who are isolated. Watch for dehydration and heatstroke, especially in sportsmen and people working outside. Pay attention to children. Heatstroke symptoms are : a fever above 40°, hot, red and dry skin, headaches, nausea, drowsiness, intense thirst, confusion, convulsions and loss of consciousness.

Source: Météo-France



# Predictive Planning on Google Earth: Harnessing Geo-Spatial Layers



Google Earth

# Thank you!



[Google Weather Lab:  
Cyclones](#)



[Google Earth](#)



[Google Flood  
Forecasting](#)