

Educational guide

Recommendations to avoid risks and save lives

1 - Floods

Floods are one of the main natural hazards with consequences for the population, other living beings and the environment.

Heavy rainfall, overflowing rivers and dam failures or breaks are some of the main causes. In Andalusia, the rainfall pattern is very variable and it can go from a state of drought to heavy rainfall.

The risk of flooding affects practically the entire Andalusian geography, especially the coastal areas and river areas.

Precipitation

According to the amount of water that falls in an hour, rain can be classified as:

Heavy rain: between 15 and 30 liters per square meter in one hour

Very heavy rain: Between 30 and 60 liters

Torrential: More than 60 liters

When they are very intense, they cause swells, floods or torrents that cause the flooding of land and affect people and property.

2 - Emergency Plan for the Risk of Floods in Andalusia

The fundamental objective of the Emergency Plan for Flood Risk in Andalusia is the establishment of the organizational structure and the procedures for action to respond to flood emergencies in Andalusia, ensuring greater effectiveness and coordination in the intervention of the available means and resources.

3 - WEATHER ALERT PLAN

What does it define?

It establishes the Adverse Meteorological Phenomena (AMP) that exist and the warning levels.

Rain and storms are phenomena related to possible flooding.

AEMET has established a NOTICE traffic light to which we must all pay close attention.

WEATHER ALERT NOTICES

Green No risk.

Yellow The danger is LOW, but vulnerable property and population or in areas exposed to FMA could suffer some impacts or damage. Recommendation: YOU MUST BE ALERT.

Orange The danger is IMPORTANT. Vulnerable property and population or in exposed areas could suffer serious impacts. Recommendation: GET READY. Take precautionary measures and stay informed.

Red The danger is EXTRAORDINARY. Vulnerable property and population or in exposed areas could suffer very serious or catastrophic impacts. Recommendation: Take preventive measures and ACT according to the instructions of the authorities.

WEATHER ALERT LEVELS

Yellow Rainfall is expected to reach 15 litres per square metre in one hour or 40 litres in 12 hours.

Orange Rainfall is expected to reach 30 litres per square metre in one hour or 80 litres in 12 hours.

Red Se prevén lluvias de hasta 60 litros por metro cuadrado en una hora o 120 litros en 12 horas.

112 specialists forward the notifications to the affected municipalities for action to be taken and inform them through social networks and the media.

4 - CALL 112

Dial 1-1-2 on your phone and in less than 3 seconds a manager will pick up the phone.

The specialist will ask you two basic questions:

What is happening? and **Where?**

When we know what is happening and where we **TYPE** the emergency (normally in floods: flooding, rescues and rescues, road cuts and incidents, etc.) Immediately afterwards we **ACTIVATE** the operatives that are going to intervene: firefighters, health workers, security forces and bodies... and they mobilize their resources.

Let yourself be guided by the specialist. Once the operations are activated, the organization mobilizes the resource and the help is on the way, but **we continue asking useful questions to send everything that is needed.**

When the call ends, the **FOLLOW-UP** process begins to ensure that all needs have been answered.

5 - RECOMMENDATIONS

BEFORE

- 1) Check the condition of the roof, drains and downspouts to ensure good drainage.
- 2) Remove objects from outside that could be carried away by water and cause accidents.
- 3) Place the most valuable objects in high areas, along with your documentation and dangerous products.
- 4) Have a first aid kit, flashlight, and bottled water ready.
- 5) Do not park in dry riverbeds or on the banks of rivers to avoid being surprised by flooding.

BEFORE

PREPARE YOUR OWN FAMILY SIMULATION

- 1) Practice a flood response plan with your family.
- 2) Teach them how to act and dial 1-1-2 in case of emergency
- 3) Set a meeting place in case you are outside the home during the flood.

RECOMMENDATIONS

DURING

- 1) Do not touch any electrical appliance that is connected and wet.
- 2) Close doors and windows to avoid damage from the force of water and wind
- 3) Turn off the power. Use flashlights for light.
- 4) Be prepared to leave your home if you believe you are in danger or an evacuation is ordered.

Remember to bring:

documentation
small first aid kit
food
warm clothing
flashlight
battery-powered radio

RECOMMENDATIONS

DURING

- 1) Do not enter the house if the ground floor is flooded. Do not go down to the basement.
- 2) Do not cross flooded sections because the force of the water can sweep you away.
- 3) Locate the highest areas to go to them if necessary.

Stay tuned to the media (TV, radio and official sources on the internet) for updates and weather forecasts.

RECOMMENDATIONS ON THE ROAD

AVOID MOVEMENTS - Especially at night, when obstacles are harder to detect.

MAIN ROADS - Use motorways and dual carriageways preferably.

OBSTACLES - Watch out for landslides and potholes and any objects on the road.

WATER POOLS - Never cross a flooded area with the vehicle.

DRIVING - Drive in low gears and go slowly so that water does not splash on the engine.

BRAKES - Check their operation after crossing a puddle. They do not work well if they are wet.

In rain

If you have visibility problems, pull over to the side of the road and signal your position.

Driving

Be prepared to abandon the vehicle and go to higher ground if

- your vehicle gets stuck
- the water rises above the axle of the wheel

Evacuation

If the vehicle is submerged in water and you have difficulty opening the door, get out through the window!

RECOMMENDATIONS

AFTER

- Check the condition of the house for any risk of collapse.
- Be careful with water, preferably consume bottled water.
- Do not light fire or electricity.

Start cleaning at the highest areas and leave any items that are no longer needed on the sidewalks or road (without interrupting traffic).

Whenever possible, help the rescue and cleaning teams in the tasks of clearing debris from the section of public road near your home.

6 - MINORS

Children need to feel safe and protected, so give them confidence in gradually returning to normality.

Support

Take care of the children calmly and try to explain to them what has happened to give them support and security.

Acceptance

Explain to them that we cannot avoid the consequences of the flood, but we can experience them in a non-traumatic way.

Expression

Encourage them to draw or write a story about their fears and emotions.

Media

Avoid overexposing them to constant dramatic images in the media.

Participants

Try to motivate them to participate in the reconstruction tasks with tasks that are within their reach.

7 - EMERGENCY INFORMATION

Prevention - Be prepared to know what to do and how to act in case of floods.

Stop hoaxes - Stop any panic situation, hoax or rumor.

Official sources - On social media, go to the media and official accounts such as 112

Diffusion / Fake News - Check the origin of the news before disseminating it and making it viral

Responsibility - Always follow the instructions of the operators and authorities to avoid damage

112 emergencies- Make good use of the telephone. Call only in case of emergency.