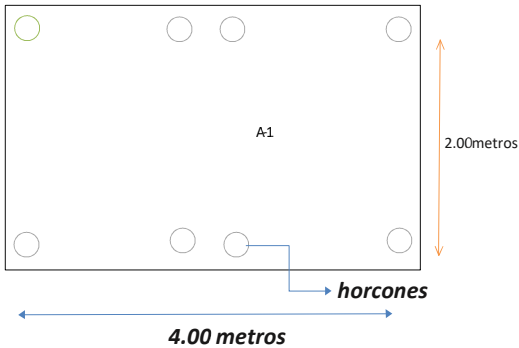


Measures to take in Recovery Stage

- Perform the inspection to the technical condition of the home and determine the damages caused by the event. If there are structural effects, you should not enter and you should ask for the help of specialists to diagnose the constructive condition of the house and determine if the family can enter it.
- Cooperate with the authorities and designated groups in assessing damages and needs.
- Increase search and elimination actions of possible mosquitoes' reservoirs.
- Carry out the inspection of the technical condition of animal farms and paddocks.
- Increase hygienic and sanitary measures.
- Eliminate contaminated food.
- Check the facilities before activating water, electricity and gas networks.
- Strictly observe safety measures to preserve life:
 - Do not walk through flooded areas.
 - Do not swim or fish in dams, rivers and ponds.
 - Do not touch electric cables.
 - Stay away from places in danger of collapse or landslides and do not return to the house in which the family resides, if it was considered from normal times in danger of collapse.
 - Cooperate with the commissions designated by the local authorities during the visits to the victims for the evaluation of damages, losses and needs.

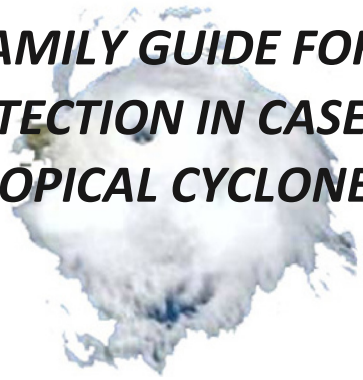
Land rod models built with own resources



Design for the construction of a land rod With own resources



FAMILY GUIDE FOR PROTECTION IN CASE OF TROPICAL CYCLONES



(For residents in rural areas)

Main measures for family protection:

The family must conceive a group of measures for the protection of its members, goods (including pets, breeding animals) and the family economy in the case of tropical cyclones danger. In case the home offers security, how it could contribute to the protection of other people.

Main aspects to take into account by families:

- Knowledge of the location of evacuation center, state facility or housing where protection is planned and the terms to go to the place established for gathering and the subsequent transfer. In case of transfer to homes of friends or relatives, at what time they should be presented.
- Avoid traveling at night and under the influence of winds, rains or floods.
- Before leaving, unplug everything that may cause accidents in the home.
- Know alternative transportation routes in case of obstruction of the planned ones.
- Preparation of a family bag or backpack for disaster situations, with indispensable means and resources, for families that must be protected in other homes, evacuation centers, other facilities, caves or protective institutions.
- Way to guarantee disabled people, the elderly, children and pregnant women the means to facilitate their movement, stay and basic needs during their protection in safe places.

Content of the family bag or backpack for disaster situations:

- Some clothes and protection clothing for rain, heat or cold depending on the place and time of the year.
- a portable radio that works with batteries, solar energy or magneto.
- a hand-held flashlight that works with batteries.
- enough batteries for the radio and flashlight
- candles, matches.
- foods that do not require refrigeration, in small containers to avoid waste and preferably that are ready for immediate consumption. Infant foods are included in case family needs require so.
- container with boiled and chlorinated drinking water.
- water purification tablets.
- can openers and cutlery.
- insect repellent or mosquito net.s
- personal hygiene items.
- medications that have been prescribed for the treatment of illnesses, accompanied by doctor's prescriptions. A reasonable provision must be secured.
- personal identification document of all the family members that would be together.



Measures to take for the response:

Upon receipt of Early Warning:

- Attention must be paid to information and indications from authorities and meteorological, hydrological and epidemiological services.
- Check the conditions of the food and carry out the conservation actions whenever possible with traditional methods.

- Check the status and operation of radio and hand-held flashlight, as well as the batteries condition.
- Remove objects from patios and roofs that can be projected by strong winds and cause accidents.
- Take measures for the protection of personal documents (property titles, identity card, ration booklet, certificates and medical records).
- Check for the conditions of constructions, land rods, caves, shelters or emergency rooms and guarantee resources for subsistence during the impact of the event (safe water deposit taking into account the amount of people staying there, light foods, communication means, candles, firewood kerosene, lantern, lighters, chlorine or hypochlorite tablets, first aid kit, medication for metabolic diseases such as hypertension, diabetes and others).
- Community members with the required physical conditions should participate in the cleaning of rivers sections, and unblock ditches, channels and streams that can cause flooding due to heavy rains. Clean roofs, drains and sewages. Make tree pruning activities that can affect the households.
- In case there is a disabled person in the family, name one or several relatives, companions, neighbors or friends with whom they will be accompanied.
- Check access routes that may be uncommunicated. Point out with which neighbor to establish cooperation, exchange of information and signals if necessary (sound, light).
- Check for the areas destined to evacuate animals at risk.

- Verify the means for the protection of crops, windmill, cultivation or covered houses, turbines, irrigation machines or systems, solar panels, harvested crops and seeds.
- Evaluate the need for accelerated harvesting of crops.
- Maintain a good hygienic health status in pens and paddocks for animals, as well as in the premises used for the storage of crops and seeds.
- Increase the actions of searching and eliminating mosquitoes, by destroying deposits and reservoirs that may favor its reproduction and proliferation during the time away from home.
- Check the deposit and the place for protecting the photovoltaic system; as well as the procedures for its disassembly. Designate who will carry out the dismantling.

Upon declaring cyclonic phases:

Information Phase:

- Continue to comply with Early Warning measures
- The family must know the situation and place where the members of their family are and be attentive to the information and indications of the authorities and the meteorological, hydrological and epidemiological services.
- Protect windows and doors with wooden planks and light roofs with sacks of sand, gravel, or wire.
- Prepare the family bag or backpack, checking no less than three times the completion of the planned items or resources and including the missing ones.
- Verify the status of access roads and the location for protection (whether it is on the ground rod, caves, works, in the homes of relatives or friends, in shelters or emergency rooms).

- Those responsible for the attention and / or operation of the Early Warning points or volunteer observers, activate the communication system for disaster situations and checking is carried out with the disaster management centers from the defense councils together with the corresponding work groups.
- Protect the seeds or micro plants.
- Transfer affected animals to the agreed sanitary slab to which emergency sacrifices will be necessary to carry out.
- Increase sanitary hygiene measures.



Alert Phase:

- Check safety conditions, the hygienic state, as well as the time for the occupation of caves, works, tunnels or land rods, houses, shelters or emergency rooms, before the influence of the destructive effects of the cyclone.
- Establish cooperation with neighbors according to coordinated signals.
- Check the status of the access roads that can be used for evacuation.
- Strictly observe hygienic and sanitary measures.
- In case you are a volunteer observer or have an Early Warning Point at home, organize and create work shifts, for meteorological and hydrological observation (water levels), mainly to nearby rivers and micro-dams that can be observed from the place and directly affect it. Report if possible every 3 hours on the situation.

- Review compliance with measures to protect housing and the animal economy.
- If the family has a photovoltaic system, it should be dismantled and protected in a high place that is not affected by floods but also in a place that is not affected by water leaks.
- Destroy objects that may favor the growing and proliferation of mosquitoes.
- Protect the most sensitive species and zoo-technical categories (birds, swine, rabbits, calves and others, whose physical condition require so).
- Keep discipline and observation of social coexistence, respect and human solidarity rules in places where protected persons are concentrated. Do not drink alcoholic beverages.

Alarm Phase:

- Finishing the actions for protection and go to the place destined to preserve life. The exchange of information with the neighbors is carried out according to the coordinated signals, to warn about the establishment of the phase.
- Carry out, if possible, meteorological and hydrological observation (water levels), mainly towards nearby rivers and micro-dams, without affecting physical integrity.
- Strictly observe security measures to preserve life:
- Do not leave the place where the family is protected once the effect of the winds has begun. Keep in mind that if you feel strong winds and a subsequent calm, it means that the center of the eye of the hurricane is located in a place where the family is protected, and later stronger winds will be felt in the opposite direction.
- Do not walk through flooded areas.

- Do not go to flooded areas to fish, bathe or collect objects and articles.
- Do not touch electrical cables.
- Stay away from places in danger of collapse or landslides and do not return to the house in which the family resides, if it was considered from normal times in danger of collapse.
- Do not leave the place where the family is protected if after feeling strong winds you feel calm, because it means that the center of the eye of the hurricane is above your position, and stronger winds will be produced again.