

KEEP THIS!
Important info!

Flood

National Flood Insurance Program | *What you should know.*

FLOOD HAZARD INFORMATION:

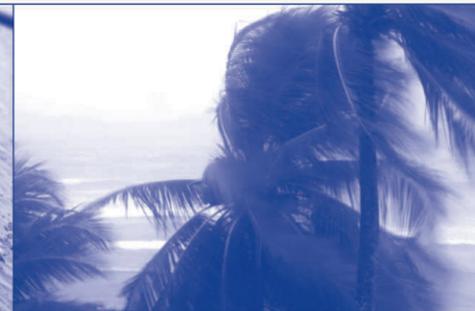
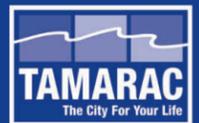
The **City of Tamarac** participates in the Community Rating System of the National Flood Insurance Program. As of October 1, 2011 the City achieved a Class 6 rating which resulted in an increase of the previous 15% discount for Special Flood Hazard Areas (SFHA) **to a 20% discount on flood insurance premiums for property owners in the City of Tamarac.**

Since it has been determined that your property may lie within a flood hazard area, the following information and tips may be of interest to you. Please refer to this fact sheet in the event of an impending hurricane, tropical storm or notification of projected heavy rainfall. During extended periods of heavy rainfall, low-lying neighborhoods within the City are subject to flooding. This information is offered to help protect your property and reduce potential losses due to flooding.

NATURAL AND BENEFICIAL FUNCTIONS:

State regulations protect those natural areas that help to reduce the risks associated with flooding. When portions of floodplains are preserved in (or restored to) their natural state, they provide many benefits to both human and natural systems. These benefits range from providing aesthetic pleasure to reducing the number and severity of floods, helping handle storm water runoff and minimizing non-point water pollution. In fact, Tamarac's 129 acres of parks are not only important for our citizen's pleasure, but they play a vital role in helping drain waters through to the aquifer that replenishes South Florida's water.

SAVE THIS! This important information, from the City of Tamarac, may save you money on your flood insurance premiums!



FLOOD HAZARD:

The City of Tamarac maintains a waterway system consisting of over 522 acres of open canals and lakes that meander throughout the City. All of the drainage systems within the City are required by our City code to discharge into one of our canals or lakes which, in turn, flow into the C-13 and C-14 canals that are owned and operated by the South Florida Water Management District.

The soils in Tamarac are typically not very permeable. Therefore, under saturated conditions or when the water table is high, very little water seeps into the

ground. In order to increase storm water storage within the City during tropical weather systems, the City passed an Ordinance in 1979 requiring all new developments to provide additional areas in which to store and retain storm water on site before discharging it into the public system.

The City is divided into two defined drainage basins: Generally all of the drainage west of NW 64th Avenue flows north into the C-14 canal (also known as the Cypress Creek Canal), and the drainage east of NW 64th Avenue flows south into the C-13 Canal. Both the C-13 and C-14 canals flow east to the Intercoastal Water-

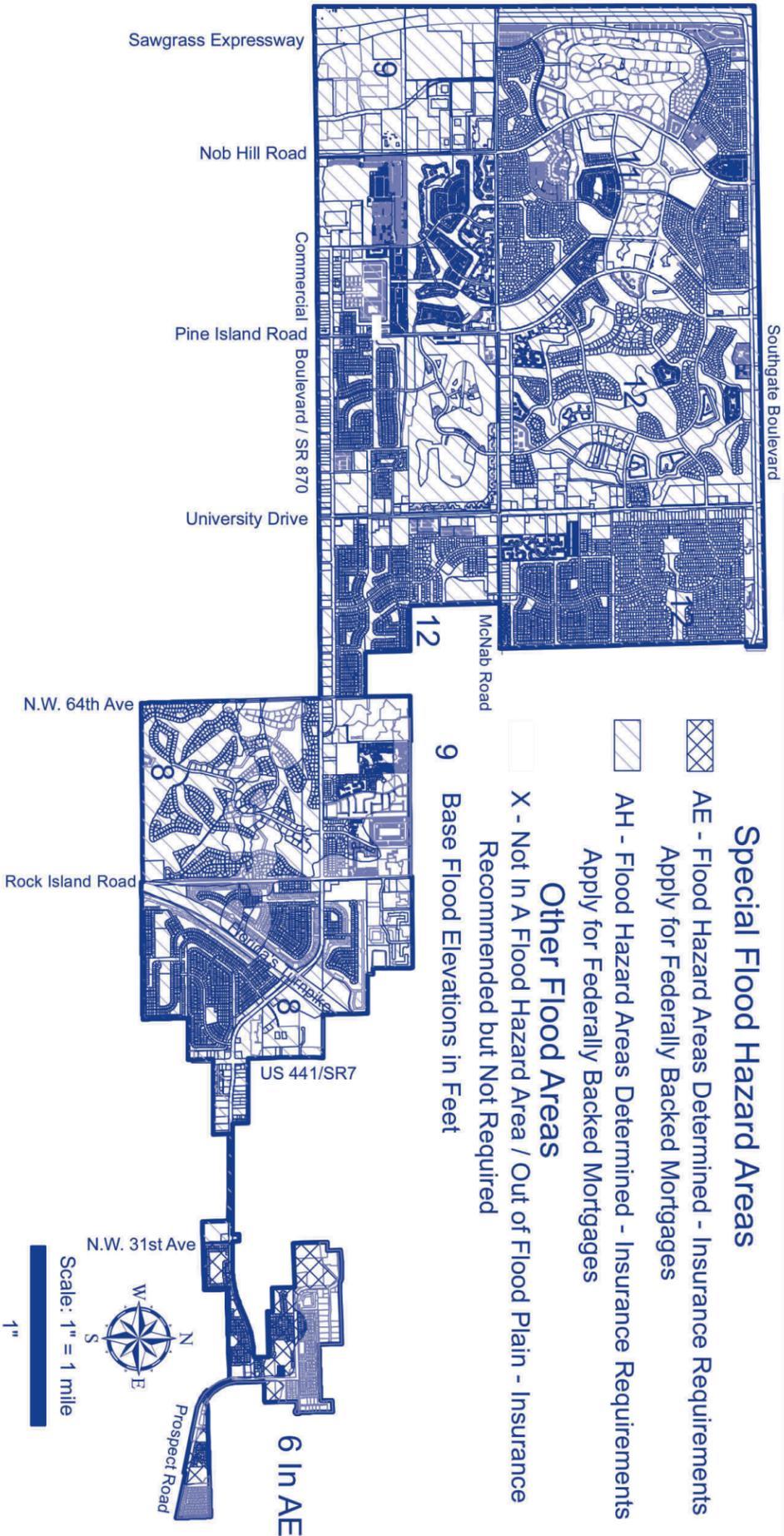
way where they discharge.

Your property may be high enough that it has never flooded. However, it can still flood in the future. Our most devastating storm, Hurricane Wilma (2005), was not a wet hurricane, as compared to Hurricane Irene (1999), which deposited a significant amount of rain in a 24-hour period. Hurricane Irene caused serious flooding in residential areas. If you are in the flood zone, then it is possible your property may be damaged. We hope the information provided will give you some idea of what you can do to protect yourself.

SPRING 2014



FEMA Floodzones | City of Tamarac



For Flood Zone Determinations, contact the Building Department at (954) 597-3420.
Source: City of Tamarac GIS Project, Broward County Department of Natural Resource Protection (DNRP) & Federal Emergency Management Agency (FEMA) 1996 panel maps. This May 9, 2011 draft map is for internal location purposes only and is not a legal description of property. No Guarantees of completeness or accuracy are made.

FLOOD SAFETY & PROPERTY PROTECTION:

June 1st is the official start of the Hurricane Season, so it is recommended that a few months before the start of the hurricane season you look at the hazards that could affect your home. Know your home's vulnerability to flooding and wind damages and make your final preparations necessary to keep your families, homes and businesses safe during the hurricane season using the appropriate materials such as storm shutters and reinforced garage doors.

If you are advised to evacuate, turn off utilities at the main switches or valves. Disconnect electrical appliances, but do not touch

any electrical equipment if you are wet or standing in water. Avoid fast flowing water or unstable banks.

Property protection measures should be taken with the onset of a flood or if your home is susceptible to flooding, retrofitting should receive consideration. If flooding is likely, and time permits, move essential items and furniture to the upper areas of your home. Keep materials like sandbags, plywood, plastic sheeting, and lumber handy for emergency waterproofing. This action will help to minimize the amount of property damage caused by floodwaters.

Retrofitting involves the modification of surrounding terrain of your home to reduce the risk of flooding. Surrounding terrain modifications include the installation of an earthen berm or small flood-wall. Home modifications include raising the home, waterproofing the walls, and elevating electrical panel boxes, furnaces, water heaters, and washers and dryers to locations less likely to be flooded. FEMA has federal grant funds available for property protection measures through their Flood Mitigation Assistance program. For information on grant eligibility and applications, contact FEMA Regional Office IV, Atlanta, GA at: (770) 220-5400.

DRAINAGE SYSTEM MAINTENANCE:

Proper drainage helps reduce the risk of flooding. It is illegal to discharge, directly or indirectly, any solids, liquids (such as paints, gasoline, oils, etc.) or gaseous matter into the drainage system. The City inspects the drainage system and removes blockages that are found or reported. If you live near areas where waters flow, you can help in this process by keeping the storm water pipes and catch basins clear of brush and debris. Reports of any violations should be made to the Tamarac Public Works Department at (954) 597-3700 or the Broward County Environmental Protection Department notification

hotline at (954) 519-1499.

As part of the City's road cleaning and debris removal programs, the streets are swept once every month for curbed sections and twice a month for uncurbed sections. Different crews from Public Works Department make frequent site visits to ensure that catch basins and pipes are free of obstructing materials that would impede stormwater flow. Specifically, working in conjunction with different regulatory agencies, the City crews inspect the drainage system and remove blockages prior to a reported major storm event.

There are some things you can do.

Don't throw or dump anything into storm sewers or canals. Even grass clippings and branches can accumulate and plug channels and drains. A plugged channel or storm drain cannot carry water when it rains. Clogged storm drains will cause water to back up into the street and may cause flooding. Every piece of trash contributes to flooding.

If your property is next to a catch basin or storm water pipe that discharges into a canal and is visible, help keep the banks clear of brush and debris. The City has a canal maintenance program, which can help remove major blockages such as downed trees.

DID YOU KNOW?

Did you know that floods are the most common natural disaster? Here are a few safety tips to consider, if you are ever faced with flooding.

Do not walk through flowing water, nor drive through a flooded area.

Drowning is the number one cause of flood deaths. Currents can be deceptive; six inches of moving water can knock you off your feet. If you walk in standing water, use a pole or stick to ensure that the ground is still there. Also, do not disregard road barriers, the road or bridge may be washed out. Remember to treat non-operational traffic signals as 4 way stops signs. Avoid driving unless absolutely necessary.

Have your electricity turned off by FPL.

Some appliances such as television sets hold electrical charges even after they have been unplugged. Avoid using appliances or motors, which have gotten wet, unless they have been taken apart, cleaned and dried.

Stay away from power lines and electrical wires.

Electrocution is the number two flood killer. Beware that a downed power line in the water may pose a threat of electrocution. Electrical currents can travel through water. Report downed power lines to Florida Power and Light at (954) 797-5000, or call the Broward County Sheriff's Office at (954) 765-4321.

Look before you step.

After a flood, the ground and floors are covered with debris, including broken bottles and nails. Floors and stairs that have been covered with mud can be very slippery.

Be ready for the unexpected.

Place important documents inside plastic bags or other waterproof containers. Review your insurance policy to ensure it provides adequate coverage. Know what type of coverage you have. Most policies cover windstorm damage, but not flooding. Any policy change usually takes 30 days before going into effect.

Be alert for gas leaks.

If you use natural gas, use a flashlight to inspect for damage. Don't smoke or use candles, lanterns, road flares, or open flames unless you know the gas has been turned off and the area has been ventilated.

Look out for animals, especially snakes.

Small animals that have been flooded out of their homes may seek shelter in yours. Use a pole or stick to poke and turn things over and scare away small animals.

IMPORTANT

FLOOD WARNING SYSTEM:

The City of Tamarac and Broward County depend on the National Weather Service (NWS) for flood recognition. The NWS will issue a flood advisory for Broward County at least six (6) hours before expected rainfall would overflow drainage systems and cause the isolation of structures by the inland ponding of floodwaters. Residents should tune to TV and radio weather broadcasts and be alert to special local advisories. The following radio and TV stations will carry advisories for our area:

TV	AM Radio
WFOR Channel 4	WQAM 560
WTVJ Channel 6	WIOD 610
WSVN Channel 7	WSRF 1580
WPLG Channel 10	
	FM Radio
	WKIS 99.9
	WBGG 105.9

FLOOD INSURANCE:

If you don't already have flood insurance, talk to your insurance agent. Most homeowner's insurance policies do not cover damage from floods. However, because Tamarac participates in the National Flood Insurance Program, you can purchase a separate flood insurance policy. This insurance is backed by the Federal government and is available to everyone, even for properties that have been flooded.

- Statistics show that all homes have a 26% chance of experiencing a flood during the life of a 30 year mortgage.
- It is also important to note that there is a 30-day waiting period before coverage goes into effect.

Building Coverage:

Single Family Dwelling.....	\$250,000
Other Residential.....	\$250,000
Non-Residential.....	\$500,000
Small Business.....	\$500,000

Contents Coverage:

Residential.....	\$100,000
Non-Residential.....	\$500,000
Small Business.....	\$500,000

FLOODPLAIN DEVELOPMENT PERMIT REQUIREMENTS:

All buildings under construction require permits. Prior to any construction activities and for any concerns or to report any type of illegal work done in the floorplain you may contact the Building Department at 6011 Nob Hill Road, First Floor, (954) 597-3420.

SUBSTANTIAL IMPROVEMENT REQUIREMENTS:

The City of Tamarac and the National Flood Insurance Program require that if the cost of reconstruction, rehabilitation, additions, or other improvements to a building equals or exceeds 50% of the building's market value, the building must meet the same construction requirements including lowest floor elevations, as a new building. Substantially damaged buildings must also be brought up to the same standards.

MAP DETERMINATIONS and ELEVATION CERTIFICATES:

The City can provide copies of available elevation certificates for newer and substantially improved buildings and make flood zone determinations, simply call (954) 597-3420. These Elevation Certificates note information such as the elevation of your structure and the 100 year historic flood level. In addition, they help determine if a structure is above flood level and whether flood insurance is necessary. Please refer to the map on the last page to determine if your property lies in the Special Flood Hazard Area (AE or AH zones).

SECURING BOATS:

If you own a boat, it's your responsibility to secure it. As a boat owner, you should make a plan in advance to move your boat or arrange for its storage. Check with a local marina for suitable alternatives.

If possible, store it inside a garage or warehouse. If you must leave your boat outside, attach the trailer tongue to something firm in the ground, let the air out of the tires and make sure the boat is secure to the trailer. If possible, fill the bilge with water, which adds extra weight. If you plan to keep your boat in the canal, be sure to double the dock lines, leaving sufficient space for the tidal range and put out extra anchors. Don't forget to remove all marine electronics or other un-

secured equipment. Sail boaters should remove self-furling sails and bimini tops.

Boats on davits should be secured with extra tie lines and in such a manner to keep the boat from swinging during high winds.

Be sure to have the vessel registration and boat hull numbers available if you need to report it lost, stolen, damaged.

PET SAFETY TIPS:

Remember, during a flood or hurricane, evacuation centers will not accept pets. So make plans in advance to board your pets in an animal kennel or with friends.

Plan ahead. Talk to a friend or family member who lives in an area that is not expected to be affected by the hurricane. Ask if their

home would be open to you and your pet should a storm threaten.

Be responsible. Do not leave your pet home during a hurricane. A secure room and a few days' food and water do not necessarily mean safety for your pet. Many people returned home after Hurricane Andrew to find their pets missing. Keep a current picture of your pet to help identify it.

After the storm: Take caution in allowing your pet outdoors after the storm has passed. Familiar scents and landmarks will have been altered and your pet may become confused or lost. Downed power lines also present real dangers. Take precautions not to allow your pet to consume food or water that may have become contaminated.



EVACUATION:

The City of Tamarac is not in the Evacuation Zone. Broward County advises people who are not in the evacuation areas to take shelter in their own home.

Being prepared is a vital part of getting through a storm. You may contact the Tamarac Fire Rescue Department at 954-597-3800 for information regarding hurricane preparedness. The Fire Rescue

Department also has programs to better prepare the community as to what to do and when to do it when a storm approaches.

Broward County provides special needs shelters. If you believe you have special needs that may meet the County criterion, you may contact the Broward County Special Needs Registration line at (954) 537-2888. **PLEASE NOTE: YOU MUST BE REGISTERED BEFORE YOU ARRIVE AT THE SHELTER.**

SITE VISITS: Upon request, a representative of the Public Services Engineering Division will meet with the property owner(s) on site and discuss his/her concerns for flooding, drainage, and storm water related problems. To request a site visit, please call the Public Services Department at (954) 597-3700.