

READY NEW YORK

**HURRICANES
AND
NEW YORK CITY**



NYC
Emergency
Management

Mayor Bill de Blasio
Commissioner Joseph J. Esposito



HURRICANE SANDY
DEMONSTRATED THE
IMMENSE DAMAGE AND
DEVASTATION THAT
HURRICANES CAN BRING
TO NEW YORK CITY.

MAKE A PLAN BEFORE A
STORM ARRIVES TO HELP
KEEP YOUR FAMILY AND
HOME SAFE. READ ON TO
LEARN HOW YOU CAN
PREPARE.



HURRICANE BASICS

TERMS YOU SHOULD KNOW

Hurricane Season

June 1 to November 30
(Historically, the greatest potential for hurricanes in New York City occurs from August through October.)

Tropical Cyclone

An organized, rotating, low-pressure weather system of clouds and thunderstorms that develops in the tropics.

Tropical Storm

A tropical cyclone with sustained winds of 39-73 mph.

Hurricane

A tropical cyclone with sustained winds of 74 mph or greater.

Hurricane Watch

An announcement that hurricane conditions are possible within a specified area. Watches are issued 48 hours before tropical-storm-force winds are predicted to occur.

Hurricane Warning

An announcement that hurricane conditions are expected within a specified area. The warning is issued 36 hours before tropical-storm-force

winds are predicted to occur and can remain in effect when dangerously high water and waves continue.

KNOW THE HAZARDS

Storm Surge

Accounting for the largest number of hurricane fatalities, storm surge is a dome of ocean water that is pushed ashore by the oncoming hurricane's winds. A major hurricane could push more than 30 feet of storm surge (the height of a three-story building) into some parts of New York City, and storm surge can travel several miles inland. Storm surge and large battering waves can endanger lives, destroy buildings, erode beaches and dunes, and damage roads and bridges.

Wind

With sustained winds of 74 mph or greater, hurricanes may damage buildings, topple trees, and turn loose objects into deadly projectiles.

Rain

Heavy rain from hurricanes can cause flash flooding. Low-lying and poor drainage areas are especially vulnerable to flooding.

STORM CATEGORIES

Hurricanes are classified into five categories (1 through 5) according to the hurricane's sustained wind speed. As the wind speed and intensity of a storm increases, the category number increases.

RESOURCES

Unless otherwise noted, call 311 (212-639-9675 for Video Relay Service, or TTY: 212-504-4115) or use NYC.gov to contact City agencies.

NYC Emergency Management

NYC.gov/emergencymanagement

Know Your Zone

NYC.gov/knowyourzone

Notify NYC

Register for emergency notifications by visiting NYC.gov/notifynyc, contacting 311, or following @NotifyNYC on Twitter

National Flood Insurance Program

www.floodsmart.gov
1-888-379-9531

National Hurricane Center/Tropical Prediction Center

www.nhc.noaa.gov

National Weather Service

www.weather.gov

NYC Emergency Management on Facebook and Twitter

www.facebook.com/
NYCemergencymanagement
@nycoem

NYC Mayor's Office for People With Disabilities

NYC.gov/mopd

City of New York on Facebook and Twitter

www.facebook.com/nycgov
@nycgov

Con Edison

1-800-75-CON ED, (800-752-6633),
(TTY: 800-642-2308)
www.coned.com

PSEG LI

1-800-490-0025, (TTY: 631-755-6660)
www.psegliny.com

National Grid

718-643-4050, (TTY: 718-237-2857)
www.nationalgridus.com

BE PREPARED

PREPARE A DISASTER PLAN

Develop a plan with your household members that outlines what to do, how to find each other, and how to communicate if a hurricane strikes. Use Ready New York: My Emergency Plan at NYC.gov/myemergencyplan.

KNOW YOUR ZONE

Areas of the city subject to storm surge flooding are divided into six evacuation zones (1 through 6) based on risk of storm surge flooding. The City may order residents to evacuate depending on the hurricane's track and projected storm surge.

Use the Hurricane Evacuation Zone Finder at NYC.gov/hurricanezones, call 311 (212-639-9675 for Video Relay Service, or TTY: 212-504-4115), or consult this brochure's map to find out if your address is located in an evacuation zone. If you live in an evacuation zone, have a plan for where you will go if an evacuation order is issued for your area.

HAVE THE RIGHT INSURANCE

Whether you rent or own your home, flood and wind damage are not covered by basic policies. You will need to buy a separate policy to protect your home in the case of flooding. Visit www.floodsmart.gov for more about the National Flood Insurance Program.

FOR PEOPLE WITH DISABILITIES OR OTHERS WHO HAVE ACCESS AND FUNCTIONAL NEEDS

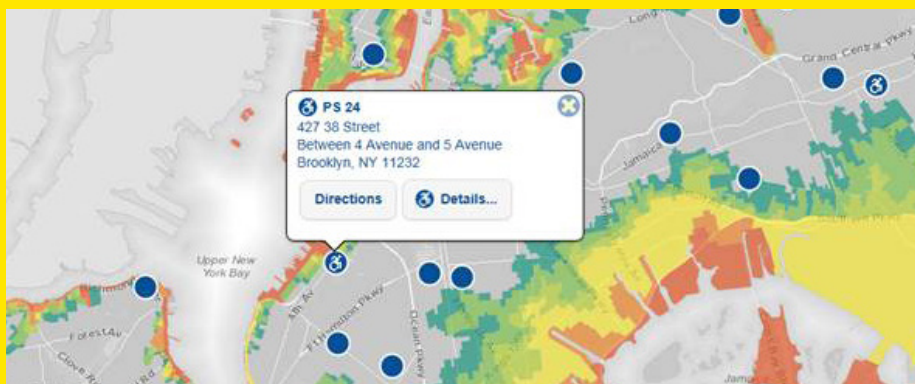
Make sure your plan addresses how your needs may affect your ability to evacuate, shelter in place, or communicate with emergency workers. Arrange help from family, friends, or service providers if you will need assistance. If you are unable to evacuate on your own ahead of a storm, contact 311 for transportation to a City evacuation center.

If you depend on power for life-sustaining equipment, plan to evacuate. You may lose power following a hurricane. Ask your utility company if your electric-powered medical equipment qualifies you to be listed as a life-sustaining equipment customer.

Allow additional travel time and consider your transportation, dietary, and medical needs (oxygen, extra batteries/chargers, eyeglasses, prescriptions, etc.). Bring all medications, important health information, and contact information for your health providers with you.

Sign up for Notify NYC to receive emergency notifications and updates via email, phone, SMS/text, or Twitter. Notify NYC messages are also available in American Sign Language. Also, be sure to consult NYC.gov/emergencymanagement for updated information.

KNOW YOUR ZONE



Visit the Hurricane Evacuation Zone Finder at NYC.gov/hurricanezones or call 311 (212-639-9675 for Video Relay Service, or TTY: 212-504-4115) to find out which hurricane evacuation zone you live in.

IF A STORM APPROACHES

Take the following steps to be prepared:

- Bring inside loose, lightweight objects, such as lawn furniture and garbage cans.
- Anchor objects that will be unsafe to bring inside, such as gas grills or propane tanks.
- Close windows and outside doors securely.
- Move valuable items from basements to upper floors. (Basements are vulnerable to flooding.)
- Charge cell phone batteries.
- Top off your vehicle and generator with fuel.
- Consider moving your vehicle to higher ground if you live in an evacuation zone.
- Turn your refrigerator and freezer to a colder setting. If you lose power, items that need refrigeration will stay cooler for longer.
- Fill your bathtub and other large containers with water – you may lose water service if the power goes out.
- Refill prescription medications.

Check on friends, relatives, and neighbors, especially older adults and people with disabilities, access and functional needs, or health conditions. Help them to prepare and evacuate if needed.



GATHER SUPPLIES

KEEP A GO BAG READY

Every household member should have a Go Bag – a collection of items you may need during an evacuation – packed in an easy-to-carry container such as a backpack.

Go Bag checklist: use the suggestions below to check off items as you include them in your Go Bag. Blank spaces have been provided for items you may want to add to the list, including medical devices and food for your dietary needs.

- Copies of your important documents in a waterproof and portable container (insurance cards, photo IDs, etc.)
- Extra set of car and house keys
- Cash and copies of credit/ATM cards
- Bottled water and nonperishable food, such as granola bars
- Flashlight
- Battery-operated AM/FM radio
- Extra batteries/chargers
- A list of medications you take, why you take them, and dosage
- Doctors' names and phone numbers
- First-aid kit
- Toiletries
- Contact and meeting place information for your household and a small local map
- Child care, pet care, and other special items
- Other personal items:

ASSEMBLE AN EMERGENCY SUPPLY KIT

You may need to shelter in place (stay at home) during and after a hurricane. Keep enough supplies in your home for up to seven days. Additionally, basic services such as electricity, water, public transportation, and telephones may be disrupted for several days or longer. Make sure that you have enough additional supplies for potential service outages.

Emergency supply kit checklist: use the suggestions below to check off items as you include them.

- One gallon of drinking water per person per day
- Nonperishable, ready-to-eat canned foods and manual can opener
- First-aid kit
- Flashlight
- Battery-operated AM/FM radio
- Extra batteries
- Whistle
- Iodine tablets or one quart of unscented bleach (for disinfecting water ONLY if directed to do so by health officials) and eyedropper (for adding bleach to water)
- Other items:

IF YOU MUST EVACUATE

IF THE CITY ISSUES AN EVACUATION ORDER FOR YOUR AREA, DO SO AS DIRECTED

The City will communicate specific instructions through local media about which areas of the city should evacuate. If a mandatory evacuation is issued, evacuate as directed. Use public transportation if possible, keeping in mind that public transportation may shut down hours before the storm. For additional information about how to evacuate, including accessible transportation options or assistance, please contact 311 (212-639-9675 for Video Relay Service, or TTY: 212-504-4115).

KNOW WHERE YOU WILL GO

The City strongly recommends evacuees stay with friends or family who live outside evacuation zones. For those who have no other shelter, the City will open evacuation centers throughout the five boroughs.

If you are going to an evacuation center, pack lightly, and bring:

- Your Go Bag
- Sleeping bag or bedding
- At least a week's supply of any medication (if possible), medical supplies, or medical equipment you use regularly
- Toiletries

Evacuation centers include accessible facilities and accommodations for people with disabilities and access and functional needs. For information about a particular facility, consult the Hurricane Evacuation Zone Finder at

NYC.gov/hurricanezones or contact 311. All evacuees will be accepted, and evacuees will not be asked about their immigration status at any New York City evacuation center.

IF YOU HAVE PETS

Make sure your disaster plan addresses what you will do with your pet if a hurricane requires you to leave your home.

If you cannot shelter your pet at a kennel or with friends or relatives outside the evacuation area, pets are allowed at all City evacuation centers. Please bring supplies to care for your pet or service animal, including food, leashes, a carrier, and medication.

IF YOU LIVE IN A BASEMENT

Basement apartment residents may face additional risks from hurricanes even if they live outside evacuation zone boundaries. Many areas of the city can experience rainfall flooding. If you live in a basement apartment, be prepared to take shelter above ground.

IF YOU LIVE IN A HIGH-RISE BUILDING

If you live in a high-rise building, especially on the 10th floor or above, stay away from windows in case they break or shatter. Or, move to a lower floor. Be aware of your building's evacuation plan.

Evacuate early if you rely on elevators to get out of your building. Elevators may be out of service and may not be available at all times.

IF YOU ARE NOT ORDERED TO EVACUATE

BE PREPARED TO LOSE POWER

Make sure you have all recommended items in your emergency supply kit in case you lose power or other basic services.

If you have concerns about how a loss of power, basic services, and public transportation may affect you, consider evacuating.

SHELTER IN PLACE

If you do not need to evacuate, shelter in place and make use of your emergency supply kit. Stay away from windows in case they break or shatter and stay indoors to avoid hurricane hazards.

This guide is also available in audio format and in the languages below.

ARABIC

للحصول على نسخة من هذا الدليل باللغة الانجليزية اتصل بـ 311 (معوقى السمع: 212-504-4115) أو قم بزيارة
NYC.gov/readyny

BENGALI

এই সহায়িকার একটি বাংলা প্রতিলিপি পেতে হলে, 311 (TTY: 212-504-4115) নম্বরে ফোন করুন অথবা NYC.gov/readyny দেখুন।

CHINESE

如欲索取中文版的指南，請致電311 (TTY: 212-504-4115) 或訪問NYC.gov/readyny。

ENGLISH

Call 311 or visit NYC.gov/readyny for copies of this guide in English.

FRENCH

Pour obtenir une copie en français de ce guide, appelez le 311 (TTY: 212-504-4115) ou visitez le site NYC.gov/readyny.

HAITIAN CREOLE

Pou jwenn yon kopi gid sa a nan lang Kreyòl Ayisyen, rele 311 (TTY: 212-504-4115) oswa ale nan sitwèb NYC.gov/readyny.

ITALIAN

Per ottenere una copia di questa guida in italiano, telefonare al numero 311 (TTY: 212-504-4115) o visitare il sito NYC.gov/readyny.

KOREAN

본 안내서의 한국어 사본을 받으시려면, 311 (TTY: 212-504-4115)로 전화하시거나 NYC.gov/readyny를 방문하십시오.

POLISH

W celu otrzymania polskiej kopii niniejszego przewodnika, należy zadzwonić pod nr 311 (nr dla osób z upośledzeniem słuchu: 212-504-4115) lub zajrzeć na stronę internetową NYC.gov/readyny.

RUSSIAN

Для того чтобы получить данную брошюру на русском языке, позвоните по телефону 311 (TTY: 212-504-4115) или посетите веб-сайт NYC.gov/readyny.

SPANISH

Llame al 311 (TTY: 212-504-4115) o visite NYC.gov/readyny para obtener acceso a este folleto en español.

URDU

اس ہدایت نامے کی انگریزی کاپی حاصل کریں، 311 (TTY: 212-504-4115) پر کال کریں یا
NYC.gov/readyny دیکھیں۔

YIDDISH

צו ערהאלטן א אידישע קאפיע פון דעם וועגווייזער, רופט 311 (TTY: 212-504-4115) אדער
באזוכט NYC.gov/readyny.

NEW YORK CITY HURRICANE EVACUATION ZONES

NYC EVACUATION CENTERS

BRONX

BRONX COMMUNITY COLLEGE 80 W. 181ST ST.	IS 201 730 BRYANT AVE.	PS 102 1827 ARCHER ST.
EVANDER CHILDS HS 800 E. GUN HILL RD.	LEHMAN COLLEGE 250 BEDFORD PARK BLVD. W.	PS 211 1919 PROSPECT AVE.
HS OF LAW, GOV'T & JUSTICE 244 E. EAST 163RD ST.	MS / HS 141 660 W. 237TH ST.	PS 306 40 W. TREMONT AVE.
IS 98 1619 BOSTON RD.	PS 5 564 JACKSON AVE.	PS / IS 218 1220 GERARD AVE.

MANHATTAN

BARUCH COLLEGE 155 E. 24TH ST.	HS OF GRAPHIC COMM ARTS 439 W. 49TH ST.	JOHN JAY COLLEGE 445 W. 59TH ST.
LOUIS D. BRANDEIS HS 145 W. 84TH ST.	HUNTER COLLEGE 695 PARK AVE.	JULIA RICHMAN ED. COMPLEX 317 EAST 67TH ST.
BREAD AND ROSES HS 6 EDGEcombe AVE.	IS 88 215 W. 114TH ST.	SEWARD PARK HS 350 GRAND ST.
CITY COLLEGE 181 CONVENT AVE.	IS 90 21 JUMEL PLACE	
GEORGE WASHINGTON HS 549 AUDUBON AVE.	IS 118 154 W. 93RD ST.	

QUEENS

JOHN ADAMS HS 101-01 ROCKAWAY BLVD.	GROVER CLEVELAND HS 21-27 HIMROD ST.	TOWNSEND HARRIS HS 149-11 MELBOURNE AVE.
AVIATION HS 45-30 36TH ST.	HILLCREST HS 160-05 HIGHLAND AVE.	QUEENSBOROUGH COMMUNITY COLLEGE 222-05 56TH AVE.
BAYSIDE HS 32-24 CORP. KENNEDY ST.	JHS 185 147-26 25TH DR.	WILLIAM C. BRYANT HS 48-01 31ST AVE.
BELMONT RACETRACK 2150 HEMPSTEAD TPKE.	NEWCOMERS HS 28-01 41ST AVE.	PS / IS 268 92-07 175TH ST.
FLUSHING HS 35-01 UNION ST.	NEWTOWN HS 48-01 90TH ST.	
FOREST HILLS HS 67-01 110TH ST.	PS 19 98-02 ROOSEVELT AVE.	

BROOKLYN

BOYS & GIRLS HS 1700 FULTON ST.	PS 24 427 38TH ST.	JOHN JAY HS 237 7TH AVE.
BROOKLYN TECH HS 29 FORT GREENE PLACE	IS 187 1171 65TH ST.	NYC TECHNICAL COLLEGE 300 JAY ST.
BUSHWICK HS 400 IRVING AVE.	IS 246 72 VERONICA PLACE	PS 189 1100 E. NEW YORK AVE.
CLARA BARTON HS 901 CLASON AVE.	IS 271 1137 HERKIMER ST.	PS 249 18 MARLBOROUGH RD.
FRANKLIN K. LANE HS 999 JAMAICA AVE.	IS 383 1300 GREENE AVE.	PS 327 111 BRISTOL ST.
IS 117 300 WILLOUGHBY AVE.	JHS 57 125 STUYVESANT AVE.	FRANKLIN D. ROOSEVELT HS 5800 20TH AVE.

STATEN ISLAND

CURTIS HS 105 HAMILTON AVE.	IS 75 455 HUGUENOT AVE.	PS 58 77 MARSH AVE.
IS 51 20 HOUSTON ST.	PETRIDES COMPLEX 715 OCEAN TERRACE	

VISIT NYC.GOV/HURRICANEZONES OR CALL **311** TO FIND OUT IF YOU LIVE IN A HURRICANE EVACUATION ZONE.

KNOW YOUR ZONE*

1. Determine whether you live in an evacuation zone by using the Hurricane Evacuation Zone Finder at NYC.gov/hurricanezones, calling 311 (212-639-9675 for Video Relay Service, or TTY: 212-504-4115), or consulting this map. If your address is in one of the City's hurricane evacuation zones, you may be ordered to evacuate if a hurricane threatens New York City.

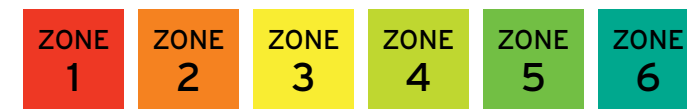
2. Evacuees should be prepared to stay with friends or family who live outside evacuation zone boundaries.

3. If you cannot stay with friends or family, use the Finder, call 311 (212-639-9675 for Video Relay Service, or TTY: 212-504-4115), or use this map to identify which evacuation center is most appropriate for you.

* Evacuation information is subject to change. For the latest information, visit NYC.gov or call 311 (212-639-9675 for Video Relay Service, or TTY: 212-504-4115). Visit the MTA's website at www.mta.info or call 511 for the latest transit information. If you need assistance evacuating during a coastal storm evacuation, please call 311.

HURRICANE EVACUATION ZONES**

When a coastal storm is approaching, the City may order the evacuation of neighborhoods in danger of flooding from storm surge, starting with Zone 1 and adding more zones as needed. Zones will be evacuated depending on life safety-related threats from a hurricane's forecasted strength, track, and storm surge.



- Evacuation centers
- ⓐ Accessible evacuation centers

** Information on evacuation centers, including accessibility features, is subject to change. Please visit NYC.gov/hurricanezones or contact 311 for updated reports on building status and accessibility features.

Flood zones are used to set flood insurance rates and building regulations. Residents should **not** use flood zones to determine the need to evacuate during coastal storms. The City will determine which of the hurricane evacuation zones (from Zone 1 up through Zone 6) should be evacuated based on the characteristics of an actual storm as it is approaching the city. For more information about flood zones, visit NYC.gov/floodmaps or www.floodhelpny.org.

