

# New York City Hurricane Evacuation Zones

## ESRI Shapefile



## Tags

New York, New York City, Zones, Hurricane, Evacuation, Zone, LIONdistricts, Monthly

## Summary

These zones were created by the NYC Office of Emergency Management and given to the Department of City Planning for maintenance. The Hurricane Evacuation Zones (HEZ) represent varying threat levels of flooding resulting from storm surge.

## Description

New York City's hurricane contingency plans are based on six evacuation zones. For more information visit NYC.gov or call 311 (TTY: 212-504-4155).

Hurricane evacuation zones should not be confused with flood insurance risk zones, which are designated by FEMA and available in the form of Flood Insurance Rate Maps (FIRMs).

- The 21B2 version is a preliminary release of the HEZ for the 2021 season.
- This 21B2 HEZ release does not conflate with the 21B release of other DCP geographies.
- A final version of the HEZ for the 2021 season is expected to be released in 21C, in early August.

## Credits

Department of City Planning (DCP), New York City Emergency Management (NYCEM)

## Use limitations

This dataset is being provided by the Department of City Planning (DCP) on DCP's website for informational purposes only. DCP does not warranty the completeness, accuracy, content, or fitness for any particular purpose or use of the dataset, nor are any such warranties to be implied or inferred with respect to the dataset as furnished on the website. DCP and the City are not liable for any deficiencies in the completeness, accuracy, content, or fitness for any particular purpose or use the dataset, or applications utilizing the dataset, provided by any third party.

## Extent

**West** -74.260380 **East** -73.699206

**North** 40.917691 **South** 40.485808

### Scale Range

**Maximum (zoomed in)** 1:5,000

**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata ▶

### Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE boundaries

\* CONTENT TYPE Downloadable Data

PLACE KEYWORDS Bronx, Richmond, New York, Queens, Staten Island, New York City, Brooklyn, Kings, Manhattan

THEME KEYWORDS Hurricane, Evacuation, Zone

*Hide Topics and Keywords ▲*

### Citation ▶

TITLE New York City Hurricane Evacuation Zones

CREATION DATE 2021-05-25 13:11:55

PUBLICATION DATE 2021-06-01 13:11:58

EDITION 21B2

PRESENTATION FORMATS \* digital map

SERIES

NAME BYTES of the BIG APPLE

ISSUE 21B2

OTHER CITATION DETAILS

No major changes since previous version.

*Hide Citation ▲*

### Citation Contacts ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME New York City Department of City Planning

CONTACT'S ROLE publisher

RESPONSIBLE PARTY

ORGANIZATION'S NAME New York City Office of Emergency Management

CONTACT'S ROLE originator

*Hide Citation Contacts ▲*

## Resource Details ▶

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.0.8321

### CREDITS

Department of City Planning (DCP), New York City Emergency Management (NYCEM)

### ARCGIS ITEM PROPERTIES

\* NAME nyhez

\* SIZE 2.888

LOCATION withheld

\* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ▶

### EXTENT

#### DESCRIPTION

ground condition

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -74.260380

\* EAST LONGITUDE -73.699206

\* NORTH LATITUDE 40.917691

\* SOUTH LATITUDE 40.485808

\* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 912287.068800

\* EAST LONGITUDE 1067382.508400

\* SOUTH LATITUDE 116411.371400

\* NORTH LATITUDE 273617.843200

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ▶

### POINT OF CONTACT

ORGANIZATION'S NAME New York City Department of City Planning

CONTACT'S ROLE point of contact

### CONTACT INFORMATION ▶

#### ADDRESS

TYPE both

DELIVERY POINT 120 Broadway, 31st Floor

CITY New York

ADMINISTRATIVE AREA NY

POSTAL CODE 10271  
COUNTRY US

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

RESOURCE MAINTENANCE  
UPDATE FREQUENCY quarterly

[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

LEGAL CONSTRAINTS

OTHER CONSTRAINTS

The data is freely available to all New York City agencies and the public.

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CONSTRAINTS

LIMITATIONS OF USE

This dataset is being provided by the Department of City Planning (DCP) on DCP's website for informational purposes only. DCP does not warranty the completeness, accuracy, content, or fitness for any particular purpose or use of the dataset, nor are any such warranties to be implied or inferred with respect to the dataset as furnished on the website. DCP and the City are not liable for any deficiencies in the completeness, accuracy, content, or fitness for any particular purpose or use the dataset, or applications utilizing the dataset, provided by any third party.

[Hide Resource Constraints ▲](#)

## Spatial Reference ►

ARCGIS COORDINATE SYSTEM

\* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983

\* PROJECTION NAD\_1983\_StatePlane\_New\_York\_Long\_Island\_FIPS\_3104\_Feet

\* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102718

X ORIGIN -120039300

Y ORIGIN -96540300

XY SCALE 37212589.015695661

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.0032808333333333331

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 2263  
 WELL-KNOWN TEXT PROJCS  
 ["NAD\_1983\_StatePlane\_New\_York\_Long\_Island\_FIPS\_3104\_Feet",GEOGCS  
 ["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID  
 ["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT  
 ["Degree",0.0174532925199433]],PROJECTION["Lambert\_Conformal\_Conic"],PARAMETER  
 ["False\_Easting",984250.0],PARAMETER["False\_Northing",0.0],PARAMETER  
 ["Central\_Meridian",-74.0],PARAMETER  
 ["Standard\_Parallel\_1",40.66666666666666],PARAMETER  
 ["Standard\_Parallel\_2",41.03333333333333],PARAMETER  
 ["Latitude\_Of\_Origin",40.16666666666666],UNIT  
 ["Foot\_US",0.3048006096012192],AUTHORITY["EPSG",2263]]

#### REFERENCE SYSTEM IDENTIFIER

- \* VALUE 2263
- \* CODESPACE EPSG
- \* VERSION 5.3(9.0.0)

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

#### VECTOR ►

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

- FEATURE CLASS NAME nyhez
- \* OBJECT TYPE composite
  - \* OBJECT COUNT 8

[Hide Vector ▲](#)

#### ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME nyhez
- \* FEATURE TYPE Simple
  - \* GEOMETRY TYPE Polygon
  - \* HAS TOPOLOGY FALSE
  - \* FEATURE COUNT 8
  - \* SPATIAL INDEX FALSE
  - \* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Data Quality ►

#### SCOPE OF QUALITY INFORMATION ►

- RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

#### DATA QUALITY REPORT - COMPLETENESS OMISSION ►

##### MEASURE DESCRIPTION

These data are accurate as of the redistricting after the US Census 2010.

[Hide Data quality report - Completeness omission ▲](#)

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ►  
 DIMENSION horizontal

MEASURE DESCRIPTION

The Hurricane Evacuation Zones are created from the same release version of the Department of City Planning LION file. The LION file is spatially aligned with NYCMaP aerial photography.

[Hide Data quality report - Absolute external positional accuracy ▲](#)

[Hide Data Quality ▲](#)

## Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME New York City Department of City Planning  
 CONTACT'S ROLE distributor

CONTACT INFORMATION ►

ADDRESS

TYPE both  
 DELIVERY POINT 120 Broadway, 31st Floor  
 CITY New York  
 ADMINISTRATIVE AREA New York  
 POSTAL CODE 10271  
 COUNTRY US

CONTACT INSTRUCTIONS

Available at the following website: <https://www1.nyc.gov/site/planning/data-maps/open-data.page>

[Hide Contact information ▲](#)

ORDERING PROCESS

TERMS AND FEES Free

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

NAME ESRI Shapefile  
 VERSION Open Specification

TRANSFER OPTIONS

\* TRANSFER SIZE 2.888

ONLINE SOURCE

LOCATION <https://www1.nyc.gov/site/planning/data-maps/open-data.page>

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT [nyhez](#) ►

\* TYPE Feature Class

\* ROW COUNT 8

FIELD [FID](#) ►

\* ALIAS FID

\* DATA TYPE OID

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Internal feature number.

\* DESCRIPTION SOURCE

Esri

\* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field FID ▲](#)

FIELD [Shape](#) ►

\* ALIAS Shape

\* DATA TYPE Geometry

\* WIDTH 0

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Feature geometry.

\* DESCRIPTION SOURCE

ESRI

\* DESCRIPTION OF VALUES

Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD [HURRICANE\\_](#) ►

\* ALIAS HURRICANE\_

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

[Hide Field HURRICANE\\_ ▲](#)

## FIELD Shape\_Leng ▶

- \* ALIAS Shape\_Leng
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0

[Hide Field Shape\\_Leng ▲](#)

## FIELD Shape\_Area ▶

- \* ALIAS Shape\_Area
- \* DATA TYPE Double
- \* WIDTH 19
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Area of feature in internal units squared.
- \* DESCRIPTION SOURCE  
ESRI
- \* DESCRIPTION OF VALUES  
Positive real numbers that are automatically generated.

[Hide Field Shape\\_Area ▲](#)

[Hide Details for object nyhez ▲](#)

[Hide Fields ▲](#)

**Metadata Details ▶**

METADATA LANGUAGE English (UNITED STATES)  
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset  
SCOPE NAME \* dataset

\* LAST UPDATE 2021-06-01

## ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2021-05-25 13:13:49  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-06-01 12:35:33

## AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2021-06-01 11:55:23



[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

ORGANIZATION'S NAME New York City Department of City Planning  
CONTACT'S ROLE point of contact

### CONTACT INFORMATION ►

#### ADDRESS

TYPE both  
DELIVERY POINT 120 Broadway, 31st Floor  
CITY New York  
ADMINISTRATIVE AREA New York  
POSTAL CODE 10271  
COUNTRY US

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

### MAINTENANCE

UPDATE FREQUENCY quarterly

[Hide Metadata Maintenance ▲](#)

## Thumbnail and Enclosures ►

### THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

## FGDC Metadata (read-only) ▼