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 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).

Credits
Department of City Planning, Office of Emergency Management.

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**  
4/24/2020 9:56:35 AM

**Publication date**  
5/18/2020 9:56:42 AM

**Edition**  
20B

**Presentation formats**  
* digital map

**Series**
- **Name**  
BYTES of the BIG APPLE  
- **Issue**  
20B

**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 10.2.0.3348

CREDITS
Department of City Planning, Office of Emergency Management.

ARCgis item properties
* NAME nyhez
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 1067382.508600
* 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

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**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** 10000
    - **Z ORIGIN** -100000
    - **Z SCALE** 10000
    - **M ORIGIN** -100000
    - **M SCALE** 10000
    - **XY TOLERANCE** 0.00020000000000000001
    - **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
  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** 8.1.1

**Spatial Data Properties**

**VECTOR**
- **LEVEL OF TOPOLOGY FOR THIS DATASET** geometry only

**GEOMETRIC OBJECTS**
- **FEATURE CLASS NAME** nyhez
- **OBJECT TYPE** composite
Data Quality

SCOPE OF QUALITY INFORMATION
RESOURCE LEVEL dataset

DATA QUALITY REPORT - COMPLETENESS OMISSION
MEASURE DESCRIPTION
These data are accurate as of the redistricting after the US Census 2010.

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.

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

ORDERING PROCESS
  TERMS AND FEES Free

DISTRIBUTION FORMAT
  NAME ESRI Shapefile
  VERSION Open Specification

TRANSFER OPTIONS
  ONLINE SOURCE
  LOCATION https://www1.nyc.gov/site/planning/data-maps/open-data.page

Fields

DETAILS FOR OBJECT nyhez
  * TYPE Feature Class
  * ROW COUNT 8

FIELD OBJECTID
  * ALIAS OBJECTID
  * 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.
**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_EVACUATION_ZONE**

* ALIAS Hurricane Evacuation Zone
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

Hide Field HURRICANE_EVACUATION_ZONE ▲

**FIELD Shape_Length**

* ALIAS Shape_Length
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
  Length of feature in internal units.

* DESCRIPTION SOURCE
  Esri

* DESCRIPTION OF VALUES
  Positive real numbers that are automatically generated.

Hide Field Shape_Length ▲

**FIELD Shape_Area**

* ALIAS Shape_Area
* DATA TYPE Double
* WIDTH 8
* 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.

**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**  2020-05-13

**ARCGIS METADATA PROPERTIES**
**METADATA FORMAT**  ArcGIS 1.0

**CREATED IN ARCGIS FOR THE ITEM**  2020-05-13 09:59:50
**LAST MODIFIED IN ARCGIS FOR THE ITEM**  2020-05-13 10:06:16

**AUTOMATIC UPDATES**
**HAVE BEEN PERFORMED**  Yes
**LAST UPDATE**  2020-05-13 10:06:16

**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
Metadata Maintenance

MAINTENANCE
UPDATE FREQUENCY quarterly

Hide Metadata Maintenance ▲