Hurricane evacuation zones

Frequently-asked questions:

What does this data set describe?

Title:
Hurricane evacuation zones

Abstract:
Hurricane evacuation zones used for communicating evacuation orders to the public. These zones indicate the areas at most risk of flooding due to storm surge during a hurricane. Zone A is the most at risk, followed by zone B, and then zone C.

Supplemental information:
This information has been made available through the Big Apps NYC Data Mine
http://www.nyc.gov/html/datamine/html/home/home.shtml.

1. **How should this data set be cited?**

New York City Office of Emergency Management, August 2010, Hurricane evacuation zones.

2. **What geographic area does the data set cover?**

    Bounding coordinates:
    West: -74.257174
    East: -73.724035
    North: 40.900564
    South: 40.496034

3. **What does it look like?**

4. **Does the data set describe conditions during a particular time period?**

    Calendar date: August 2010
    Currentness reference:
    publication date

5. **What is the general form of this data set?**

    Geospatial data presentation form: vector digital data

6. **How does the data set represent geographic features?**

    a. **How are geographic features stored in the data set?**

        This is a Vector data set. It contains the following vector data types (SDTS terminology):
        - G-polygon (156)

    b. **What coordinate system is used to represent geographic features?**

        The map projection used is Lambert Conformal Conic.

        Projection parameters:
        Standard parallel: 40.666667
        Standard parallel: 41.033333
        Longitude of central meridian: -74.000000
        Latitude of projection origin: 40.166667
        False easting: 984250.000000
        False northing: 0.000000

        Planar coordinates are encoded using coordinate pair.
        Abscissae (x-coordinates) are specified to the nearest 0.000000.
        Ordinates (y-coordinates) are specified to the nearest 0.000000.
        Planar coordinates are specified in survey feet.

        The horizontal datum used is North American Datum of 1983.
        The ellipsoid used is Geodetic Reference System 80.
        The semi-major axis of the ellipsoid used is 6378137.000000.

The flattening of the ellipsoid used is 1/298.257222.

7. **How does the data set describe geographic features?**

    OEM_HurricaneEvacZones_001

    FID

    Internal feature number. (Source: ESRI)

    Sequential unique whole numbers that are automatically generated.

    Shape

    Feature geometry. (Source: ESRI)

    Coordinates defining the features.

    ZONE

    Hurricane evacuation zone

    Shape_Leng
    Shape_area

    Area of feature in internal units squared. (Source: ESRI)

    Positive real numbers that are automatically generated.

[Back to Top](#)

Who produced the data set?

1. **Who are the originators of the data set?** (may include formal authors, digital compilers, and editors)

    o New York City Office of Emergency Management

2. **Who also contributed to the data set?**

3. **To whom should users address questions about the data?**

    New York City Office of Emergency Management

[Back to Top](#)

Why was the data set created?

To prepare for a hurricane or coastal storm.

[Back to Top](#)

How was the data set created?

1. **Where did the data come from?**

2. **What changes have been made?**

How reliable are the data; what problems remain in the data set?

1. **How well have the observations been checked?**

2. **How accurate are the geographic locations?**

3. **How accurate are the heights or depths?**

4. **Where are the gaps in the data? What is missing?**

5. **How consistent are the relationships among the observations, including topology?**

How can someone get a copy of the data set?

Are there legal restrictions on access or use of the data?

Access constraints: None
Use constraints:
     None. Subject to change.

Distributor 1 of 1

1. **Who distributes the data set?**

2. **What's the catalog number I need to order this data set?**

   Downloadable Data

3. **What legal disclaimers am I supposed to read?**

4. **How can I download or order the data?**

   o **Availability in digital form:**

      Data format: Size: 1.474

5. **Is there some other way to get the data?**

6. **What hardware or software do I need in order to use the data set?**

Who wrote the metadata?

Dates:

Last modified: 20100907

Metadata author:
New York City Office of Emergency Management
165 Cadman Plaza East
Brooklyn, NY 11201

Metadata standard:
FGDC Content Standards for Digital Geospatial Metadata (FGDC-STD-001-1998)

Metadata extensions used:
- http://www.esri.com/metadata/esriprof80.html

Back to Top