# Identification information

* **Originator**: Connecticut Institute for Resilience and Climate Adaptation (Circa)
* **Title**: Connecticut coastal vulnerability map: Aquifer Potential.
* **Geospatial Data Presentation Form**: Raster and vector digital data
* **Link**: Circa Main Server *D:\Arcmap*

**Abstract**: This data table defines the Connecticut coastal vulnerability given by aquifer potential. The texture and thickness in each feature are in fields *THICKNS\_F and TEXTURE.* It has been divided in different categories, ranking from 1(less vulnerable) to 5 (most vulnerable). If the feature does not have information the rank is zero and *THICKNS\_F and TEXTURE* are *empty*.

|  |  |  |
| --- | --- | --- |
| **Rank** | **Texture** | **Thickness** |
| 1 | Fine | |  |  | | --- | --- | | 0-50 |  | |
| 2 | Fine | |  |  | | --- | --- | | 100-200 |  | |
| 2.5 | Fine | |  | | --- | | 200-300 | |
| 2.75 | Fine | |  | | --- | | 300-400 | |
| 3 | Coarse/coarse overlying fine | |  |  | | --- | --- | | 0-50 |  | |
| 3.5 | Coarse/coarse overlying fine | |  |  | | --- | --- | | 50-100 |  | |
| 4 | Coarse/coarse overlying fine | 100-200 |
| 4.5 | Coarse/coarse overlying fine | 200-300 |
| 5 | Coarse/coarse overlying fine | 300-400 |
| 5 | Coarse/coarse overlying fine | 400-500 |
|  |

* **Spatial Domain**:

north bounding: 4697924.651800 (m)

south bounding: 4623524.749677 (m)

east bounding: 1770933.490928 (m)

west bounding: 1615533.539872 (m)

* **Place:**

United States

Connecticut Coastal Cities

# Entity and attribute information

## Layers

**Data Type**; Shapefile Feature Class

**Shapefile:** D:\Arcmap\ct\_Index\grid\_100\_square200\Final\_Indicators\new\SURFICIAL\_AQUIFER\_POTENTIALNEW.shp

**Geometry Type**: Polygon

**Field:**

*FID*: Unique identifier of an object within the table

*Shape*: Feature geometry

*BUFF\_DIST*: the distance used to buffer each feature in the linear unit of the input features coordinate system

*ORIG\_FID*: field that contains the feature ID of the input feature for which the buffer was created

*cogs*: Council of Government that refers to the center of each feature

*city*: city that refers to the center of each feature

*Lon1*: longitude coordinate of the center of each feature decimal degree

*Lat1*: latitude coordinate of the center of each feature, decimal degree

*x: coordinate of the center of each feature in horizontal domain, meters*

*y: coordinate of the center of each feature in vertical domain, meters*

*rank: rank of coastal vulnerability given by aquifer potential*

*THICKNS\_FT: aquifer thickness within each feature*

*TEXTURE: aquifer texture within each feature*

**Key words:** Aquifer Potential, Connecticut, CIRCA, coastal vulnerability

# Metadata Reference Information

* **Author**: Caterina Massidda
* **Data:** 4/5/2019