

Old Lyme FEMA Flood Zones - Map Modernization Mapping Program

New Data

Areas That Have Undergone FEMA's Flood Map Modernization Mapping Program

Zone A - is the flood insurance risk zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no BFEs or depths are shown within this zone.

Zone AE - is the flood insurance risk zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by detailed methods. In most instances, BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone AH - is the flood insurance risk zone that corresponds to the areas of 1-percent-annual-chance shallow flooding with a constant water-surface elevation (usually areas of ponding) where average depths are between 1 and 3 feet. The BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone. A description of technical methods used to identify these areas is provided in Appendix E of these Guidelines.

Zone AO - is the flood insurance risk zone that corresponds to the areas of 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are between 1 and 3 feet. The depth should be averaged along the cross section and then along the direction of flow to determine the extent of the zone. Average depths derived from the detailed hydraulic analyses are shown within this zone. A description of technical methods used to identify these areas is provided in Appendix E of these Guidelines. In addition, alluvial fan flood hazards are shown as Zone AO on the FIRM. For a comprehensive description of alluvial fan studies, refer to Appendix G of these Guidelines.

Zone A99 - is the flood insurance risk zone that corresponds to areas of the 1-percent-annual-chance floodplain that will be protected by a Federal flood protection system where construction has reached specified statutory milestones. No BFEs or depths are shown within this zone.

Zone AR - is the flood insurance risk zone that corresponds to areas of special flood hazard that results from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide a 1-percent-annual-chance or greater level of flood protection.

Zone ARIA, ARAE, ARAO, and ARIAH - are dual flood insurance risk zones that correspond to areas of special flood hazard that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide a 1-percent-annual-chance or greater level of flood protection. The dual-zone designation indicates that some residual 1-percent-annual-chance flooding will occur after the levee system has been restored and is credited with providing 1-percent-annual-chance flood protection.

Map Modernization Program FEMA Flood Zones

0.2 PCT ANNUAL CHANCE OF FLOOD HAZARD

- A
- AE
- AO
- VE
- X

Zone V - is the flood insurance risk zone that corresponds to the 1-percent-annual-chance coastal floodplains that have additional hazards associated with storm waves. Because approximate hydraulic analyses are performed for such areas, no BFEs are shown within this zone.

Zone VE - is the flood insurance risk zone that corresponds to the 1-percent-annual-chance coastal floodplains that have additional hazards associated with storm waves. BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone X - is the flood insurance risk zone that corresponds to areas outside the 1-percent-annual-chance floodplain, and areas of 1-percent-annual-chance sheet flow flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1-percent-annual-chance flow by levees. No BFEs or depths are shown within this zone.

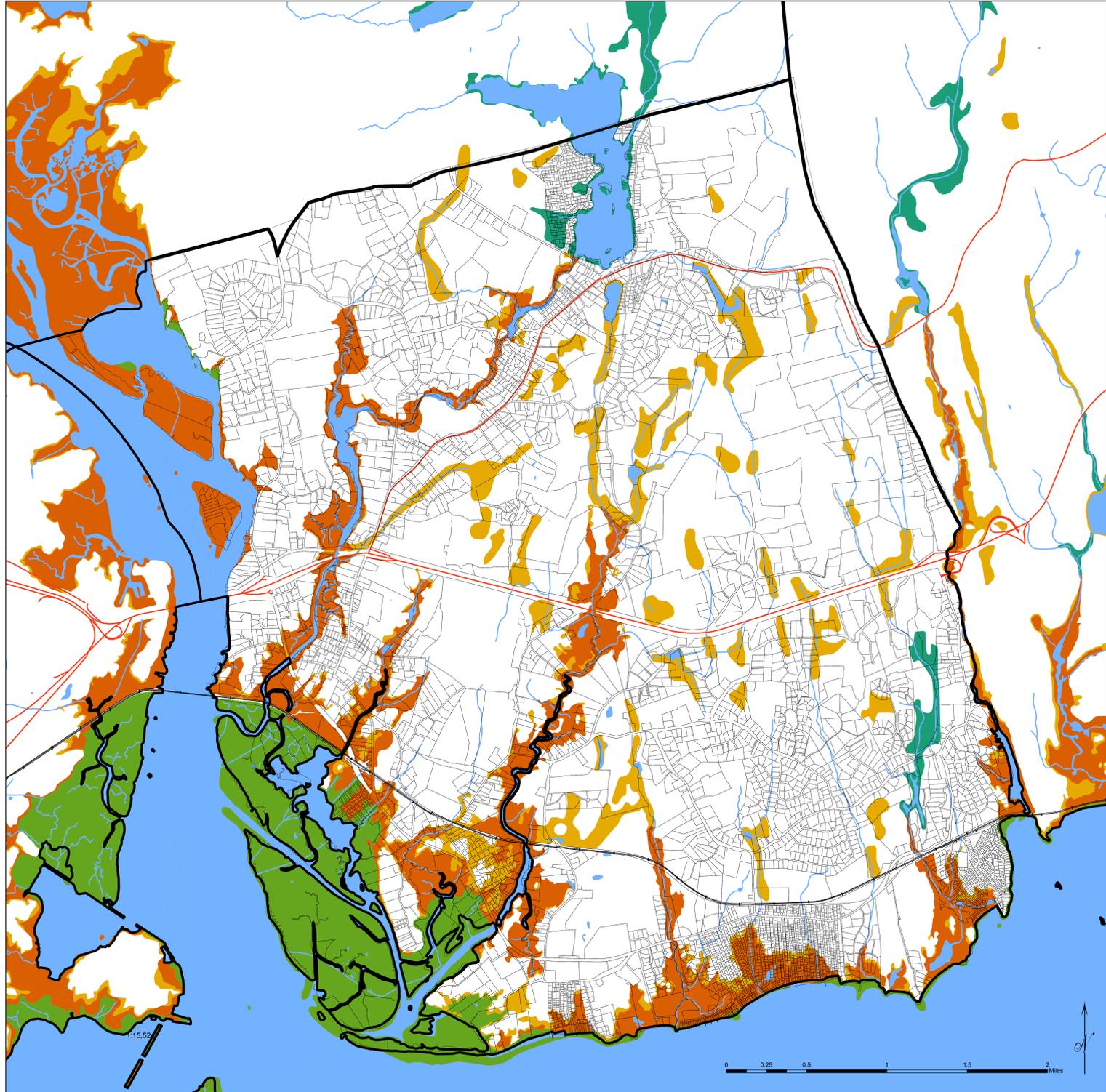
Zone D - is the flood insurance risk zone that corresponds to unstudied areas where flood hazards are undetermined, but possible. Zone D designation may not be used in Flood Insurance Studies unless otherwise approved by the Regional Project Officer. It should be noted that the Mapping Partner is not required to perform a flood hazard factor analysis and subsequent Zone A1-A30 or AE determination even though this information may currently be reflected on a community's FIRM published in the non-map initiative format.

If community officials request that FEMA show future-conditions flood hazard information on the FIRM, the future-conditions flood insurance risk zone—Zone X (Future Base Flood)—shall be referenced on the FIRM and in the FIS report. Zone X (Future Base Flood) shall be defined in the FIRM legend and in the FIS report as follows:

Zone X - (Future Base Flood) is the flood insurance risk zone that corresponds to the 1-percent-annual-chance floodplains that are determined based on future-conditions hydrology. No BFEs or base flood depths are shown within this zone.

0.2 Percent Annual Chance Flood Hazard - 500 year flood zone.

For information concerning the FEMA Map Modernization Program go to: http://www.fema.gov/plani/prevent/firm_main.shtm



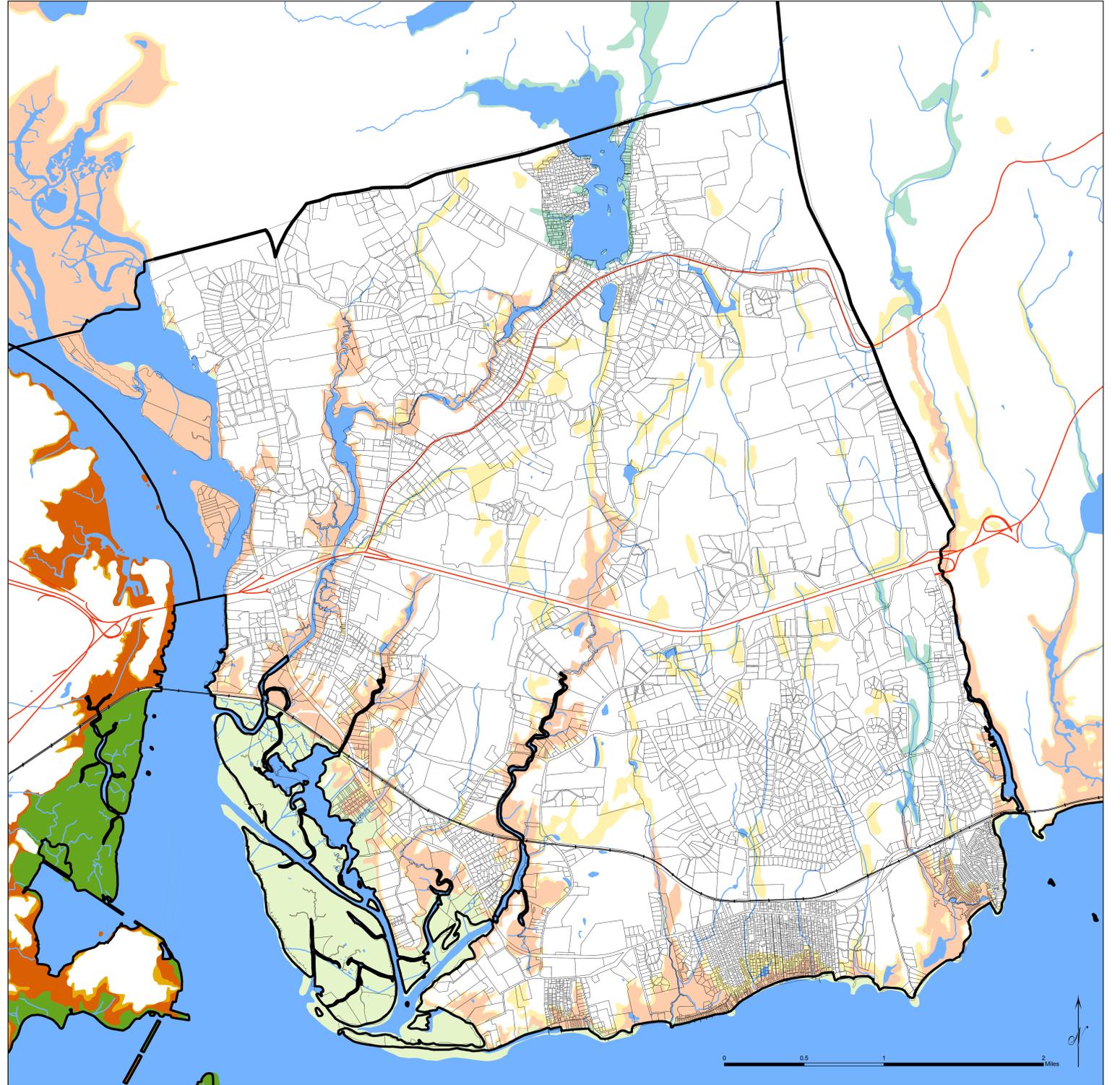
Old Data

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM)

Publisher: FEMA

This is a data layer of FEMA Flood Insurance Rate Maps (FIRMs) in Connecticut. Also known as Q3 Flood Data, based on FEMA's classification system, this data layer is not tied to a base map, and, as such, inaccuracies may exist when overlain with DEP data layers developed from other sources. Therefore, the user must exercise caution in relying on the absolute position of the zones in this data layer relative to other displayed data layers. This data layer is designed to provide guidance and a general proximity of the location of Special Flood Hazard Areas (SFHA). The FEMA website provides more detailed information on this flood data. Flood insurance studies for individual towns within the state are also available on CD's from FEMA.

The Q3 Flood Data do not replace the existing hardcopy FIRM, or, if one exists, DFIRM (Digital FIRM) product. The product has been designed to support planning activities, some Community Rating System (CRS) activities and insurance marketing.



The Q3 Flood Data product has limited application for engineering analysis, particularly for site design, or rating of flood insurance policies for properties located within SFHAs.

This data layer was developed by scanning and vectorizing the existing hardcopy FIRM to create a thematic overlay of flood risks. Q3 Flood Data contain only certain features from the existing hardcopy FIRM. These features include the 100-year and 500-year floodplain boundaries, Coastal Barrier Resources Act boundaries, political boundaries, FIRM panel nestlines, and 7.5-minute quadrangle nestlines. They are designed to answer basic input queries, but do not provide Base Flood Elevations.

Edge-matching errors, overlaps and underlaps in coverage, and similar problems are not corrected during digitizing or scanning and vectorizing. The specifications for the horizontal control of Q3 Flood Data vector data are consistent with those required for mapping at the scale of 1:24,000.

As with the FIRM D.L.G., the Q3 Flood Data are not tied to a base map, are not used to produce a new version of the hardcopy FIRM, and are not subjected to community review. Q3 Flood Data are intended to provide users with automated flood risk data suitable for input queries.

The Q3 Flood Data product can be a valuable tool to assist in screening property addresses within a GIS to determine flood risks. However, as the geographic processing performed to develop the Q3 Flood Data may introduce differences with the source hardcopy FIRMs, users must apply considerable care and judgment in the application of this product. For instance, the Q3 Flood Data may be overlaid on highly detailed large scale community base mapping data, but, if parcel level determinations are made, they must be prefaced with information about the accuracy of the data from which they are derived.

Zone Description

A - An area inundated by 100-year flooding, for which no base flood elevations have been determined.

AE - An area inundated by 100-year flooding, for which base flood elevations have been determined.

AH - An area inundated by 100-year flooding, (usually areas of ponding), for which base flood elevations have been determined. Flood depths range from 1 to 3 feet.

AO - An alluvial fan inundated by 100-year flooding (usually sheet flow on sloping terrain), for which average flood depths and velocities have been determined; flood depths range from 1 to 3 feet.

D - An area of undetermined but possible flood hazards.

V - An area inundated by 100-year flooding with velocity hazard (wave action); no base flood elevations have been determined.

VE - An area inundated by 100-year flooding with velocity hazard (wave action); base flood elevations have been determined.

FW - Floodway areas in Zone AE.

X-500 - An area inundated by 500-year flooding; an area inundated by 100-year flooding with average depths of less than 1 foot or with drainage areas less than 1 square mile; or an area protected by levees from 100-year flooding.

COBRA_IN - Undeveloped coastal barriers which are normally located within or adjacent to special flood hazard areas.

Older FEMA Flood Zones

- A
- AE
- AH
- AO
- D
- VE
- X500

Base Data

- Parcels
- Intermittent Water
- Water
- Streams
- Primary Roads
- Railroad

Data Source:
Base data layers and older FEMA Flood data provided by CT DEP.
Map Modernization Program Data provided by FEMA.
Parcel data provided by Town of Old Lyme.



This map should only be used for planning purposes.
Prepared by: Margot Burns, CRERPA

For more information on this older data set go to:
http://www.ct.gov/dep/crwp/view.asp?w=2688&q=323088&depNav_GID=1707