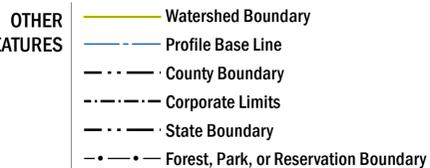
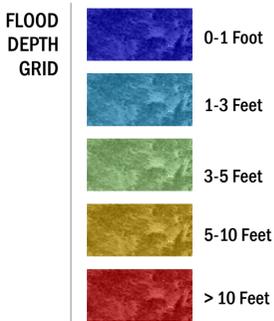




**FLOOD HAZARD INFORMATION**



**NOTES TO USERS**

For information and questions about this map, available products associated with this Flood Risk Map, please call the FEMA Regional Service Center at 1-617-874-4402.

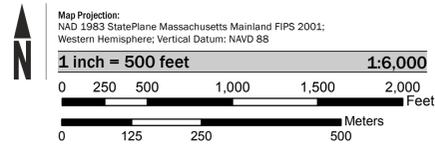
The information on this map is for information purposes only and is not subject to regulations. The information represents the Flood Risk Products and is intended for use in Mitigation and Planning.

Basemap information shown on this FIRM was derived from digital orthophotography. Basemap files were provided in digital form by Massachusetts Geographic Information System (MassGIS). Ortho imagery was produced at a scale of 1:5000 and is dated April 2008. The projection used in the preparation of this map is Massachusetts State Plane Mainland (FIPSZONE2001). The horizontal datum is NAD 83, GRS1980 spheroid.

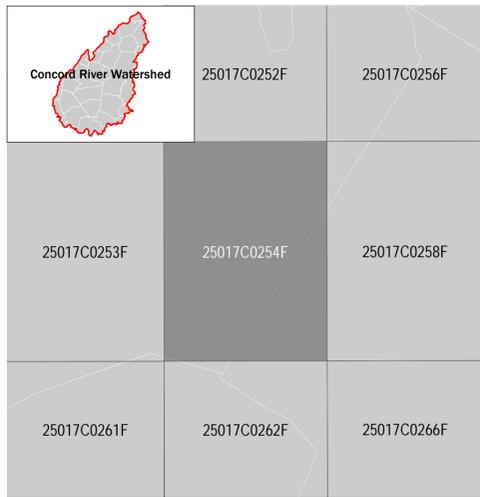
**Flood Zone Definitions:**  
Special Flood Hazard Area (SFHA) - The land area covered by the floodwaters of the base flood is the Special Flood Hazard Area (SFHA) on NFIP maps. The SFHA is the area where the NFIP's floodplain management regulations must be enforced and the area where the mandatory purchase of flood insurance applies. The SFHA includes Zones A, AO, AH, A1-30, AE, A99, AR, ARA1-30, ARAE, ARAO, ARAH, ARA, VO, V1-30, VE, and V Shaded X - Moderate flood hazard areas, labeled Zone B or Zone X (shaded) are also shown on the FIRM, and are the areas between the limits of the base flood and the 0.2-percent-annual-chance (or 500-year) flood. Unshaded X - The areas of minimal flood hazard, which are the areas outside the SFHA and higher than the elevation of the 0.2-percent-annual-chance flood, are labeled Zone C or Zone X (unshaded).

**Risk Product Definitions:**  
Flood Depth Grid - The multi-frequency flood depth and analysis grids show depth—calculated as the difference (in feet) between the water surface elevation and the ground—and relies on the Water Surface Elevation Grid. Four grids will be delivered for riverine (non-leveed) areas for the standard flood frequencies (10-, 2-, 1-, and 0.2-percent-annual-chance). Coastal and levee areas only receive the 1-percent-annual-chance grid.

**SCALE**



**PANEL LOCATOR**



\*PANEL NOT PRINTED

**FEMA**  
National Flood Insurance Program

**NATIONAL FLOOD INSURANCE PROGRAM**  
FLOOD RISK PRODUCT

1% ANNUAL CHANCE FLOOD DEPTH GRID  
Concord River Watershed

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COMMUNITY	NUMBER	PANEL	SUFFIX
Town of Billerica	250183	0254	F
Town of Carlisle	250187	0254	F
Town of Chelmsford	250188	0254	F

MAP NUMBER  
**25017C0254F**  
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