

NOTES TO USERS

is for use in administering the National Flood Insurance Program. It is necessary to identify all areas subject to flooding, particularly from local sources of small size. The community map repository should be updated for possible updated or additional flood hazard information.

In more detailed information in areas where **Base Flood Elevations** and/or **floodways** have been determined, users are encouraged to consult Profiles and Floodway Data and/or Summary of Stillwater Elevations obtained within the Flood Insurance Study (FIS) report that accompanies the FIRM. Users should be aware that BFEs shown on the FIRM represent whole-foot elevations. These BFEs are intended for flood insurance purposes only and should not be used as the sole source of flood information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of flood insurance and/or floodplain management.

**Base Flood Elevations** shown on this map apply only to landward areas not in Special Flood Hazard Areas may be protected by flood structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

ection used in the preparation of this map was New York State Plane NAD 83. The horizontal datum was NAD 83. GRS80 spheroid. Users of this FIRM should be aware that BFEs shown on the FIRM represent whole-foot elevations. These BFEs are intended for flood insurance purposes only and should not be used as the sole source of flood information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of flood insurance and/or floodplain management.

These flood elevations must be compared to structure and ground elevations to determine if flooding is likely. For information regarding the relationship between the National Geodetic Vertical Datum of 1929 and the National Geodetic Vertical Datum of 1988, visit the National Geodetic Survey at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

Information Services  
NAD 83  
Geodetic Survey  
#6202  
40 West Highway  
Spring, Maryland 20910-3282  
3-3242

In current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at [www.ngs.noaa.gov](http://www.ngs.noaa.gov).

Map information shown on this FIRM was derived from digital orthophotography provided by the New York Office of Cyber Security & Critical Infrastructure Coordination. This information was provided as 12-inch resolution color orthophotography from photography dated April 2007.

On updated topographic information, this map reflects more detailed and accurate stream channel configurations and floodplain delineations than shown on the previous FIRM for this jurisdiction. As a result, the Flood and Floodway Data tables in the Flood Insurance Study Report (which contain authoritative hydraulic data) may reflect stream channel distances that are different from what is shown on this map. Also, the relationship between stream and floodplain may differ from what is shown on previous maps.

ite limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may occur after this map was published, map users should contact appropriate officials to verify current corporate limit locations.

Refer to the separately printed **Map Index** for an overview of the map showing the layout of map panels; community map repository addresses; listing of Communities table containing National Flood Insurance Program information for each community as well as a listing of the panels on which each community is located.

For more information on available products associated with this FIRM, visit the **Map Repository** (MRC) website at <http://www.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, digital versions of this map. Many of these products can be ordered or downloaded directly from the MRC website.

ave questions about this map, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information Service (FMIS) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/businessinfo>.



**LEGEND**

**SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Areas shown on this map are subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard are designated as follows: Zone A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

**ZONE A**  
No Base Flood Elevations determined.  
Base Flood Elevations determined.  
Flood depths of 1 to 3 feet (usually areas of ponding); depths determined. For areas of unusual sea flooding, depths determined.

**ZONE AE**  
Special Flood Hazard Area formerly protected from the 1% annual flood by a flood control system that was subsequently determined to be inadequate. AR indicates that the former flood control system is being replaced by a new system. Areas of Special Flood Hazard formerly protected from the 1% annual chance flood by a flood control system under construction; no Base Flood Elevation determined.

**ZONE AH**  
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.

**ZONE AO**  
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.

**ZONE AR**  
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.

**ZONE A99**  
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.

**ZONE V**  
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.

**ZONE VE**  
Coastal flood zone with velocity hazard (wave action); no Base Flood Elevation determined.

**FLOODWAY AREAS IN ZONE AE**

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept open to the channel to ensure that the 1% annual chance flood can be carried without substantial increases in flood heights.

**OTHER FLOOD AREAS**

**ZONE X**  
Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 mile, and areas protected by levees from the 1% annual chance flood.

**OTHER AREAS**  
Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

**COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**  
**OTHERWISE PROTECTED AREAS (OPAs)**

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary  
0.2% annual chance floodplain boundary  
Floodway boundary  
Zone D boundary  
CBRS and OPA boundary  
Boundary dividing Special Flood Hazard Area Zone boundary dividing Special Flood Hazard Areas of different flood elevations, flood depths or flood velocities  
Limit of Moderate Wave Action  
Base Flood Elevation line and value, elevation in feet\*  
Base Flood Elevation value where uniform within zone;  
\* Referenced to the North American Vertical Datum of 1988

**MAP REPOSITORY**  
Refer to listing of Map Repositories on Map Index

**EFFECTIVE DATE OF COUNTRYWIDE FLOOD INSURANCE RATE MAP**  
March 4, 2015

**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

**MAP SCALE**  
1" = 500'  
250 0 500 1000 FEET  
150 0 150 300 METERS

**NFIP**

**PANEL 0087E**

**FIRM**

**FLOOD INSURANCE RATE MAP**

**PUTNAM COUNTY, NEW YORK**

**(ALL JURISDICTIONS)**

**PANEL 87 OF 256**

**(SEE MAP INDEX FOR FIRM PANEL LIST)**

**CONTAINS:**

COMMUNITY	NUMBER	PANEL
COLD SPRING VILLAGE OF	360670	0087
NELSONVILLE VILLAGE OF	361019	0087
PHILIPSTOWN TOWN OF	361026	0087

Notice to User: The **Map Number** shown below is used when placing map orders; the **Community Number** shown above should be used on insurance applications and other community.

**MAP NUMBER**  
360790

**EFFECTIVE DATE**  
MARCH 4, 2015

**Federal Emergency Management Agency**