

# Mapping the Ice Storm of 2008



Town of Westford, Massachusetts



## NOTES:

This map series provides a geographic analysis of the events that occurred during the ice storm of 2008.

The legend for each map is shown on the bottom left hand side of the page.

The first five pages show the ice storm related, emergency services provided by the Fire Department, Police Department, Electrical Department, and the Council on Aging.

The first five pages also have maps showing the calls received by National Grid. The calls were made by residents to report power outages or to check up on previous calls.

The sixth page shows the maps of the town services that were provided for December 16th and 17th. National Grid data was not available for these dates.

The back page shows a summary table and the results of a damage assessment survey conduct by the Highway Department on Sunday Dec 14th.

Created in January of 2009  
by the Town of Westford GIS Department  
For questions or comments about this map series  
contact [jmangiaratti@westfordma.gov](mailto:jmangiaratti@westfordma.gov)

For more info go to [www.westfordma.gov/gis](http://www.westfordma.gov/gis)

# Mapping the Ice Storm of 2008

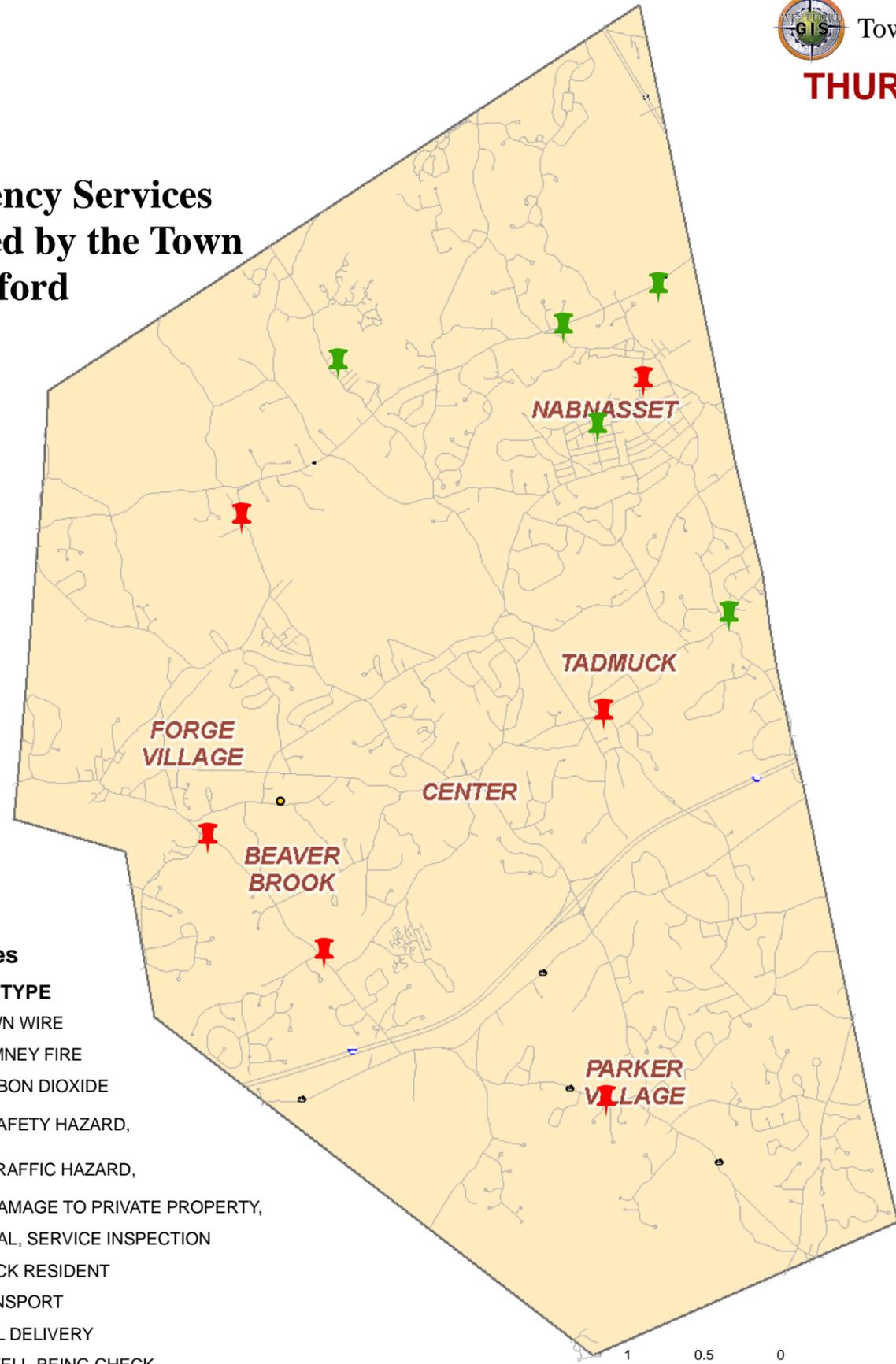


Town of Westford, Massachusetts



**THURSDAY, DECEMBER 11th**

## Emergency Services Provided by the Town of Westford

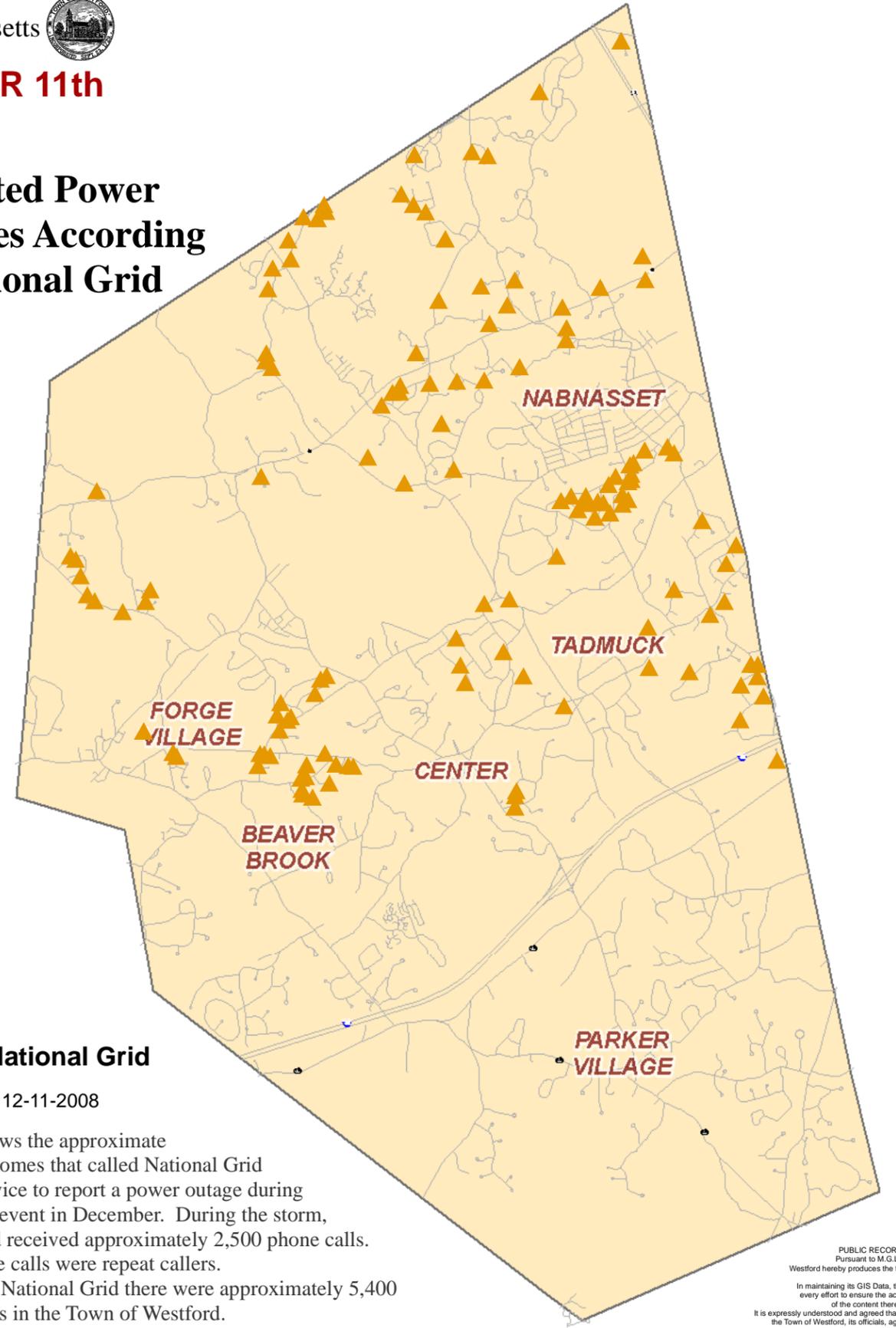


### Town Services

#### DEPARTMENT, TYPE

- FIRE, DOWN WIRE
- FIRE, CHIMNEY FIRE
- FIRE, CARBON DIOXIDE
- POLICE, SAFETY HAZARD,
- POLICE, TRAFFIC HAZARD,
- POLICE, DAMAGE TO PRIVATE PROPERTY,
- ELECTRICAL, SERVICE INSPECTION
- COA, CHECK RESIDENT
- COA, TRANSPORT
- COA, MEAL DELIVERY
- POLICE, WELL-BEING CHECK,
- OTHER PUBLIC SAFETY RESPONSE

## Reported Power Outages According to National Grid



### Calls to National Grid

12-11-2008

This map shows the approximate locations of homes that called National Grid customer service to report a power outage during the ice storm event in December. During the storm, National Grid received approximately 2,500 phone calls. Many of these calls were repeat callers. According to National Grid there were approximately 5,400 power outages in the Town of Westford.

# Mapping the Ice Storm of 2008

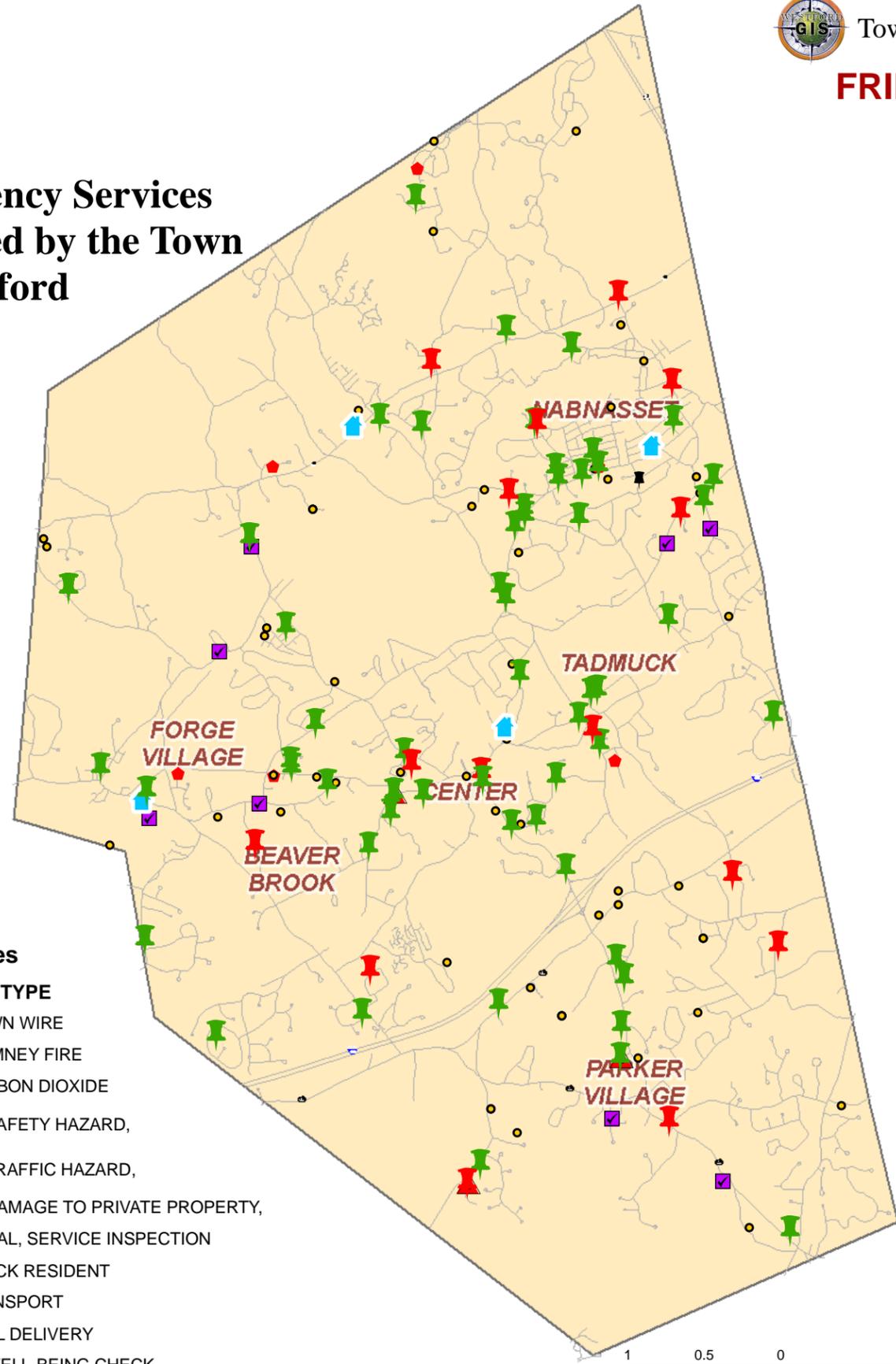


Town of Westford, Massachusetts



**FRIDAY, DECEMBER 12th**

## Emergency Services Provided by the Town of Westford

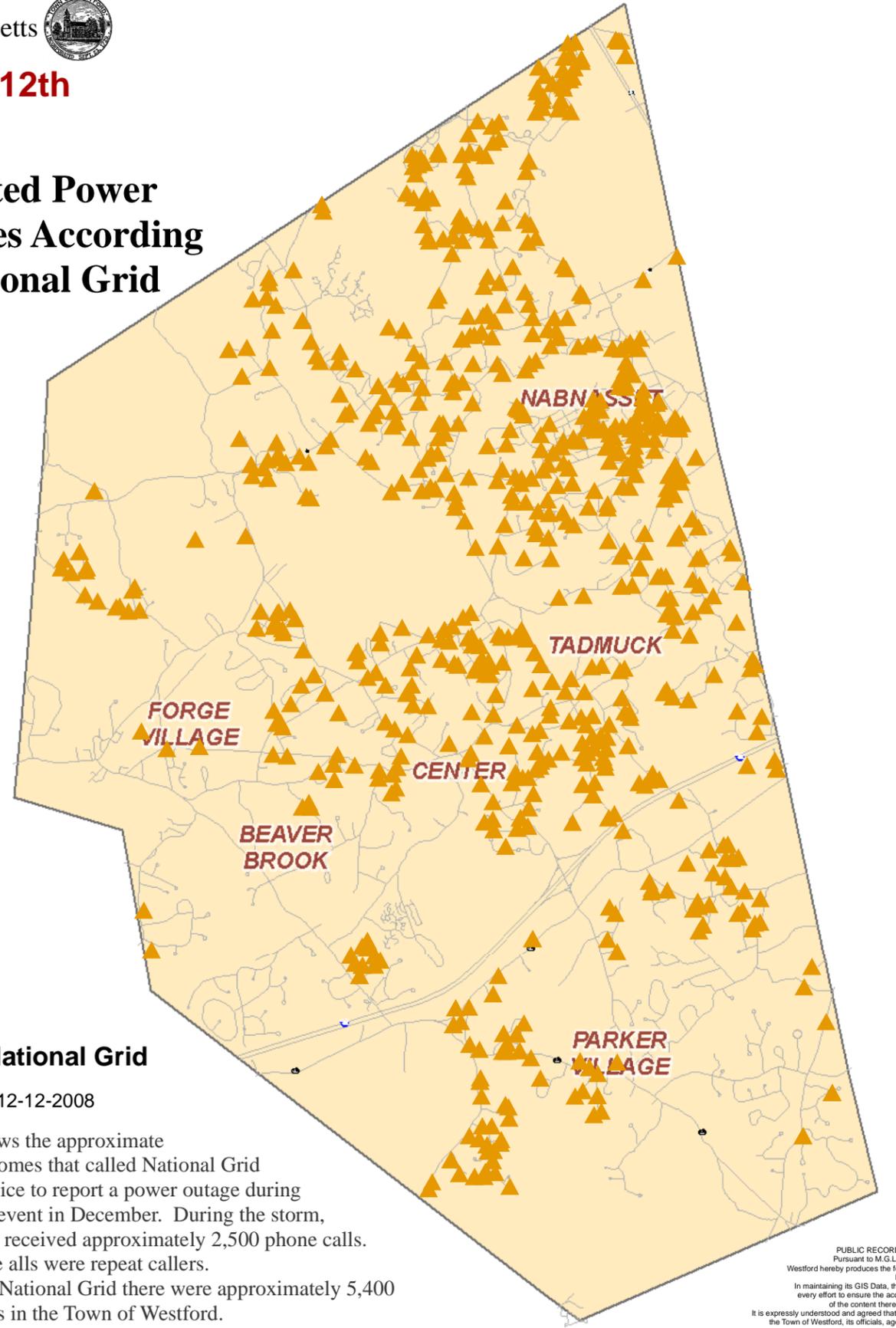


### Town Services

#### DEPARTMENT, TYPE

- FIRE, DOWN WIRE
- FIRE, CHIMNEY FIRE
- FIRE, CARBON DIOXIDE
- POLICE, SAFETY HAZARD,
- POLICE, TRAFFIC HAZARD,
- POLICE, DAMAGE TO PRIVATE PROPERTY,
- ELECTRICAL, SERVICE INSPECTION
- COA, CHECK RESIDENT
- COA, TRANSPORT
- COA, MEAL DELIVERY
- POLICE, WELL-BEING CHECK,
- OTHER PUBLIC SAFETY RESPONSE

## Reported Power Outages According to National Grid



### Calls to National Grid

12-12-2008

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# Mapping the Ice Storm of 2008

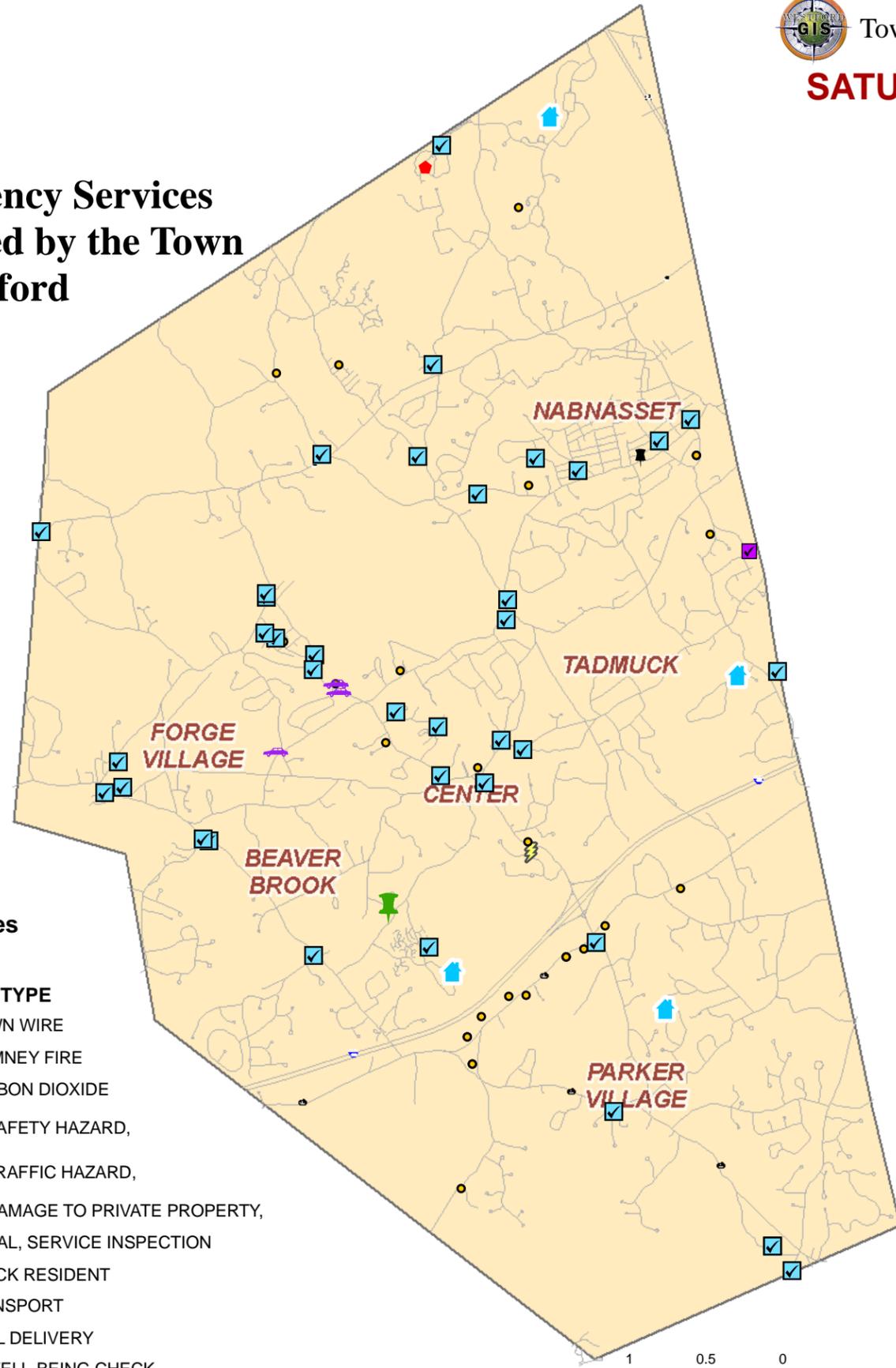


Town of Westford, Massachusetts



**SATURDAY, DECEMBER 13th**

## Emergency Services Provided by the Town of Westford

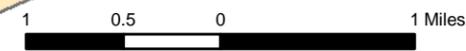


### Town Services

12-13-2008

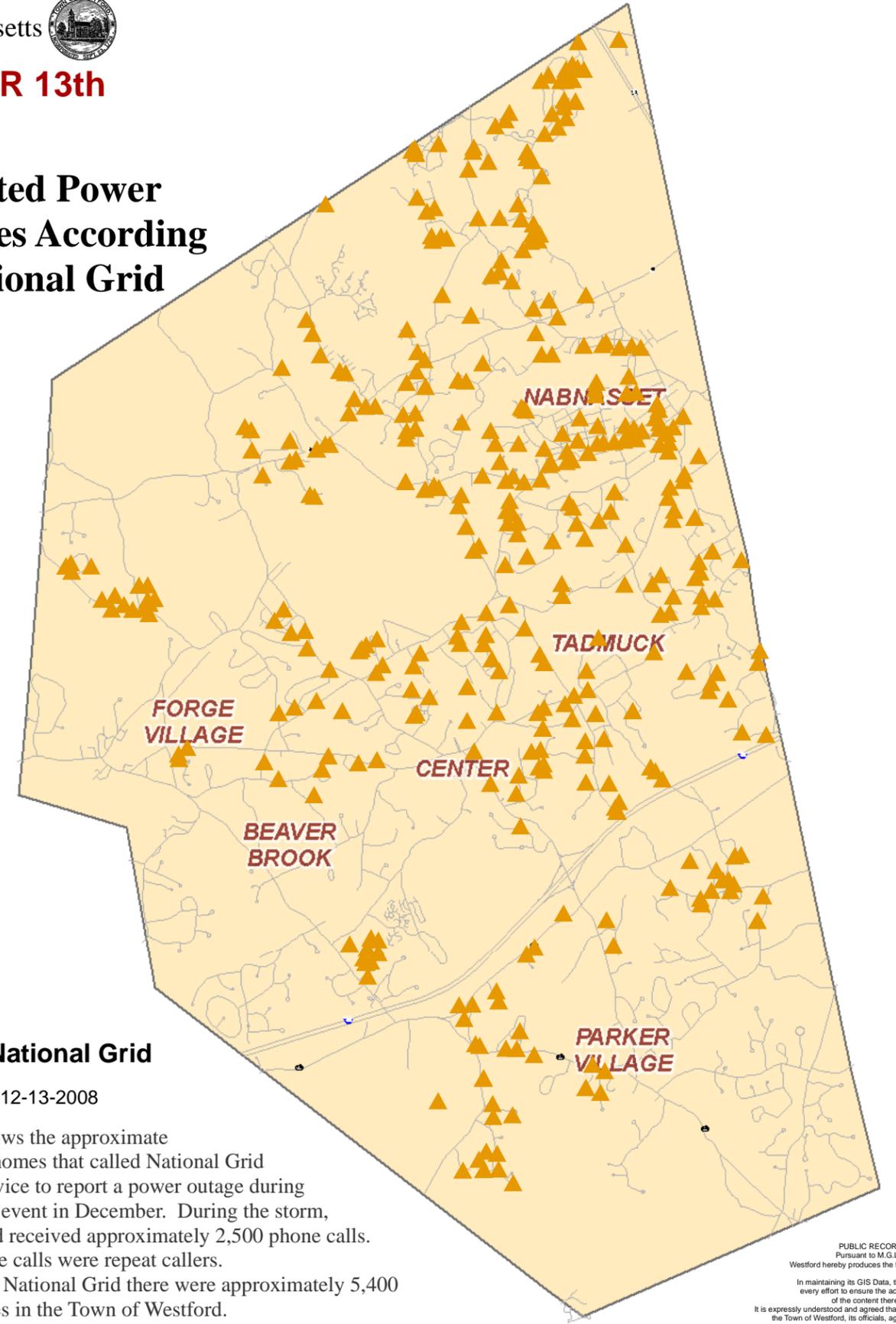
#### DEPARTMENT, TYPE

- FIRE, DOWN WIRE
- FIRE, CHIMNEY FIRE
- FIRE, CARBON DIOXIDE
- POLICE, SAFETY HAZARD,
- POLICE, TRAFFIC HAZARD,
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Map Created 1/8/09 by the Westford GIS Department - [www.westfordma.gov/gis](http://www.westfordma.gov/gis) for more info

## Reported Power Outages According to National Grid



### Calls to National Grid

12-13-2008

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TOWN OF WESTFORD  
PUBLIC RECORD RESPONSE - DISCLAIMER  
Pursuant to M.G.L. Chapter 66, §10, the Town of Westford hereby produces the following information: GIS Data Information - Mapping System.  
In maintaining its GIS Data, the Town of Westford has made every effort to ensure the accuracy, currency and reliability of the content thereof however, errors can occur. It is expressly understood and agreed that in producing this information, the Town of Westford, its officials, agents, servants and employees does not warrant or guarantee the information it has provided, nor does it accept responsibility for any errors contained therein. In no event will the Town of Westford, its officials, agents, servants and employees be deemed or held obligated, liable, or accountable for any loss or damage incurred or resulting from the use of the information provided.

# Mapping the Ice Storm of 2008

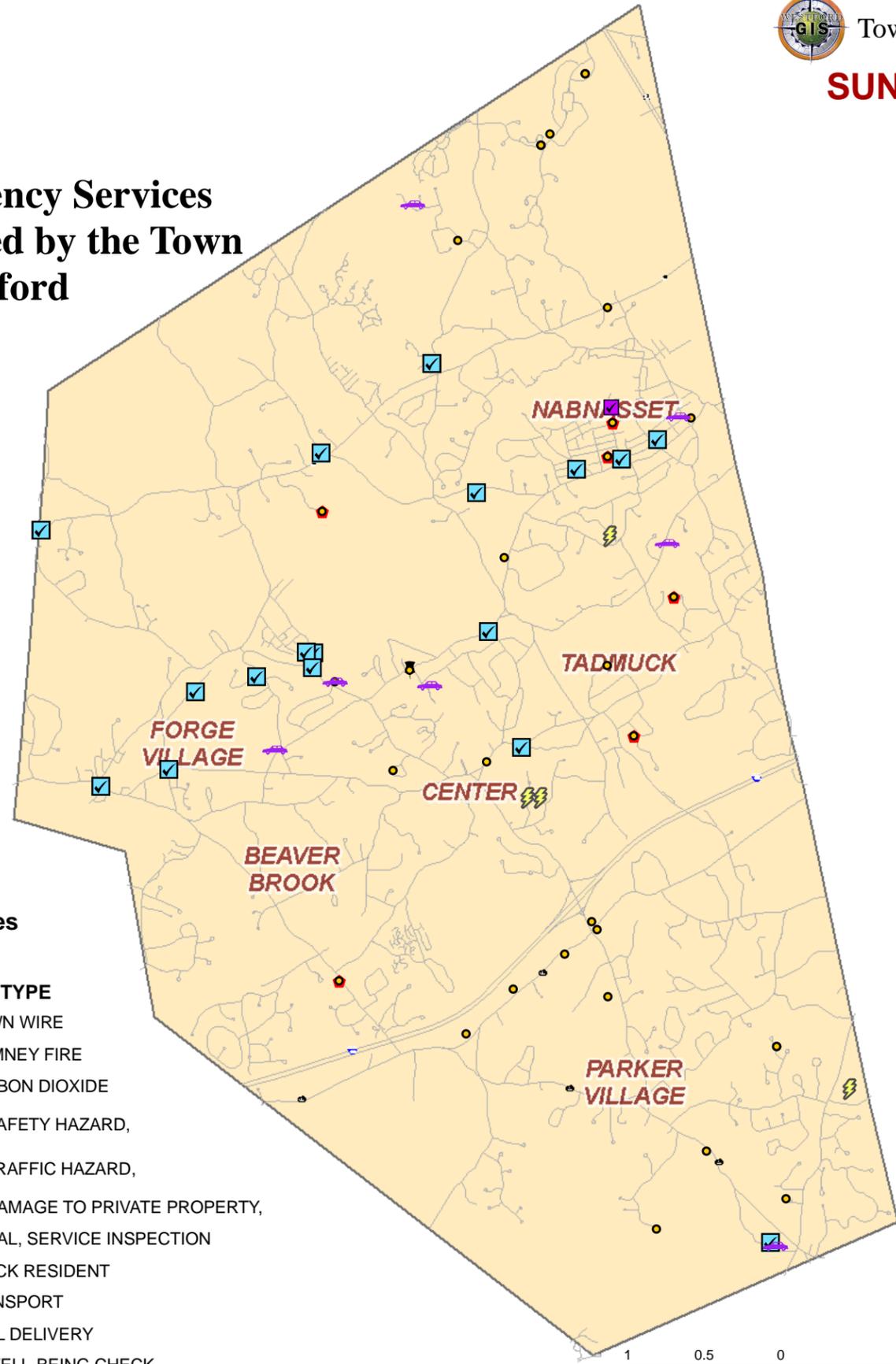


Town of Westford, Massachusetts



**SUNDAY, DECEMBER 14th**

## Emergency Services Provided by the Town of Westford



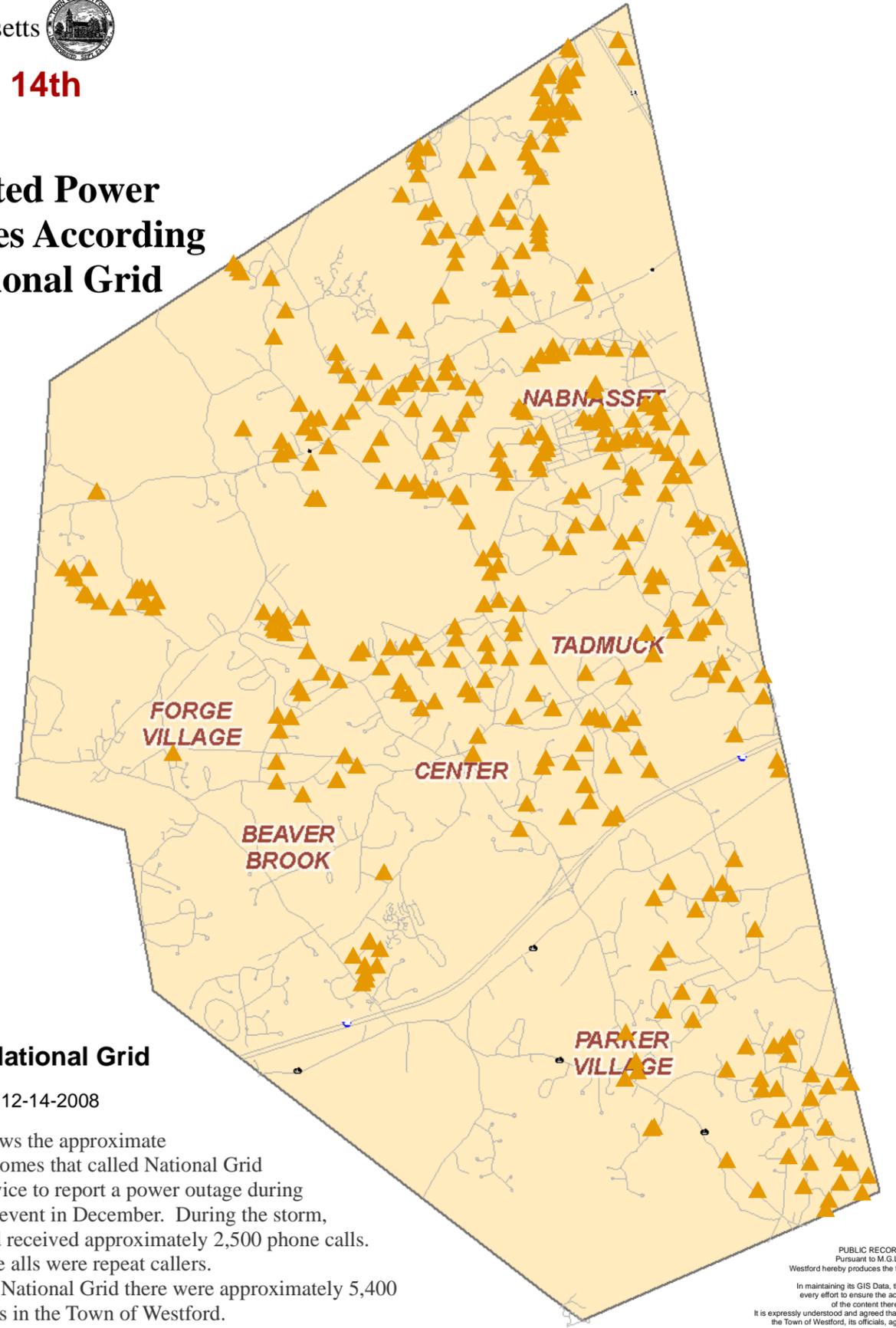
### Town Services

12-14-2008

#### DEPARTMENT, TYPE

- FIRE, DOWN WIRE
- FIRE, CHIMNEY FIRE
- FIRE, CARBON DIOXIDE
- POLICE, SAFETY HAZARD,
- POLICE, TRAFFIC HAZARD,
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## Reported Power Outages According to National Grid

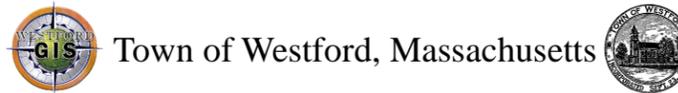


### Calls to National Grid

12-14-2008

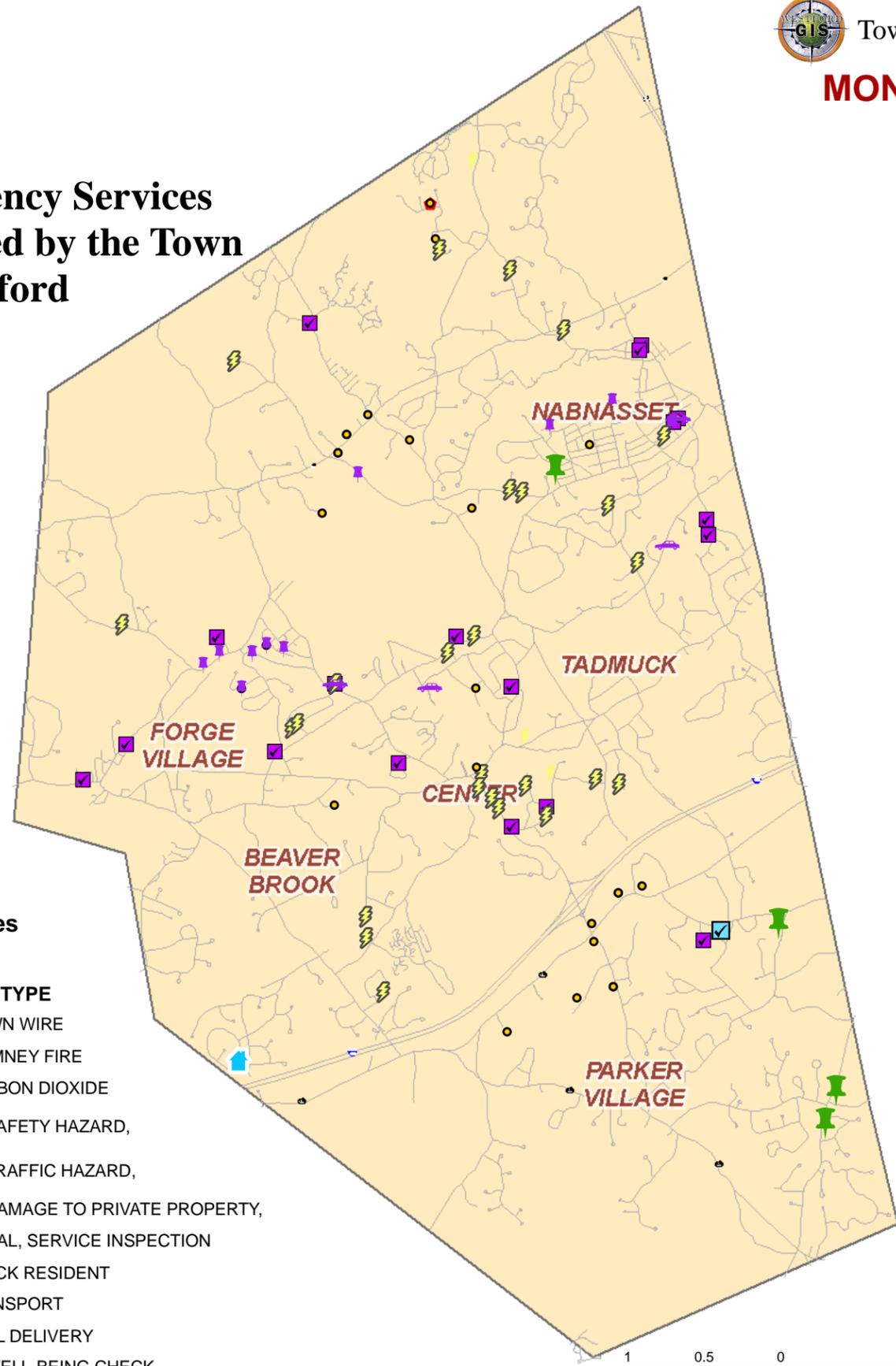
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# Mapping the Ice Storm of 2008



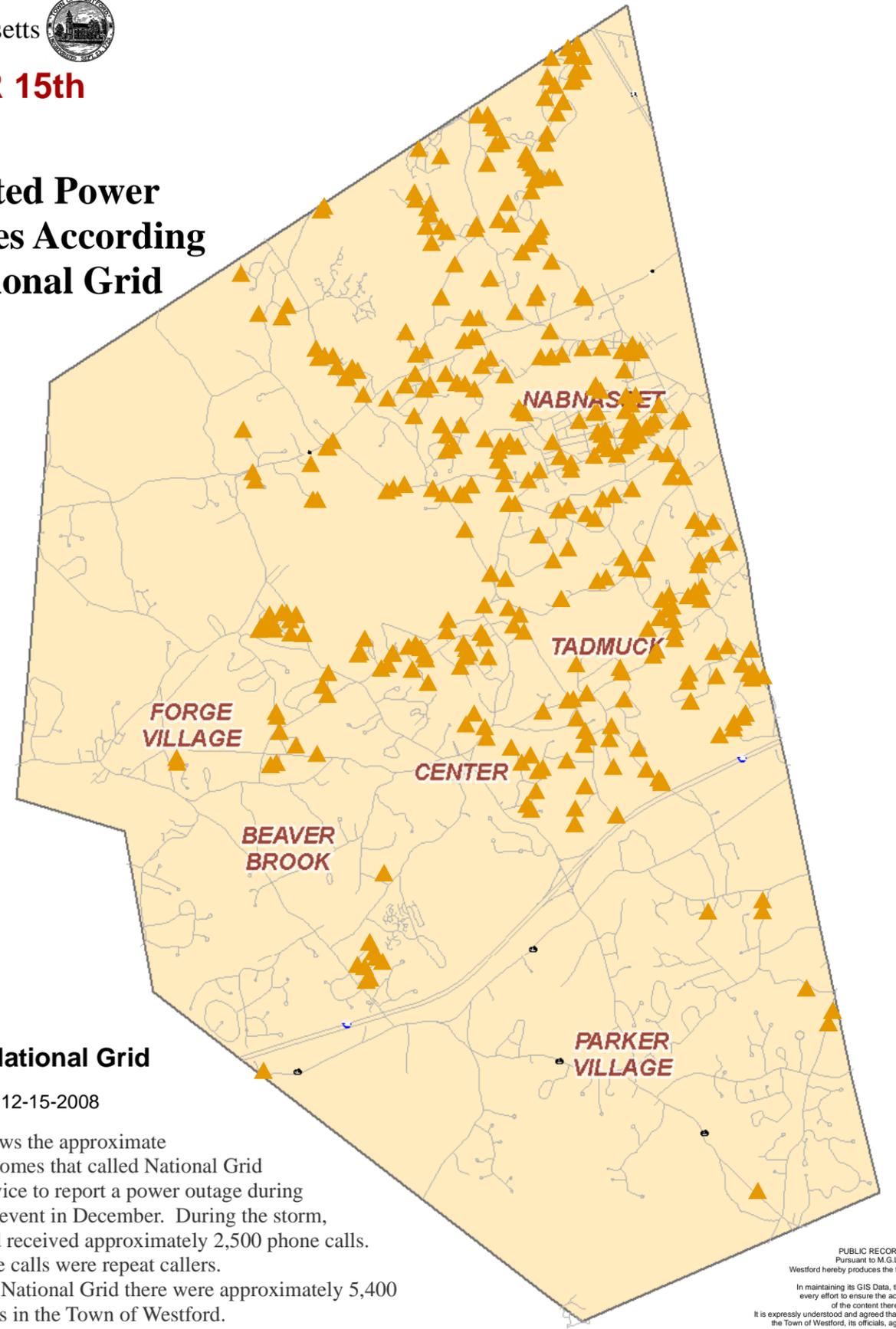
**MONDAY, DECEMBER 15th**

## Emergency Services Provided by the Town of Westford



- Town Services**  
12-15-2008
- DEPARTMENT, TYPE**
- FIRE, DOWN WIRE
  - FIRE, CHIMNEY FIRE
  - FIRE, CARBON DIOXIDE
  - POLICE, SAFETY HAZARD,
  - POLICE, TRAFFIC HAZARD,
  - POLICE, DAMAGE TO PRIVATE PROPERTY,
  - ELECTRICAL, SERVICE INSPECTION
  - COA, CHECK RESIDENT
  - COA, TRANSPORT
  - COA, MEAL DELIVERY
  - POLICE, WELL-BEING CHECK,
  - OTHER PUBLIC SAFETY RESPONSE

## Reported Power Outages According to National Grid



### Calls to National Grid

12-15-2008

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# Mapping the Ice Storm of 2008

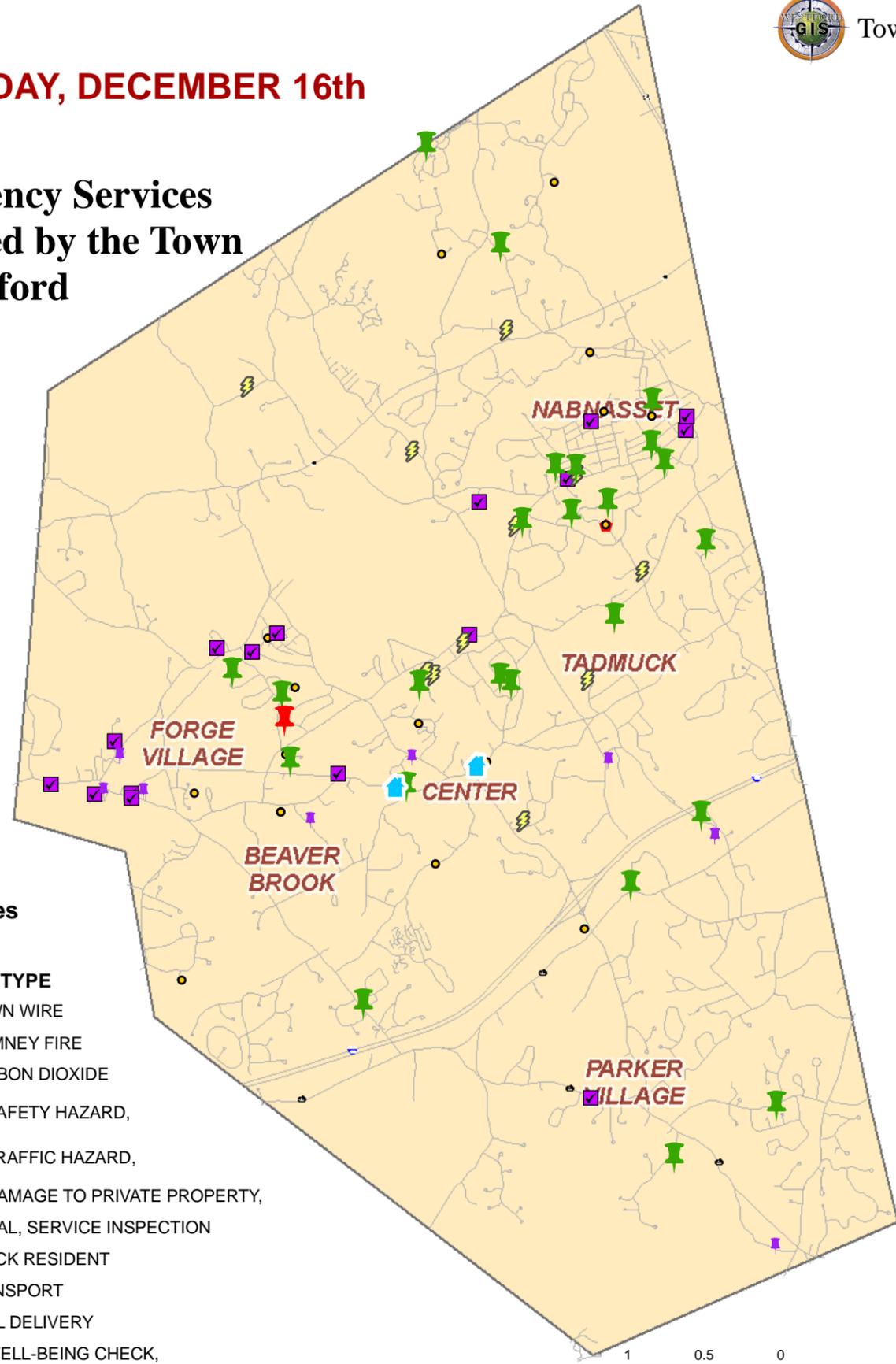


Town of Westford, Massachusetts



**TUESDAY, DECEMBER 16th**

## Emergency Services Provided by the Town of Westford



### Town Services

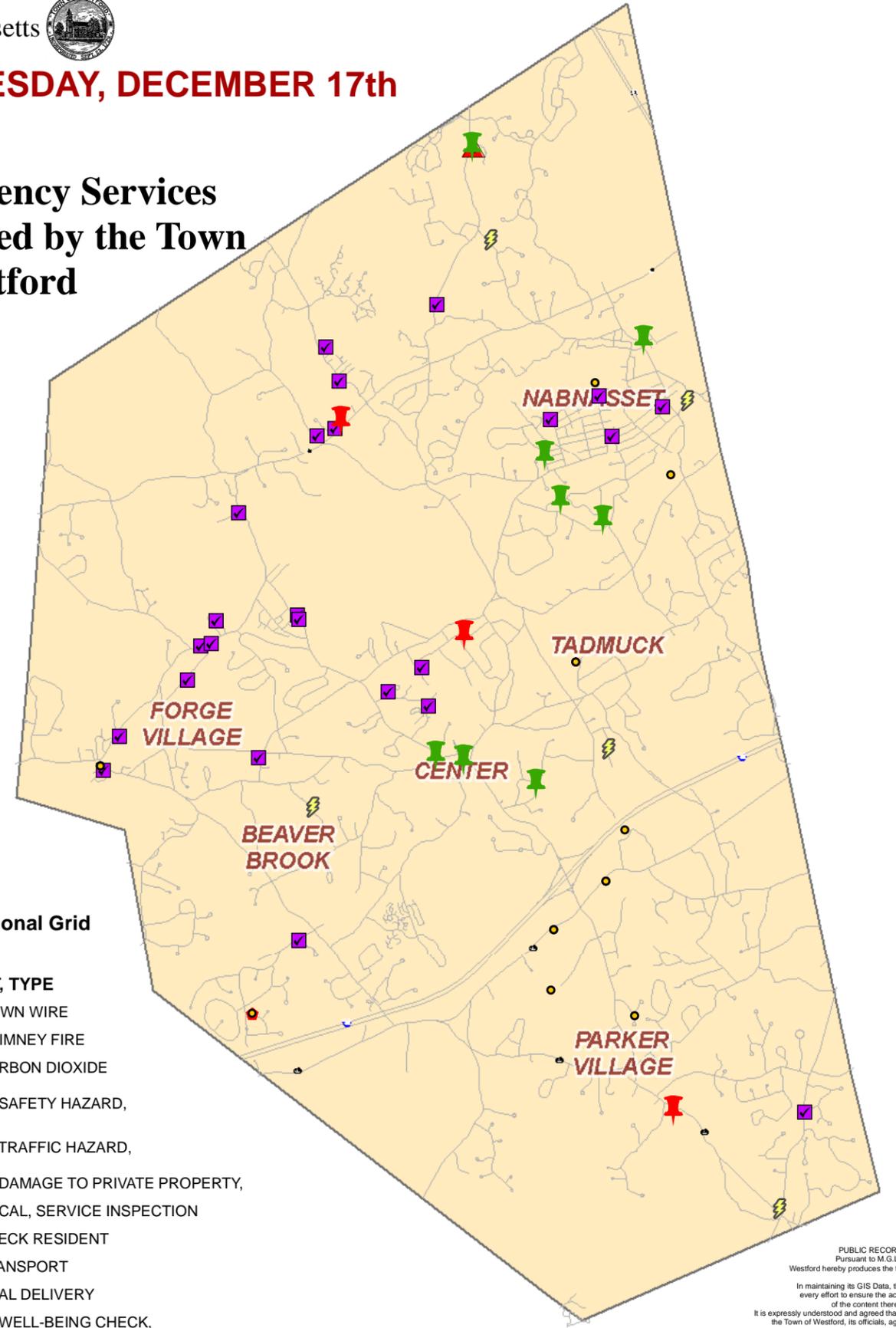
12-16-2008

#### DEPARTMENT, TYPE

- FIRE, DOWN WIRE
- FIRE, CHIMNEY FIRE
- FIRE, CARBON DIOXIDE
- POLICE, SAFETY HAZARD,
- POLICE, TRAFFIC HAZARD,
- POLICE, DAMAGE TO PRIVATE PROPERTY,
- ELECTRICAL, SERVICE INSPECTION
- COA, CHECK RESIDENT
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**WEDNESDAY, DECEMBER 17th**

## Emergency Services Provided by the Town of Westford



### Calls to National Grid

12-17-2008

#### DEPARTMENT, TYPE

- FIRE, DOWN WIRE
- FIRE, CHIMNEY FIRE
- FIRE, CARBON DIOXIDE
- POLICE, SAFETY HAZARD,
- POLICE, TRAFFIC HAZARD,
- POLICE, DAMAGE TO PRIVATE PROPERTY,
- ELECTRICAL, SERVICE INSPECTION
- COA, CHECK RESIDENT
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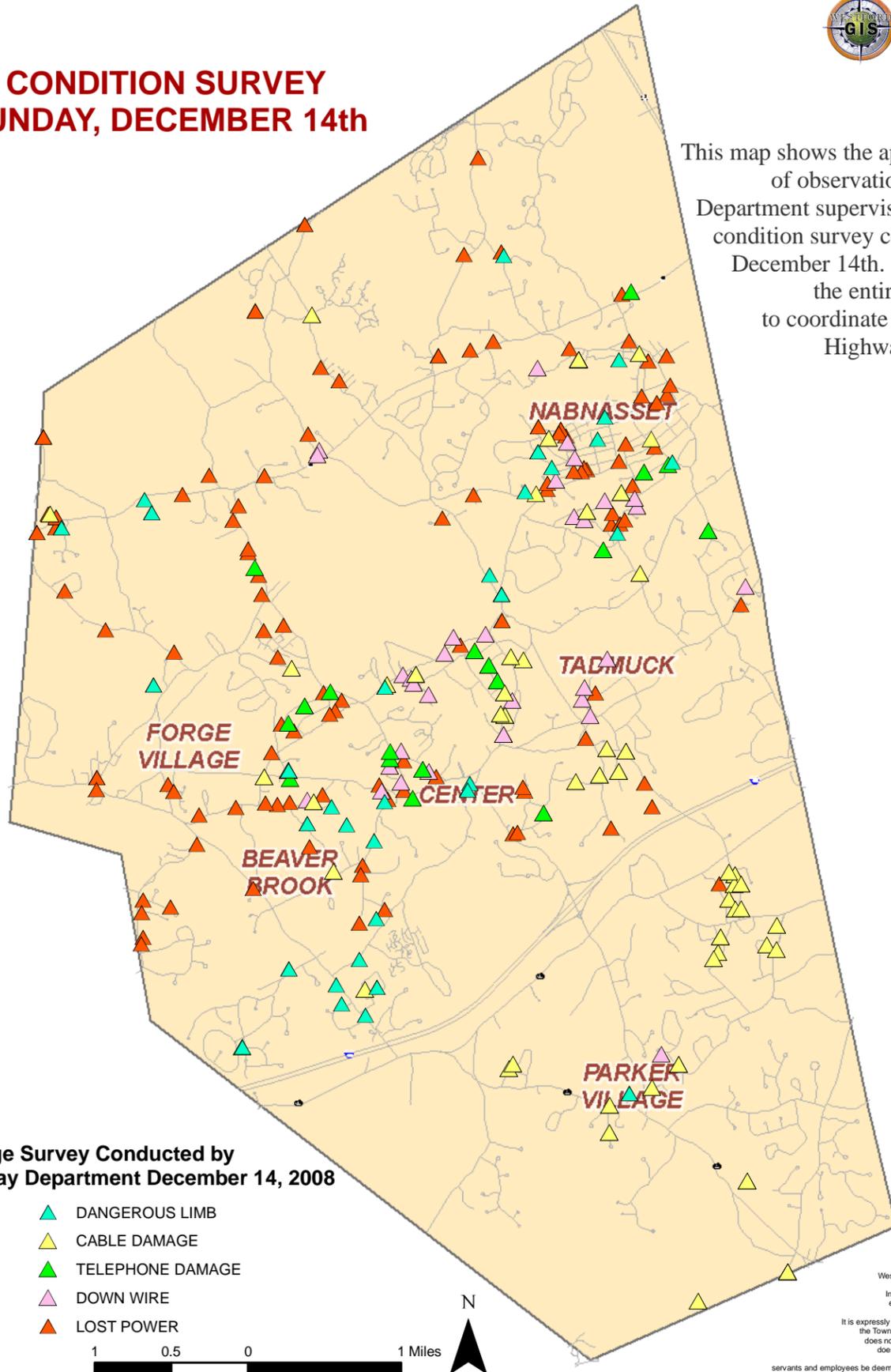
# Mapping the Ice Storm of 2008



Town of Westford, Massachusetts



## CONDITION SURVEY SUNDAY, DECEMBER 14th



This map shows the approximate locations of observation made by Highway Department supervisors during a damage condition survey conducted on Sunday, December 14th. This survey covered the entire town and was used to coordinate cleanup activities by Highway Department staff.

### Damage Survey Conducted by Highway Department December 14, 2008

- ▲ DANGEROUS LIMB
- ▲ CABLE DAMAGE
- ▲ TELEPHONE DAMAGE
- ▲ DOWN WIRE
- ▲ LOST POWER



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Map Created 1/8/09 by the Westford GIS Department - [www.westfordma.gov/gis](http://www.westfordma.gov/gis) for more info

## SUMMARY TABLE

The data shown in the table below and in this map series represents a general overview of the town services provided during the ice storm of 2008. The data was collected from dispatcher records and department records. National Grid provided data from their customer service database to show which households reported power outages.

Date	Number of recorded services provided during ice storm*	Resident calls to National Grid to report power outage**	Locations with damage observed by Highway Department during condition survey
Thursday 12-11-08	12	142	NA
Friday 12-12-08	153	884	NA
Saturday 12-13-08	84	445	NA
Sunday 12-14-08	80	490	293
Monday 12-15-08	99	501	NA
Tuesday 12-16-08	86	NA	NA
Wednesday 12-17-08	62	NA	NA

\*these numbers do not reflect all of the emergency response services provided by the Town of Westford

\*\* these numbers reflect total calls not unique calls and many residents called multiple times

For more information about this map series contact [jmangiaratti@westfordma.gov](mailto:jmangiaratti@westfordma.gov)