

## **E** Photographic History of Hazard Events

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The **2014 Hazard Mitigation Plan** collected a multitude of historical photos of disasters, weather events and local hazard events from years past, some of which were carried forward from the original **2003 Plan** or the **2008 Plan**. Although not referenced in the **2019 Plan**, Warner's photographic history should be a memorable record of the tumultuous history the Town has had with natural disasters. When disasters were declared, their number designations are provided (*DR-xxxx*).

### **Photographs of Warner Disasters and Hazard Events**

#### **The 1930s**

**1933 April: Snowstorm**

**1936 March: Flood**

**1938 September: Hurricane**

#### **The 1940s - 1960s**

**Date Unidentified: Snowstorm**

**Date Unidentified: Flood**

**Date Unidentified: Structure Fire**

#### **The 1970s – 1990s**

**1974: Structure Fire**

**1984 June: Flood**

**1990s Early: Lightning Strike and Wildfire**

#### **The 2000s**

**2005 October: Columbus Day Flood (*DR-1610*)**

**2005 December: Structure Fire**

**2006 May: Mother's Day Flood (*DR-1643*)**

**2007 April: April Spring Flood (*DR-1695*)**

**2008 December: Ice Storm (*DR-1812*)**

**The 2010s**

- 2011 October: Halloween Snowstorm (EM-3344)**
- 2013 February: Severe Snowstorm (DR-4105)**
- 2015 June: Northern Lights Aurora Borealis (Geomagnetic Storm)**
- 2015 July: Tornado EF-0**
- 2015-2019: Earthquakes in Central NH Region  $\geq 2.0$  Magnitude**
- 2016 July: Thunderstorm, High Wind and Lightning**
- 2017 March: Severe Snowstorm Event with Fire Truck Rollover**
- 2017 May: Northern Lights Aurora Borealis (Geomagnetic Storm)**
- 2017 October: Heavy Rainstorms and High Wind Event (DR-4355)**
- 2018 January: Snow Melt, Flooding and Ice Floes**
- 2018 November: Rain and Flooding Event**
- 2018 May: Tornado EF-1**

The 1930s

1933 April: Snowstorm



Photos courtesy of  
Historical Society

**1936 March: Flood**



Mary Flander's House on School Street

*Photos courtesy of  
Historical Society*



Mrs. Gray's House on School Street

1938 September: Hurricane



Flooding in Waterloo

*Photos courtesy of  
Historical Society*



Warner River Flooding below Dalton Bridges, September 1938

1938 September: Hurricane



Warner River Flooding at Ela Box, 1938

*Photos courtesy of  
Historical Society*



Warner River Flooding at Railroad Tracks, 1938

1938 September: Hurricane

**2003 & 2008 Hazard Mitigation Plan cover:**



Warner River at Roby Road Bridge



Warner River at Covered Bridge

*Photos courtesy  
of Historical  
Society*

The 1940s - 1960s

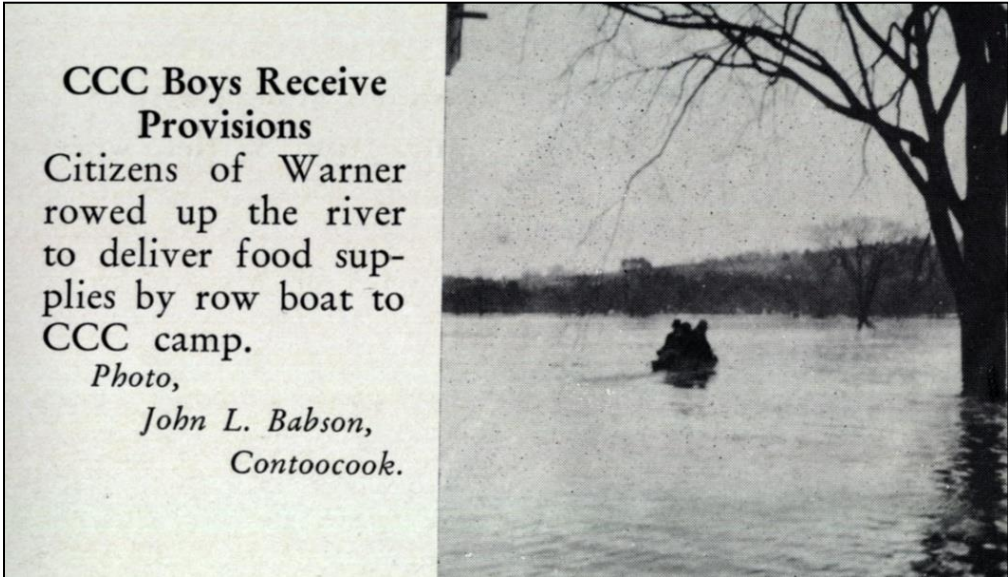
Date Unidentified: Snowstorm



Snowstorm at Roche’s Gazebo

*Photos courtesy of  
Historical Society*

Date Unidentified: Flood



Warner River Food Delivery to CCC Camp



**Date Unidentified: Flood**



Webster Bridge in Davisville

*Photos courtesy of  
Historical Society*

**Date Unidentified: Structure Fire**



School Fire

**The 1970s – 1990s**

**1974: Structure Fire**



Cricenti Food Liner Fire, 1974

*Photo courtesy of  
Warner Fire Department*

1984 June: Flood



Melvin Mills Warner River High Water

*Photos courtesy of Historical Society*



Melvin Mills Warner River High Water

**1990s Early: Lightning Strike and Wildfire**



*Photo courtesy of  
Warner Fire Department*

Mink Hills Cisco Corner Wildfire by Lightning Strike

**The 2000s**

**2005 October: Columbus Day Flood (DR-1610)**



Culvert Washout on Ladd Lane

*Photos courtesy  
of Warner  
Public Works  
Department*



Warner River Overflow onto West Joppa Road to Covered Bridge

**2005 December: Structure Fire**



Warner Power Fire

*Photo courtesy of  
Warner Fire Department*

2006 May: Mother's Day Flood (DR-1643)



Joppa Covered Bridge over Warner River

*Photos courtesy  
of Warner  
Public Works  
Department*



Riverside Park Flooding by Warner River

**2006 May: Mother's Day Flood (DR-1643)**

**2014 Hazard Mitigation Plan cover:** Connors Mill Road Washout



*Photo  
courtesy of  
Warner  
Public  
Works  
Department*



**2006 May: Mother's Day Flood (DR-1643)**



*Photos courtesy  
of Pelletieri  
Associates*

Flooding of Warner River on NH 103 East at West Roby District Road



Riverside Park flooded by the Warner River

**2007 April: Spring Flood (DR-1695)**



Howe Lane Washout



West Joppa Road and Parade Ground Cemetery Road Culvert Overflow

*Photos courtesy  
of Warner Public  
Works  
Department*

2008 December: Ice Storm (DR-1812)



Unidentified Road and Culvert Icy Conditions, December 2008

*Photos courtesy of  
Warner Public  
Works  
Department*



Ice Storm Clean up on Unidentified Road, December 2008

**The 2010s**

**2011 October: Halloween Snowstorm (EM-3344)**



Snow covered Apple Tree at Kearsarge Mountain Road, October 2011

*Photo  
courtesy of  
Kimberley  
Edelmann  
Brown*

**2013 February: Severe Snowstorm (DR-4105)**



22" Snowstorm on Main Street, February 10, 2013

*Photo courtesy of  
Warner Public  
Works  
Department*

**2015 June: Northern Lights Aurora Borealis (Geomagnetic Storm)**



Northern Lights captured overlooking Mount Kearsarge, June 2015

*Photo  
courtesy of  
Kimberley  
Edelmann  
Brown*

**2015 July: Tornado EF-0**

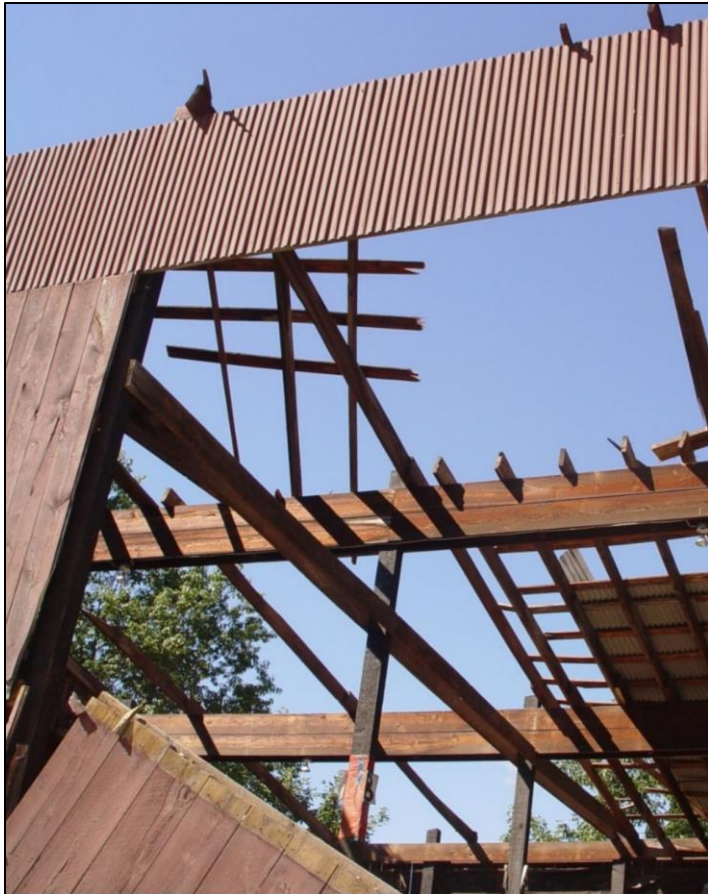


EF-0 Tornado in Warner on Kearsarge Mountain Road, July 2015

*Images accessed online, from National Weather Service, July 2015*



**2015 July: Tornado EF-0**

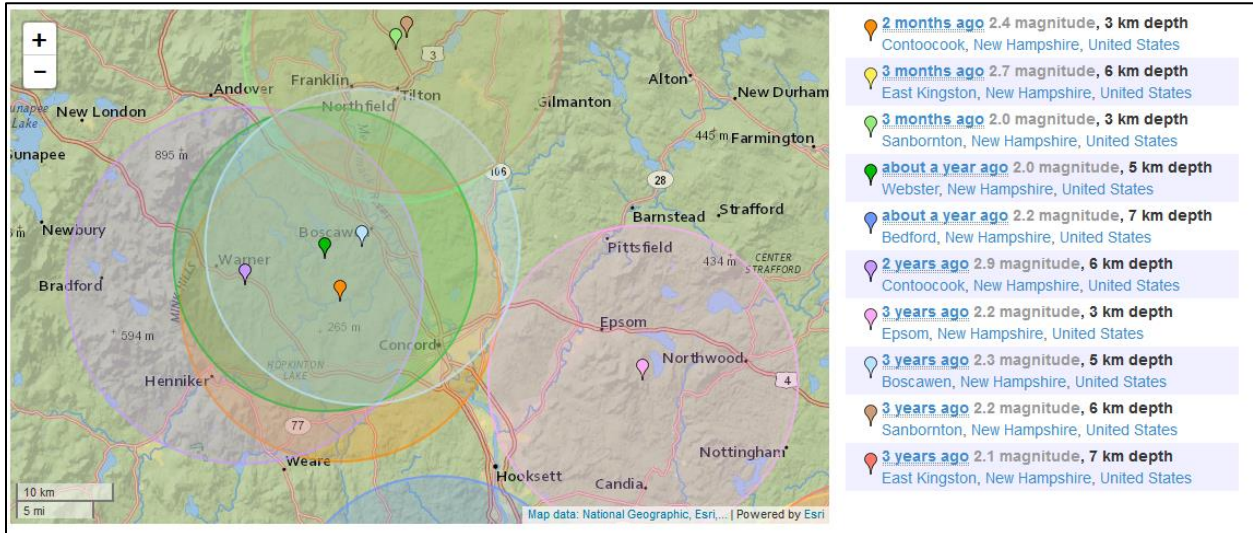


*Images accessed online,  
from National Weather  
Service, July 2015*





**2015-2019: Earthquakes in Central NH Region  $\geq$  2.0 Magnitude**



Central NH Earthquakes 2.0M and Greater 2015-2019; Graphic from EarthquakeTrack.com (USGS Data) Accessed by CNHRPC

**2016 July: Thunderstorm, High Wind and Lightning Storms**



*Photo  
courtesy of  
Kimberley  
Edelmann  
Brown*

Lightning Strike at North Road, July 2016 Storms

**2017 March: Severe Snowstorm Event with Fire Truck Rollover**



*Photo  
courtesy of  
Warner Fire  
Department*

Warner Fire Department Engine Rollover on I-89 south between Exits 9-10 at mile marker 22.4, March 10, 2017

**2017 May: Northern Lights Aurora Borealis (Geomagnetic Storm)**



Northern Lights captured overlooking Mount Kearsarge, May 2017

*Photo  
courtesy of  
Kimberley  
Edelmann  
Brown*

**2017 October: Heavy Rainstorms and High Wind Event (DR-4355)**



Horne Street and Newmarket Road Intersection – Tree Down on Wire, October 2017

*Photos  
courtesy of  
Kimberley  
Edelmann  
Brown*



Flooded Stevens Brook along North Road (in Sutton), October 2017

**2017 October: Heavy Rainstorms and High Wind Event (DR-4355)**



Flooded Bagley Field, October 2017

*Photos  
courtesy of  
Kimberley  
Edelmann  
Brown*



Flooded Warner River under Dalton Covered Bridge/West Joppa Road, October 2017

**2017 October: Heavy Rainstorms and High Wind Event (DR-4355)**



Bagley Field Flooding, October 30, 2017

*Photos courtesy of  
Al Piroso, Warner  
Parks and Recreation  
Department*



**2018 January: Snow Melt, Flooding and Ice Floes**

Bagley Field Soccer Field, Rink, Snack Shack, and Warming Hut, January 2018



*Photos courtesy of  
Apryl Blood, Warner  
Parks and Recreation  
Department*



**2018 January: Snow Melt, Flooding and Ice Floes**



Lang Bridge Ice Jam and Debris Impacted Infrastructure (Warner River), January 2018

*Photos courtesy of  
Ed Mical, Warner  
Emergency  
Management*



West Roby District Road flooding and ice floes from Warner River, January 2018

**2018 January: Snow Melt, Flooding and Ice Floes**



Warner River Ice Jam, January 2018

*Photos courtesy of  
Ed Mical, Warner  
Emergency  
Management*



Facing the Dalton Covered Bridge on West Joppa Road, January 2018

**2018 January: Snow Melt, Flooding and Ice Floes**



Riverside Park Baseball and Softball Fields Fencing, January 2018

*Photo courtesy of -  
Apyrl Blood, Warner  
Parks and Recreation  
Department*

**2018 May: Tornado EF-1**



Couchtown Road EF-1 Tornado Damage, May 2018

*Images accessed online,  
from Concord Monitor,  
May 2018*



Couchtown Road EF-1 Tornado Damage, May 2018

2018 May: Tornado EF-1

**WARNER**

# Tornado carved swath across N.H.



MICHAEL PEZONE photos / Monitor staff

**Damage from a storm earlier this month – since determined to be a tornado – is seen along Couchtown Road in Warner on Tuesday. The tornado carved a 36-mile path of destruction that damaged trees in Warner and several other towns.**

**Storm that felled trees, left a path of destruction this month determined to be a twister**



**A cracked tree from the path of the tornado is seen in Warner on Tuesday.**

**By DAVID BROOKS**  
Monitor staff

**T**he storm that swept through central New Hampshire 11 days ago, causing damage from Charlestown to Webster, has officially been classified as a tornado, although it wasn't much by Midwestern standards.

While tornadoes aren't terribly common in New Hampshire, this one arrived early and was stronger than normal.

The tornado caused damage along a 36-mile swath through seven towns, knocking

down trees and mangling buildings in a path that averaged about 300 yards in width, said John Jensenius, warning coordination meteorologist with the National Weather Service in Gray, Maine.

A resident on Brown Road in Warner told the *Monitor* she heard a dull roar, bangs and felt her entire house shake about 9 p.m. Friday, May 4. The whole thing was over in less than five minutes, she said, but when she went outside afterward, she found toppled trees

**SEE TORNADO A6**



Concord Monitor newspaper article about Warner's EF-1 Tornado, May 15, 2018

2018 May: Tornado EF-1

**A6 CONCORD MONITOR** | Wednesday, May 16, 2018 **PAGE A1 STORIES** concordn

## Tornadoes like the one that hit Warner earlier this month are rare in N

**TORNADO FROM A1**

across her property – including eight 100-foot pines that had brought down the power line along the road.

Jensenius drove along the path to determine whether the storm was actually a tornado rather than a destructive thunderstorm. The key way to tell, he said: how trees fall.

“This is not only moving, going about 55 miles an hour in a north-of-east direction, it’s also spinning, creating a rotational motion. You can determine which way the storm is going because when you look along the path, the trees will fall from right to left across the path. That’s what we saw,” he said.

The strength of tornadoes is measured on a scale called EF, or Enhanced Fujita. Most tornadoes in New Hampshire are EF0, meaning they cause light damage. This storm was registered as EF1, or moderate damage.

Historically, New Hampshire has an average of 1.6 tornadoes a year. Very few are stronger than EF2, the category that causes considerable damage.

Most occur during the summer months of June, July and August, when there is more warm, moist air to form the thunderstorms with updraft and wind shear that can create a spinning, moving storm. Such conditions are prevalent in the flat regions of the central United States during spring and summer, which is why the so-called Tornado Alley exists in the Midwest.

Jensenius said it is very unusual to have a tornado in New Hampshire as early as the first week of May, although he doesn’t know whether there has been any change in historical patterns for the storms.

“It comes down to year to year; that really hasn’t changed over the years,” he said. “There’s no reason to believe that the month of July wouldn’t be the top month for them.”

The deadliest tornado in New England history occurred in June, 1953, around Worcester, Mass. It killed 93 people and was part of a three-day series of storms in central Massachusetts that caused widespread damage.

It appears that the only fatal tornado in New Hampshire history hit Hampton Beach in July 1898, collapsing the roof of a skating rink and killing three people.

No injuries were reported in this month’s tornado.



ELIZABETH FRANTZ

**Debris from the tornado is seen piled along a now-cleared driveway in Warner on May 8.**

News article, continued



*Photo courtesy of - Kimberley Edelmann Brown*

EF-1 Tornado – Trees Down on Brown Road, May 2018

TOWN TO ADD NEW DISASTER PHOTOS HERE: