

# ANNEX F: TOWN OF CORINTH

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*The Saratoga County Hazard Mitigation Action Plan Update 2025 relates to the multiple jurisdictions therein from a county wide perspective. The shared plan includes the detailed hazard identification and risk assessment, a complete hazard event history, climate change trends and future impacts, location maps, extent tables and summary statements on both probability and potential severity. This annex is supplemental data provided specific to the municipality herein and focuses on the unique local risks and mitigation strategies.*

## JURISDICTION PROFILE

### OVERVIEW

The Town of Corinth is located in Saratoga County, New York, with a population of 6,545. The Town of Corinth contains the Village of Corinth. The town is on the northwestern border of the county, north of Saratoga Springs. According to the United States Census Bureau, the town has a total area of 58.1 square miles, of which 56.8 square miles is land and 1.3 square miles (2.29%) is water. The eastern town line, formed by the Hudson River, is the border of Warren County. The western part of the town is the Adirondack Park. Figure F-1 shows the general location of the Town of Corinth.

## TOWN OF CORINTH CONTACT INFORMATION

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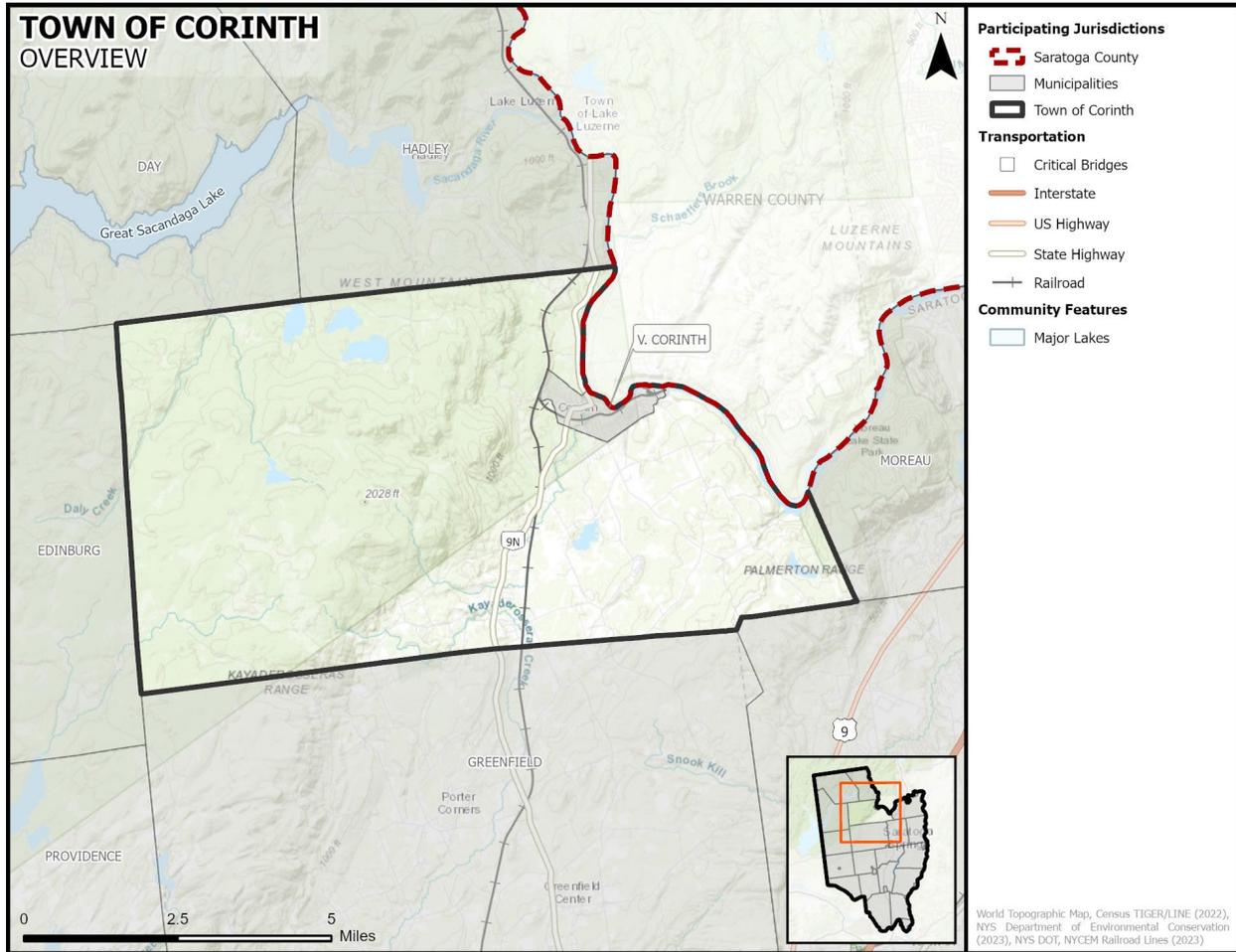
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## NOTE TO THE REVIEWER

It is noted that the Town of Corinth and the Village of Corinth are not listed separately in the National Centers for Environmental Information (NCEI). The NCEI is the most reliable source for historical storm event data. While the plan incorporates local and team input for historical events, for the purposes of this evaluation, both jurisdictions will be evaluated as equal entities with similar exposure and vulnerability due to their close proximity.

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**Figure F-1. Town of Corinth Planning Area**



## POPULATION AND DEMOGRAPHICS

According to the 2020 Census population count, the Town of Corinth has an official population of 6,500 residents, a decrease of 0.5 percent since the 2010 census. Table F-1 shows the population distribution in the Town of Corinth in 2010, 2020 (Census population count), and 2022 (2022 American Community Survey (ACS) five-year estimates. Note that in some cases the 2022 ACS estimates may differ from the 2020 Census count; the ACS estimates are used throughout this section for consistency.<sup>1</sup>

**Table F-1. Population Distribution for the Town of Corinth**

JURISDICTION	TOTAL 2010 POPULATION	TOTAL 2020 POPULATION (Census)	TOTAL 2022 POPULATION (ACS Estimates)	PERCENTAGE CHANGE 2010-2022
Town of Corinth	6,531	6,500	6,545	0%

<sup>1</sup> Source: <https://www.census.gov/geographies/reference-maps/2010/geo/2010-pumas/new-york.html>, <https://www.census.gov/en.html> and <https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles/2022/>

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Table F-2 summarizes select characteristics of vulnerable or sensitive populations in the Town of Corinth using data from the U.S. Census Bureau 2022 American Community Survey (ACS) five-year estimates.

Between official U.S. Census population counts, the estimate uses a formula based on new residential building permits and household size. It is simply an estimate and there are many variables involved in achieving an accurate estimation of people living in a given area at a given time.

**Table F-2. Populations at Greater Risk for the Town of Corinth**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

### POPULATION GROWTH

The official 2020 Town of Corinth population is 6,500. Overall, the Town of Corinth experienced an increase in population between 1990 and 2020 of 10 percent, or an increase by 565 residents. Between 2010 and 2020, the Town of Corinth experienced a population decline. Table F-3 provides historic change rates in the Town of Corinth.

**Table F-3. Population Growth for the Town of Corinth, 1980-2020<sup>2</sup>**

JURISDICTION	1990 <sup>3</sup>	2000 <sup>4</sup>	2010	2020	POP CHANGE 1990-2020	PERCENT OF CHANGE	POP CHANGE 2010-2020	PERCENT OF CHANGE
Town of Corinth	5,935	5,985	6,531	6,500	565	10%	-31	0%

### EXISTING LAND USE AND DEVELOPMENT TRENDS

A review of building permits can also give a picture of the built environment and the number of buildings that are being constructed in the Town of Corinth. Table F-4 lists the number of residential buildings and total units authorized through a permit from the Town of Corinth, where data was available, between 2019 and 2023.

**Table F-4. Building Permits for the Town of Corinth, 2019-2023<sup>5</sup>**

JURISDICTION	2019		2020		2021		2022		2023	
	Total Buildings	Total Units								
Town of Corinth	18	18	15	16	20	20	8	8	6	6

<sup>2</sup> U.S. Census Bureau

<sup>3</sup> Source: <https://www2.census.gov/library/publications/decennial/1990/cp-1/cp-1-34-2.pdf?#>

<sup>4</sup> Source: <https://www2.census.gov/library/publications/2001/compendia/ccdb00/2000ccdb.pdf>

<sup>5</sup> U.S. Census Bureau, Building Permit Survey, 1992-2022, <https://www.census.gov/construction/bps/>

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Certain types of housing found in the Town of Corinth are more vulnerable than typical site-built, newly constructed residential structures. This includes mobile or manufactured homes, and single-family residences (SFR) that are built before 1980, as they are typically built to lower or less stringent construction standards than newer construction. Table F-5 includes housing inventory data for the Town of Corinth per the American Community Survey five-year estimates.

**Table F-5. Housing Inventory and Vulnerable Structures, for the Town of Corinth<sup>6</sup>**

JURISDICTION	TOTAL HOUSING UNITS	BUILT PRIOR TO 1980	MOBILE HOMES
Town of Corinth	3,152	1,967	426

### CHANGES IN VULNERABILITY

The Town of Corinth has experienced a slight decrease in overall population of 0.5 percent between 2010 and 2020. The American Community Survey estimates the 2022 total housing units for the Town of Corinth to be 3,152. The total building permits issued between 2019 and 2023 represent approximately 2 percent of the total housing units available in the Town of Corinth. The slight population decrease, combined with the increase in housing units indicates no notable increase in vulnerability to all hazards in terms of populations and the built environment.

**Table F-6. Changes in Vulnerability, for the Town of Corinth**

JURISDICTION	POPULATION TREND	HOUSING TREND	OVERALL VULNERABILITY CHANGES
Town of Corinth	No Change	Increasing	No Change

Table F-7 lists the total number of building permits issued in the Town of Corinth from 2019 through 2023, including the number of permits issued in the Special Flood Hazard Area and the percentage of SFHA permits issued overall.

**Table F-7. Building Permits, Town of Corinth, 2019-2023**

JURISDICTION	TOTAL BUILDING PERMITS	SFHA PERMITS	PERCENT OF PERMITS IN SFHA
Town of Corinth	67	0	0

No permits were issued in the SFHA during that same time period, indicating no increase in flood risk due to new development.

Changes in vulnerability are applicable to all natural hazards except when discussing dam failure as vulnerability for this hazard is discussed in relation to changes in the estimated inundation areas for profiled dams. For the two dams profiled in the dam failure hazard profile (Section 5) for the Town of Corinth, there are no known changes in vulnerability in the estimated inundation areas. While flood and wildfire hazards feature geographical boundaries, increases in population

<sup>6</sup> The Housing Inventory and Vulnerable Structures are based off the 2022 American Community Survey 5-Year Estimates Data Profiles.

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and building inventory can increase overall vulnerability for these hazards even when the trends occur outside of the known hazard boundary. Development decreases permeable surface areas and increases runoff, increasing flood risk. As population density increases, the Wildland Urban Interface (WUI) typically increases. WUI growth often results in more wildfire ignitions, which puts more houses and lives at risk.

### FUTURE DEVELOPMENT

To better understand how future growth and development in the Town of Corinth might affect hazard vulnerability, it is useful to consider population growth, occupied and vacant land, the potential for future development in hazard areas, and current planning and growth management efforts. This section includes an analysis of the projected population change, and economic impacts.

Population projections from 2010 to 2040 are listed in Table F-8, as provided Cornell University's Program on Applied Demographics<sup>7</sup>. **This information is only available at the County level;** however, the population projection shows an increase in population density for the County, which would mean an overall increase for the planning area.

**Table F-8. Saratoga County Population Projections**

LAND AREA (square miles)	2010		2020		2030		2040	
	Population							
	Total Number	Density (Land Area, sq. miles)	Total Number	Density (Land Area, sq. miles)	Total Number	Density (Land Area, sq. miles)	Total Number	Density (Land Area, sq. miles)
810	219,607	271.12	234,009	288.90	246,743	304.62	252,521	311.75

### PLAN MAINTENANCE

The Saratoga County Hazard Mitigation Plan Update provides explanation on how each participating jurisdiction will be involved in implementing, evaluating, and enhancing the Plan over time. Please see Section 24 of this Plan for additional information regarding plan maintenance for the entire planning area.

Periodic revisions of the Plan are required to ensure that goals, objectives, and mitigation actions are kept current. When the plan is discussed in these sections it includes the risk assessment and mitigation actions as a part of the monitoring, evaluating, updating and review process. Revisions may be required to ensure the Plan remains in compliance with federal and state statutes and regulations. Table F-9 indicates the department and title of the party responsible for Plan monitoring, evaluating, updating, and review of the Plan.

**Table F-9. Team Member Responsible for Plan Monitoring, Evaluating, Updating, and Review of the Plan**

JURISDICTION	TITLE
Town of Corinth	Town Supervisor

<sup>7</sup> Source: <https://pad.human.cornell.edu/counties/projections.cfm>

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### PUBLIC PARTICIPATION

A series of public meetings were held throughout the Saratoga County planning area to collect public and stakeholder input. Topics of discussion included the purpose of hazard mitigation, discussion of the planning process, and types of natural hazards. In addition, a public survey was developed to solicit public input during the planning process from citizens and stakeholders and to obtain data regarding the identification of any potential hazard mitigation actions or problem areas. The survey was promoted by local officials and a link to the survey was posted on the Town of Corinth's website. A total of four surveys were completed for the Town of Corinth. Additional meeting documentation and survey results can be viewed in Appendix E and Appendix B, respectively.

The draft Plan was made available to the general public for review and comment on Saratoga County's website for 30 days. To ensure opportunities are given to all citizens including those without internet access, a paper copy of the draft plan annexes was also available at municipal offices and public library locations with a comment form that included an email and phone number for the public to provide feedback. Refer to Section 2 for additional information on public involvement in the planning process.

Public input was an integral part of the preparation of this Plan and will continue to be essential for Plan updates. The public will be directly involved in the annual evaluation, monitoring, reviews and cyclical updates. Changes or suggestions to improve or update the Plan will provide opportunities for additional public input. The public can review the Plan on the Town of Corinth's website, where officials and the public are invited to provide ongoing feedback, via email.

The Planning Team is responsible for notifying stakeholders and community members on an annual basis and maintaining the Plan. Media, including local newspaper and radio stations, will be used to notify the public of any maintenance or periodic review activities during the implementation, monitoring, and evaluation phases. Additionally, local news media will be contacted to cover information regarding Plan updates, status of grant applications, and project implementation. Local and social media outlets, such as Facebook and Instagram, will keep the public and stakeholders apprised of potential opportunities to fund and implement mitigation projects identified in the Plan.

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## HAZARD PROFILES

### DAM FAILURE

#### *HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES*

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the dam failure hazard for each participating jurisdiction impacted by dam failure (Section 5) impacted by dam failure. The National Dam Safety Review Board (in coordination with FEMA) and the National Inventory of Dams (NID) lists a total of 37 dams in the entire Saratoga County planning area, including all jurisdictions. Each of these dams were analyzed individually by location, volume, elevation, and condition (where available) when determining the risk, if any, for each dam. Each dam site was further analyzed for potential risks utilizing FEMA’s National Flood Hazard Layer to map locations and fully understand development near the dam and topographical variations that may increase risk. The comprehensive dam analysis indicated 12 out of 37 dams, identified in both the National Inventory of Dams and the New York State Dams Inventory, present a potential risk to structures or infrastructure in the planning area.

**Table F-10. Town of Corinth Dam Survey<sup>8</sup>**

LOCATION	DAM NAME	HEIGHT (feet)	MAX STORAGE (acre feet)	CONDITION	HAZARD CLASSIFICATION
Town of Corinth	Woodland Lake Dam	17	928	Poor	Significant
Town of Hadley/ Town of Day/ Town of Corinth	Conklingville	100	792,000	Satisfactory	High

#### **Woodland Lake Dam**

Woodland Lake Dam is an earthen dam located in the Town of Corinth on a tributary of Sturdevant Creek. It was constructed in 1957 for recreation purposes and is owned by the Woodland Lake Property Owners Association. Maximum storage capacity is 928 acre-feet. A dam failure is expected to cause limited damages due to capacity and location, however it could cause limited infrastructure damage. The area within a 1-mile radius of the dam is rural and forested with some residential development, approximately 20-30 residential structures. In the event of a breach, it is estimated that the average breach width would be 106 feet with a maximum breach flow of 10,103 cubic feet per second according to the National Weather Service (NWS) Dam Break Equation. A dam breach could result in an estimated depth of up to 5 feet, with the highest depth in the immediate area of the dam.

#### **Conklingville Dam**

Conklingville Dam is an earthen dam located in the Town of Hadley. The dam is owned by the Hudson River-Black River Regulating District. It was constructed in 1930 for hydroelectric purposes. Maximum storage capacity is 792,000 acre-feet. In the event of a breach, a dam failure could cause limited infrastructure damage, minor power outages and could disrupt utility systems. The area within a 5-mile radius of the dam is rural and forested with some residential development, approximately 100-150 residential structures. In the event of a breach, it is estimated that the average breach width would be 896 feet with a maximum breach flow of

<sup>8</sup> National Inventory of Dams

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1,812,415 cubic feet per second according to the National Weather Service (NWS) Dam Break Equation. A dam breach could result in an estimated depth of up to 30 feet, with the highest depth in the immediate area of the dam.

There are no reported dam failure events or other dam incidents recorded during the reporting period. While the Town of Corinth is profiling dam failure, there are no known incidents, events, or damages as a result of dam failure in the planning area.

### *PROBABILITY OF FUTURE EVENTS*

Based on historical occurrences of dam failures, the probability for future events is considered “Unlikely” for the Town of Corinth, meaning an event is possible in the next ten years.

### *VULNERABILITY AND IMPACT*

The Town of Corinth planning team members identified critical facilities as assets that are considered the most important to the planning area and are susceptible to a range of potential hazard impacts. Impacts to critical facilities located in estimated inundation zones are listed in Section 5.

**Table F-11. Critical Facilities Vulnerable to Dam Failure Events**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 Municipal

Flooding is the most prominent effect of dam failure. If the dam failure is extensive, a large amount of water would enter the downstream waterways forcing them out of their banks. There may be significant environmental effects, resulting in flooding that could disperse debris and hazardous materials downstream that can damage local ecosystems. If the event is severe, debris carried downstream can block traffic flow, cause power outages, and disrupt local utilities.

Annualized loss-estimates for dam failure are not available; neither is there a breakdown of potential dollar losses for critical facilities, infrastructure and lifelines, or hazardous-materials facilities. Historically, the overall severity of impact from a dam failure for the Town of Corinth would be considered “Limited,” meaning it could result in injuries that can be treated with first-aid, critical facilities being shut down for 24-hours or less and less than 10 percent of the property in the estimated breach inundation area destroyed or with major damage.

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### DROUGHT

#### *HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES*

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the drought hazard for each participating jurisdiction (Section 6). Drought conditions are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area. Historical drought data for the County, including the Town of Corinth, are provided on a County-wide basis per the NCEI database. Therefore, all historical events are listed in Section 6 of the Plan Update.

#### *PROBABILITY OF FUTURE EVENTS*

According to historical records for the Saratoga County planning area, the Town of Corinth can expect to experience a drought event approximately once every one to two years. This frequency supports a “Highly Likely” probability of future events.

#### *VULNERABILITY AND IMPACT*

While the entirety of the Saratoga County planning area, including the Town of Corinth, is exposed to drought events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, drought impacts are mostly experienced in water shortages, breaks in water lines, or crop and livestock losses on agricultural lands and typically have minimal impact on buildings.

The Town of Corinth planning team members identified critical facilities as assets that are considered the most important to the planning area and are susceptible to a range of potential hazard impacts caused by drought events. Drought impacts to critical facilities are similar across the entire planning area and are listed in detail in the drought hazard profile (Section 6). The following critical facilities would be vulnerable to drought events in the Town of Corinth:

**Table F-12. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Service Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-13).

**Table F-13. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Historic losses are reported on a county-wide basis. Please see Section 6 of this Plan for additional information on historical and annualized losses for the entire planning area.

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### EARTHQUAKE

#### *HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES*

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the earthquake hazard for each participating jurisdiction (Section 7). The concentration of earthquakes in New York State is located in three general regions. The Saratoga Planning area is located in one of these general regions that includes the northeast third of the State. There is no geographic boundary to the hazard within the planning area therefore the risk is considered similar for all participating jurisdictions throughout Saratoga County. Historical earthquake data for the County, including the Town of Corinth, are provided on a County-wide basis per the USGS database. Therefore, all historical events are listed in Section 7 of the Plan Update.

#### *PROBABILITY OF FUTURE EVENTS*

According to the USGS, the entire Saratoga County planning area, including Town of Corinth, has a five to twenty-five percent chance of a slightly damaging (or greater) earthquake within 100 years. Based on historical records, the probability of an earthquake affecting the planning area is “Unlikely,” meaning that an event is probable in the next 10 years.

#### *VULNERABILITY AND IMPACT*

While the entirety of the Saratoga County planning area, including the Town of Corinth, is exposed to earthquake events, damaging earthquakes for the planning area are exceedingly rare. With no significant historical events recorded, neither annualized loss-estimates or a breakdown of potential dollar losses of critical facilities and infrastructure from earthquakes are available. According to the New York State Hazard Mitigation Plan there have been no known impacts to structures or infrastructure in the area due to earthquakes.

The lack of historical events or impacts supports a “Limited” severity of impact meaning injuries and/or illnesses are treatable with first aid, shutdown of facilities and services for 24 hours or less, and less than 10 percent of property is destroyed or with major damage.

The Town of Corinth planning team members identified critical facilities as assets that are considered the most important to the planning area and are susceptible to a range of potential hazard impacts caused by earthquake events. Earthquake impacts to critical facilities are similar across the entire planning area and are listed in detail in the earthquake hazard profile (Section 7). The following critical facilities would be vulnerable to earthquake events in the Town of Corinth:

**Table F-14. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Service Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-15).

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**Table F-15. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Historic losses are reported on a county-wide basis. Please see Section 7 of this Plan for additional information on historical and annualized losses for the entire planning area.

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### EXTREME COLD

#### *HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES*

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the extreme cold hazard for each participating jurisdiction (Section 8). Extreme cold events are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area. For the purposes of evaluating this hazard, the following NCEI reporting categories are included under extreme cold: cold/wind chill, extreme cold, and frost/freeze. Historical extreme cold data for the County, including the Town of Corinth, are provided on a county-wide basis per the NCEI database. Therefore, all historical events are listed in Section 8 of the Plan Update.

#### *PROBABILITY OF FUTURE EVENTS*

According to historical records for the Saratoga County planning area, the Town of Corinth can expect to experience approximately three to four extreme cold events each year. This frequency supports a “Highly Likely” probability of future events.

#### *VULNERABILITY AND IMPACT*

While the entirety of the Saratoga County planning area, including the Town of Corinth, is exposed to extreme cold events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, the Town of Corinth planning team members identified the following critical facilities (Table F-16) as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by this hazard. Extreme cold impacts to critical facilities are similar across the entire planning area and are listed in detail in the extreme cold hazard profile (Section 8). The following critical facilities would be vulnerable to extreme cold events in the Town of Corinth:

**Table F-16. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Services Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-17).

**Table F-17. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Historic losses are reported on a county-wide basis. Please see Section 8 of this Plan for additional information on historical and annualized losses for the entire planning area.

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### EXTREME HEAT

#### *HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES*

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the extreme heat hazard for each participating jurisdiction (Section 9). Extreme heat events are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area. Historical extreme heat data for the County, including the Town of Corinth, are provided on a County-wide basis per the NCEI database. Therefore, all historical events are listed in Section 9 of the Plan Update.

#### *PROBABILITY OF FUTURE EVENTS*

According to historical records for the Saratoga County planning area, the Town of Corinth can expect to experience an extreme heat event approximately once every year. This frequency supports a “Highly Likely” probability of future events.

#### *VULNERABILITY AND IMPACT*

While the entirety of the Saratoga County planning area, including the Town of Corinth, is exposed to extreme heat events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, the Town of Corinth planning team members identified the following critical facilities (Table F-18) as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by this hazard. Extreme heat impacts to critical facilities are similar across the entire planning area and are listed in detail in the extreme heat hazard profile (Section 9). The following critical facilities would be vulnerable to extreme heat events in the Town of Corinth:

**Table F-18. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Services Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-19).

**Table F-19. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Historic losses are reported on a county-wide basis. Please see Section 9 of this Plan for additional information on historical and annualized losses for the entire planning area.

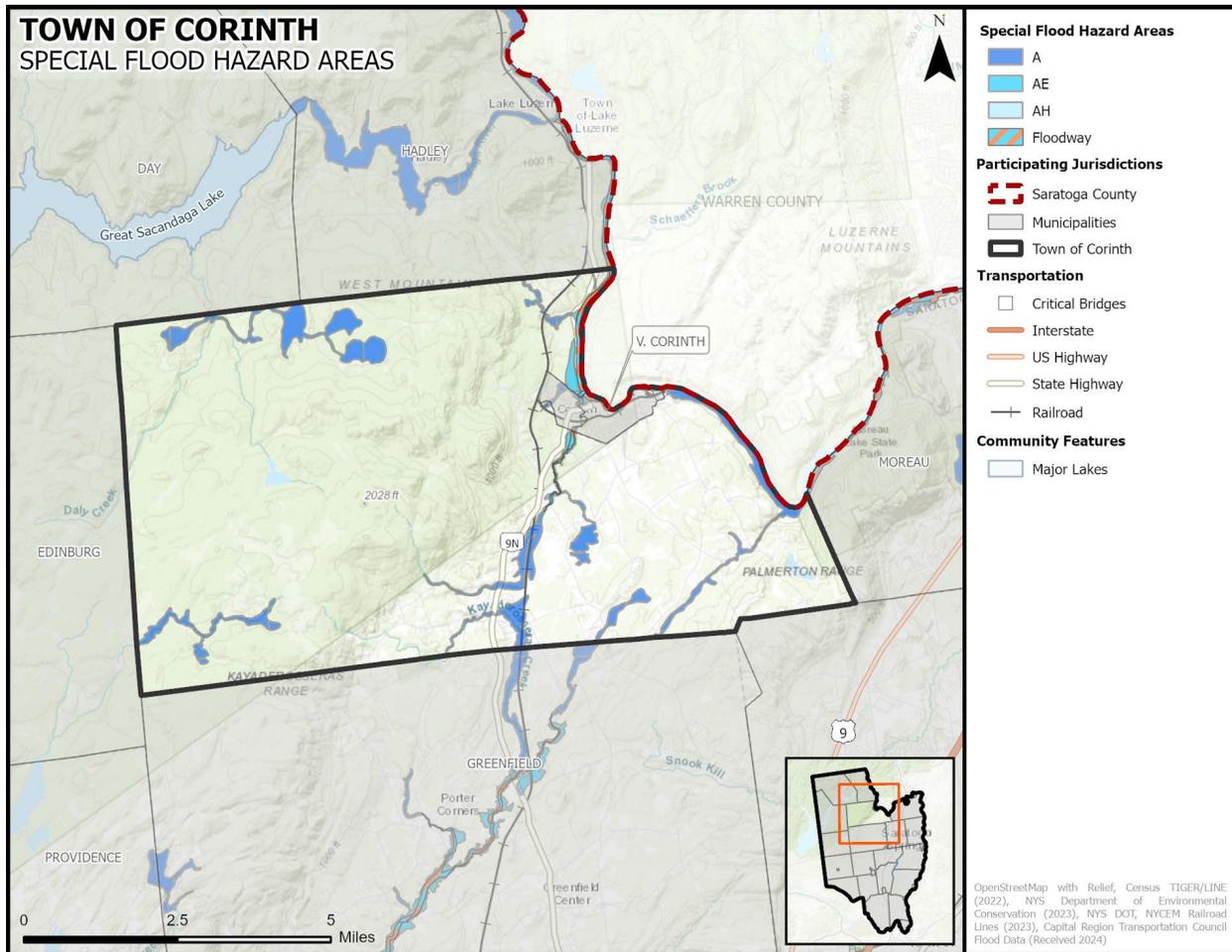
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## FLOOD

### HAZARD DESCRIPTION, LOCATION, & EXTENT

The Saratoga County Hazard Mitigation Plan Update provides a hazard description and extent of the flood hazard for the entire Saratoga County planning area in Section 10. Full flood zone delineations are available in the Town of Corinth including some areas with base flood elevations. The location of estimated flood zones for the Town of Corinth, based on data provided by the Capitol Region Transportation Council, is provided in Figure F-2. FEMA's regulatory flood insurance rate maps are available for all jurisdictions in Appendix H.

Figure F-2. Estimated Flood Zones in the Town of Corinth



### HISTORICAL OCCURRENCES

Table F-20 provides the historical occurrences of flood events for the Town of Corinth according to the National Oceanic and Atmospheric Administration (NOAA) Storm Prediction Center, National Centers for Environmental Information (NCEI) database for Saratoga County. From January 1996 through June 2024, two flood events were known to have impacted the Town of Corinth, based upon NCEI records. Flood events are often reported on a county-wide basis, or under-reported for individual municipalities, particularly in smaller communities.

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**Table F-20. Historical Flood Events, 1996-2024**

JURISDICTION	DATE	DEATHS	INJURIES	PROPERTY DAMAGE	CROP DAMAGE
Town of Corinth	10/1/2010	0	0	\$0	\$0
	12/18/2023	0	0	\$2,000	\$0
<b>Totals</b>		<b>0</b>	<b>0</b>	<b>\$2,000</b>	

Based on the list of historical flood events for the Town of Corinth, one reported event has occurred since the 2019 Plan.

### *PROBABILITY OF FUTURE EVENTS*

While some incidents may be reported at the local municipal level, as indicated above, County level events provide a more robust risk assessment for each participating jurisdiction. According to historical records for the Saratoga County planning area, the Town of Corinth can expect to experience approximately five flood events every year. This frequency supports a “Highly Likely” probability of future events.

### *VULNERABILITY AND IMPACT*

The Town of Corinth planning team members identified critical facilities as assets that are considered the most important to the planning area and are susceptible to a range of potential impacts from a variety of natural hazards, including those facilities located in the regulatory floodplain. Table F-21 includes the critical facilities in the Town of Corinth located in the floodplain. Impacts to critical facilities located in the floodplain are listed in detail in flood hazard profile (Section 10).

**Table F-21. Critical Facilities in the Floodplain**

JURISDICTION	CRITICAL FACILITY	FACILITY TYPE	FLOODPLAIN (1% or 0.2%)
Town of Corinth	Jessup's Landing ALS Agency	EMS	1%
	Corinth Village Wastewater Treatment Plant	Sewage and Water	1%
	Corinth Village Well Pumphouse	Sewage and Water	1%

Historic loss estimates due to flood are presented in Table F-22 below.

**Table F-22. Potential Annualized Losses, 1996-2024<sup>9</sup>**

JURISDICTION	NUMBER OF EVENTS	PROPERTY & CROP LOSS	ANNUAL LOSS ESTIMATES
Town of Corinth	2	\$2,000	\$100

While all citizens are at risk of the impacts of a flood, forced relocation and disaster recovery drastically impacts low-income residents who lack the financial means to travel, afford a long-term stay away from home, and to rebuild or repair their homes. The population over 65 in the Town

<sup>9</sup> Historical events are reported from 1996 through 2023; values are in 2024 dollars.

## ANNEX F: TOWN OF CORINTH

of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-23).

**Table F-23. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

The severity of a flooding event varies depending on the relative risk to citizens and structures located within each jurisdiction. Table F-24 depicts the level of impact for the Town of Corinth.

**Table F-24. Town of Corinth Impact**

JURISDICTION	IMPACT	DESCRIPTION
Town of Corinth	Limited	The Town of Corinth could have limited property damage with critical facilities typically shut down for 24 hours or less, and less than 10 percent of property would be destroyed or damaged.

### *NATIONAL FLOOD INSURANCE PROGRAM (NFIP) PARTICIPATION*

The Town of Corinth currently participates in the National Flood Insurance Program and is in good standing. The community has adopted a flood damage prevention ordinance that includes the minimum requirements for development in special flood hazard areas.

### *NFIP COMPLIANCE AND MAINTENANCE*

The Town of Corinth has developed mitigation actions that relate to NFIP participation, maintenance or compliance. Compliance and maintenance actions can be found in Section 23. Flooding was identified by the Town of Corinth as a high-risk hazard during hazard ranking activities at the Risk Assessment Workshop. Many of the mitigation actions for the jurisdiction were developed with flood mitigation in mind.

The Town of Corinth Building Inspector is designated as the local floodplain administrator and is responsible for maintaining compliance in the NFIP through development regulations as outlines in the community flood damage prevention ordinance (Table F-25). The local flood damage prevention ordinance is available for review at the local floodplain administrator’s office. In addition, the ordinance can be viewed using the link provided below (Table F-25).

**Table F-25. Flood Damage Prevention Ordinance**

JURISDICTION	FLOOD DAMAGE PREVENTION ORDINANCE
Town of Corinth	<a href="https://ecode360.com/7213219#7213219">https://ecode360.com/7213219#7213219</a>

The floodplain administrator is responsible for

- Permitting and inspecting construction activity in the floodplain
- Ensuring conformance with floodplain permit requirements

## ANNEX F: TOWN OF CORINTH

- Enforcing floodplain regulations
- Identifying Substantially Damaged structures and ensuring compliance during reconstruction
- Identifying Substantial Improvements in proposed development permit applications and ensuring compliance during construction
- Providing floodplain map and flood insurance information to the public
- Coordinating with FEMA to maintain the community's participation in the NFIP
- Keeping records of construction in the floodplain

Table F-26 provides the most recent Community Assistance Visits (CAV) and Community Assistance Calls (CAC) dates along with the current status for the jurisdiction.

**Table F-26. Compliance History**

JURISDICTION	DATE OF LAST CAV	DATE OF LAST CAC	CURRENT NFIP STATUS	POLICIES IN FORCE
Town of Corinth	7/11/2011	08/14/2008	Good Standing	8

### *REPETITIVE LOSS*

The Town of Corinth currently has no repetitive loss or severe repetitive loss properties.

# ANNEX F: TOWN OF CORINTH

## HAIL

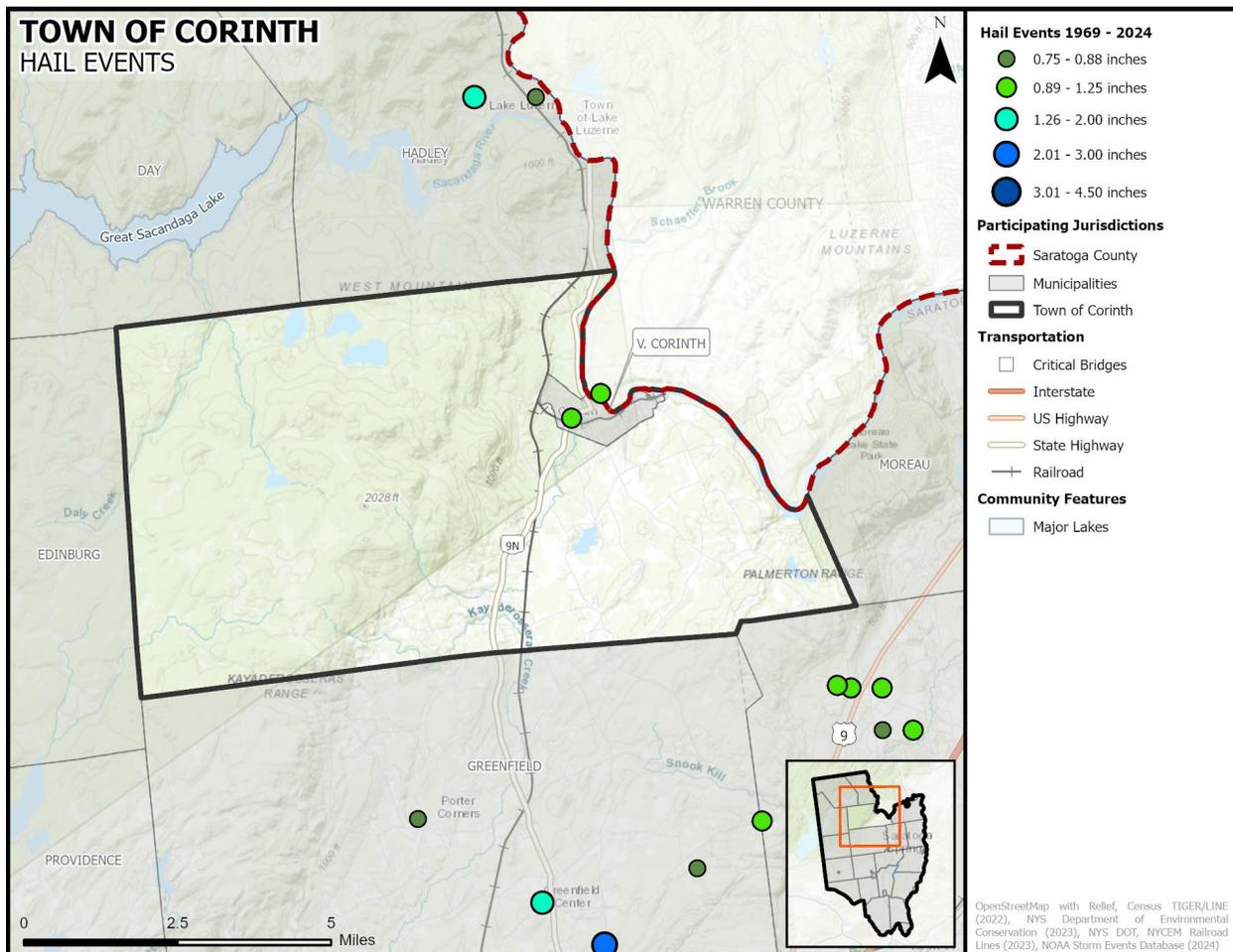
### HAZARD DESCRIPTION, LOCATION, & EXTENT

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location and extent of the hail hazard for each participating jurisdiction (Section 11). Hail events are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area.

### HISTORICAL OCCURRENCES

Historical evidence shown in Figure F-3 demonstrates that the Town of Corinth is vulnerable to hail events overall. Historical events are shown in Table F-27. A total of two reported historical hail events impacted the Town of Corinth from January 1969 through June 2024; these events were reported to NCEI and NOAA databases and may not represent all hail events to have occurred during the past 55.5 years. Only those events for the Town of Corinth with latitude and longitude available were plotted (Figure F-3).

**Figure F-3. Historical Hail Events, 1969-2024**



## ANNEX F: TOWN OF CORINTH

**Table F-27. Historical Hail Events, 1969-2024<sup>10</sup>**

JURISDICTION	DATE	MAGNITUDE (inches)	DEATHS	INJURIES	PROPERTY DAMAGE	CROP DAMAGE
Town of Corinth	6/15/2009	1	0	0	\$0	\$0
	6/6/2023	1	0	0	\$0	\$0
<b>TOTALS</b>		<b>(Max Extent)</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>

Based on the list of historical hail events for the Town of Corinth, one reported event have occurred since the 2019 Plan.

### *PROBABILITY OF FUTURE EVENTS*

Historical hail events are reported on a county-wide basis. While some incidents may be reported at the local municipal level, as indicated above, county level events provide a more robust risk assessment for each participating jurisdiction. According to historical records for the Saratoga County planning area, the Town of Corinth can expect a hail event approximately three to four events every year. This frequency supports a “Highly Likely” probability of future events.

### *VULNERABILITY AND IMPACT*

The Town of Corinth planning team members identified the following critical facilities as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by hailstorm events. Hail impacts to critical facilities are similar across the entire planning area and are listed in detail in the hail hazard profile (Section 11).

**Table F-28. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Service Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

The U.S. Census data indicates a total of 426 (14 percent of total housing stock) manufactured homes located in the Town of Corinth. In addition, 62 percent (approximately 1967 structures) of the housing structures in the Town of Corinth were built before 1980. These structures would typically be built to lower or less stringent construction standards than newer construction and may be more susceptible to damages during significant hail events.

**Table F-29. Structures at Greater Risk**

JURISDICTION	MANUFACTURED HOMES	SFRR STRUCTURES BUILT BEFORE 1980
Town of Corinth	426	1,967

While all citizens are at risk of the impacts of hail, forced relocation and disaster recovery drastically impacts low-income residents who lack the financial means to travel, afford a long-term stay away from home, and to rebuild or repair their homes. The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of

<sup>10</sup> Historical events are reported from 1969 through 2024; values are in 2024 dollars.

## ANNEX F: TOWN OF CORINTH

the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-30).

**Table F-30. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Overall, the average loss estimate of property and crops in the Town of Corinth is \$0 with an average annualized loss of \$0. Based on historic loss and damages, the impact of hail damages on the Town of Corinth can be considered “Limited” severity of impact, meaning minor quality of life lost, critical facilities and services shut down for 24 hours or less, and less than 10 percent of property destroyed or with major damage.

**Table F-31. Estimated Annualized Losses**

JURISDICTION	TOTAL PROPERTY & CROP LOSS	ANNUAL LOSS ESTIMATE
Town of Corinth	\$0	\$0

## ANNEX F: TOWN OF CORINTH

### HURRICANE / TROPICAL STORM

#### *HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES*

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the hurricane/tropical storm hazard for each participating jurisdiction (Section 12). The location of the Saratoga County planning area is approximately 170 miles from the coast making the planning area, including Town of Corinth, vulnerable to threats directly and indirectly related to a hurricane event, such as high-force winds and flooding. There is no geographic boundary to the hazard therefore the risk is considered similar for all participating jurisdictions throughout Saratoga County, including the Town of Corinth. Historical hurricane data for the planning area, including the Town of Corinth, are provided on a regional basis per the NCEI database. Therefore, all historical events are listed in Section 12 of the Plan Update.

#### *PROBABILITY OF FUTURE EVENTS*

According to NOAA Historical Hurricane Tracks there have been six hurricanes or tropical storms track across or near the planning area between January 1996 and June 2024. The probability of a hurricane or tropical storm affecting the planning area is considered “Occasional”, meaning that an event is probable in the next five years.

#### *VULNERABILITY AND IMPACT*

Hurricane and tropical storm events can cause major damage to large areas; hence, all existing buildings, facilities, and populations are equally exposed and vulnerable to this hazard and could potentially be impacted. The lack of historical impacts to the entire Saratoga County planning area supports a “Limited” severity of impact meaning injuries and/or illnesses are treatable with first aid, shutdown of facilities and services for 24 hours or less, and less than ten percent of property is destroyed or with major damage.

The Town of Corinth planning team members identified the following critical facilities as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by hurricane events. Hurricane impacts to critical facilities are similar across the entire planning area and are listed in detail in the hurricane hazard profile (Section 12). The following critical facilities would be vulnerable to earthquake events in the Town of Corinth:

**Table F-32. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Service Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-33).

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**Table F-33. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Historic losses are typically reported on a county-wide basis. Please see Section 12 of this Plan for additional information on historical and annualized losses for the entire planning area.

## ANNEX F: TOWN OF CORINTH

### ICE STORM

#### *HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES*

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the ice storm hazard for each participating jurisdiction (Section 13). Ice storm events are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area. For the purposes of evaluating this hazard, the following NCEI reporting categories are included under ice storm: sleet, freezing fog, and ice storm. Historical ice storm data for the county, including the Town of Corinth, are provided on a county-wide basis per the NCEI database. Therefore, all historical events are listed in Section 13 of the Plan Update.

#### *PROBABILITY OF FUTURE EVENTS*

According to historical records for the Saratoga County planning area, the Town of Corinth can expect to experience an ice storm event approximately every five years. This frequency supports a “Occasional” probability of future events.

#### *VULNERABILITY AND IMPACT*

While the entirety of the Saratoga County planning area, including the Town of Corinth, is exposed to ice storm events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, the Town of Corinth planning team members identified the following critical facilities (Table F-34) as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by this hazard. Ice storm impacts to critical facilities are similar across the entire planning area and are listed in detail in the ice storm hazard profile (Section 13). The following critical facilities would be vulnerable to ice storm events in the Town of Corinth:

**Table F-34. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Services Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-35).

**Table F-35. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Historic losses are reported on a county-wide basis. Please see Section 13 of this Plan for additional information on historical and annualized losses for the entire planning area.

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### LANDSLIDE

The Town of Corinth has no known areas susceptible or prone to landslides (Section 14). The Town of Corinth has no known historical occurrences of landslides and does not anticipate any landslide events in the future. The municipality has determined that this hazard is not a threat to the community and therefore does not require further analysis.

## ANNEX F: TOWN OF CORINTH

### LIGHTNING

#### HAZARD DESCRIPTION, LOCATION, & EXTENT

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location and extent of the lightning hazard for each participating jurisdiction (Section 15). Lightning events are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area.

#### HISTORICAL OCCURRENCES

There have been no recorded lightning events in the Town of Corinth from 1996 through June 2024. The NCEI is a national data source organized under the National Oceanic and Atmospheric Administration and considered a reliable resource for hazards. However, historical lightning events have only been reported as independent events to the NCEI in recent years and remain widely underreported. The flash density for the planning area along with input from local team members was utilized in evaluating the jurisdiction's risk. The flash density for the entire planning area indicates regular occurrences of lightning events that simply are not being reported.

#### PROBABILITY OF FUTURE EVENTS

Based on historical records and input from the planning team the probability of occurrence for future lightning events in the Town of Corinth is considered "Highly Likely," or an event probable in the next year. The planning team stated that lightning occurs regularly in the area.

#### VULNERABILITY AND IMPACT

The Town of Corinth planning team members identified the following critical facilities as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by lightning events. Lightning impacts to critical facilities are similar across the entire planning area and are listed in detail in the lightning hazard profile (Section 15).

**Table F-36. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Service Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

While all citizens are at risk to the impacts of lightning, forced relocation and disaster recovery drastically impacts low-income residents who lack the financial means to travel, afford a long-term stay away from home, and to rebuild or repair their homes. The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town's total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town's total population. An estimated 9.8 percent of the Town of Corinth's population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-37).

**Table F-37. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

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With no historical lightning events or losses, the impacts of lightning events can be considered “Limited” with injuries or illness treatable with first aid, critical facilities and services shut down for 24 hours or less, and less than 10 percent of property destroyed. Overall, the average losses anticipated for the Town of Corinth due to lightning are considered negligible.

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### SNOW STORM

#### *HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES*

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the snow storm hazard for each participating jurisdiction (Section 16). Snow storm events are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area. For the purposes of evaluating this hazard, the following NCEI reporting categories are included under snow storm: blizzard, heavy snow, and winter storm. Historical snow storm data for the County, including the Town of Corinth, are provided on a county-wide basis per the NCEI database. Therefore, all historical events are listed in Section 16 of the Plan Update.

#### *PROBABILITY OF FUTURE EVENTS*

According to historical records for the Saratoga County planning area, the Town of Corinth can expect to experience a snow storm event approximately 13 times each year. This frequency supports a “Highly Likely” probability of future events.

#### *VULNERABILITY AND IMPACT*

While the entirety of the Saratoga County planning area, including the Town of Corinth, is exposed to snow storm events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, the Town of Corinth planning team members identified the following critical facilities (Table F-38) as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by this hazard. Snow storm impacts to critical facilities are similar across the entire planning area and are listed in detail in the snow storm hazard profile (Section 16). The following critical facilities would be vulnerable to snow storm events in the Town of Corinth:

**Table F-38. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Services Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-39).

**Table F-39. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Historic losses are reported on a county-wide basis. Please see Section 16 of this Plan for additional information on historical and annualized losses for the entire planning area.

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### TORNADO

#### HAZARD DESCRIPTION, LOCATION, & EXTENT

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location and extent of the tornado hazard for each participating jurisdiction (Section 17). The risk of a tornado is not confined to specific geographic boundaries and the risk of an event is considered similar for all participating jurisdictions throughout the planning area.

#### HISTORICAL OCCURRENCES

According to the National Centers for Environmental Information (NCEI) Storm Events database, from January 1974 through June 2024, no tornado events are known to have impacted the Town of Corinth. Based on the list of historical tornado events for the Town of Corinth, there have been no recorded events since the 2019 Plan.

#### PROBABILITY OF FUTURE EVENTS

Historical tornado events are often reported on a county-wide basis, particularly when multiple smaller jurisdictions are impacted. While some incidents may be reported at the local municipal level, county level events provide a more robust risk assessment for each participating jurisdiction due to their similar geographic locations. According to historical records for the Saratoga County planning area, the Town of Corinth can expect to experience a tornado event once every three to four years. This frequency supports an “Likely” probability of future events.

#### VULNERABILITY AND IMPACT

The Town of Corinth planning team members identified the following critical facilities as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by tornado events. Tornado impacts to critical facilities are similar across the entire planning area and are listed in detail in the tornado hazard profile (Section 17).

**Table F-40. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Services Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

According to the American Community Survey (ACS) five-year estimates for 2022, a total of 426 manufactured homes are located in the Town of Corinth (14 percent of total housing stock). In addition, 62 percent (approximately 1,967 structures) of the housing units were built before 1980. These structures would typically be built to lower or less stringent construction standards than newer construction and may be more susceptible to damage during tornado events.

**Table F-41. Structures at Greater Risk**

JURISDICTION	SFR STRUCTURES BUILT BEFORE 1980	MANUFACTURED HOMES
Town of Corinth	1,967	426

While all citizens are at risk to the impacts of a tornado event, forced relocation and disaster recovery drastically impacts low-income residents who lack the financial means to travel, afford a long-term stay away from home, and to rebuild or repair their homes. The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9

## ANNEX F: TOWN OF CORINTH

percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-42).

**Table F-42. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

The total annual loss estimate due to tornado events is \$0 (in 2024 dollars), having an approximate annual loss estimate of \$0. Based on historic damages and best available data the impact of a tornado event on the Town of Corinth would be considered “Limited,” with injuries and illness treatable with first aid, critical facilities and services shutdown for 24-hours or less and less than 10 percent of properties destroyed or with major damage.

**Table F-43. Estimated Average Annual Losses**

JURISDICTION	TOTAL PROPERTY & CROP LOSS	AVERAGE ANNUAL LOSS ESTIMATES
Town of Corinth	\$0	\$0

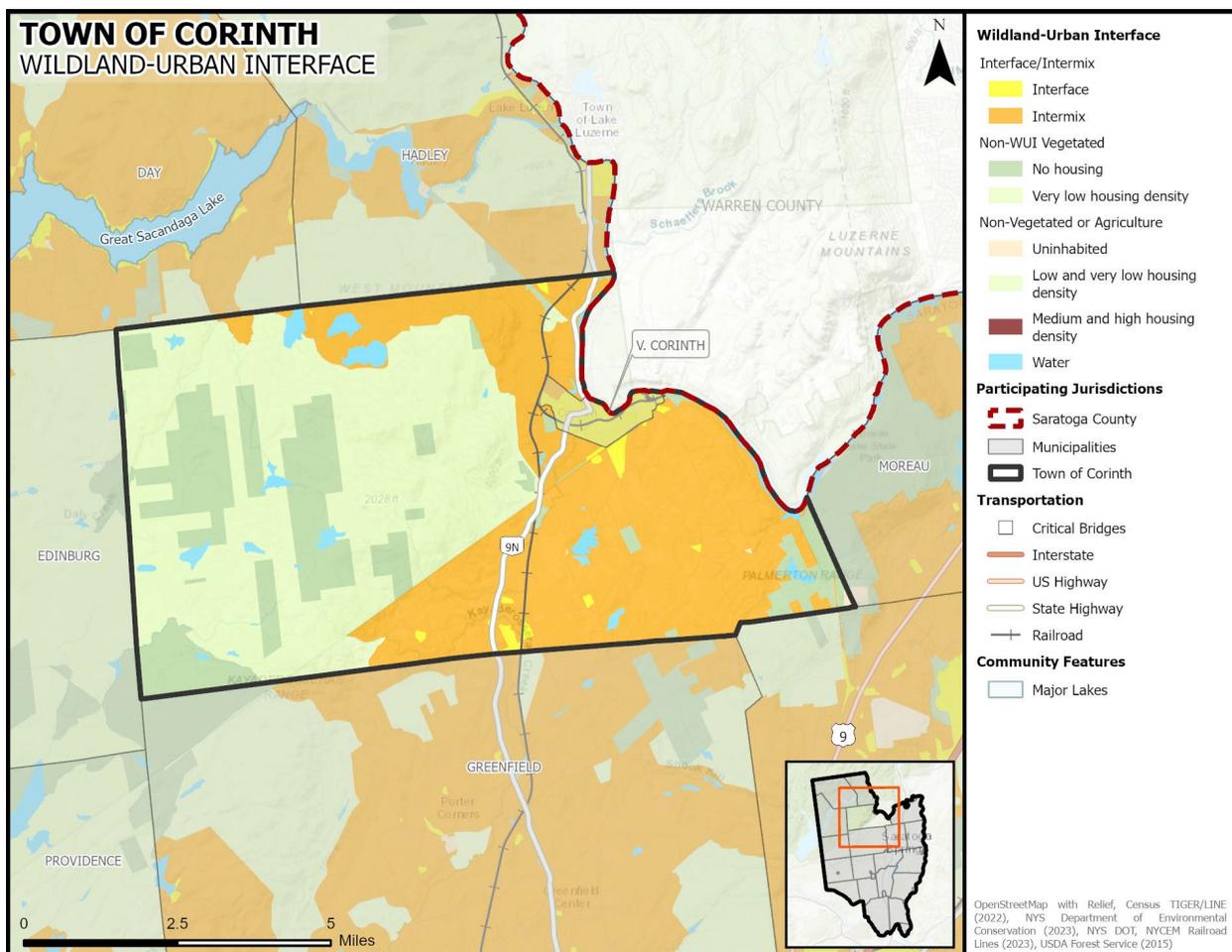
# ANNEX F: TOWN OF CORINTH

## WILDFIRE

### HAZARD DESCRIPTION, & LOCATION

The Saratoga County Hazard Mitigation Plan Update provides a hazard description of the wildfire hazard for each participating jurisdiction (Section 18). A wildfire event can be a potentially damaging consequence of drought conditions, lightning, or wind event, if the conditions allow. Wildfires can vary greatly in terms of size, location, intensity, and duration. While wildfires are not confined to any specific geographic location, they are most likely to occur in open grasslands, highly vegetative areas, or along the forest floor, when conditions are favorable. The threat to people and property from a wildfire event is greater in the fringe areas where developed areas meet open grass lands, such as the Wildland Urban Interface (WUI). (Figure F-4). The Town of Corinth planning area is considered at low risk for wildfires with limited WUI areas.

**Figure F-4. Town of Corinth Wildland Urban Interface Map**



The New York State Department of Environmental Conservation (NYS DEC), Division of Forest Protection regularly identifies Fire Danger Rating Area (FDRA) Risk across the state. Reviewing a combination of temperature, wind, relative humidity, fuel and/or drought conditions, the Division of Forest Protection issues color coded danger alerts. The entire planning area, including the Town of Corinth, had a “Moderate” FDRA Risk rating as of October 2024 (Section 18, Figure 18-2).

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### *EXTENT*

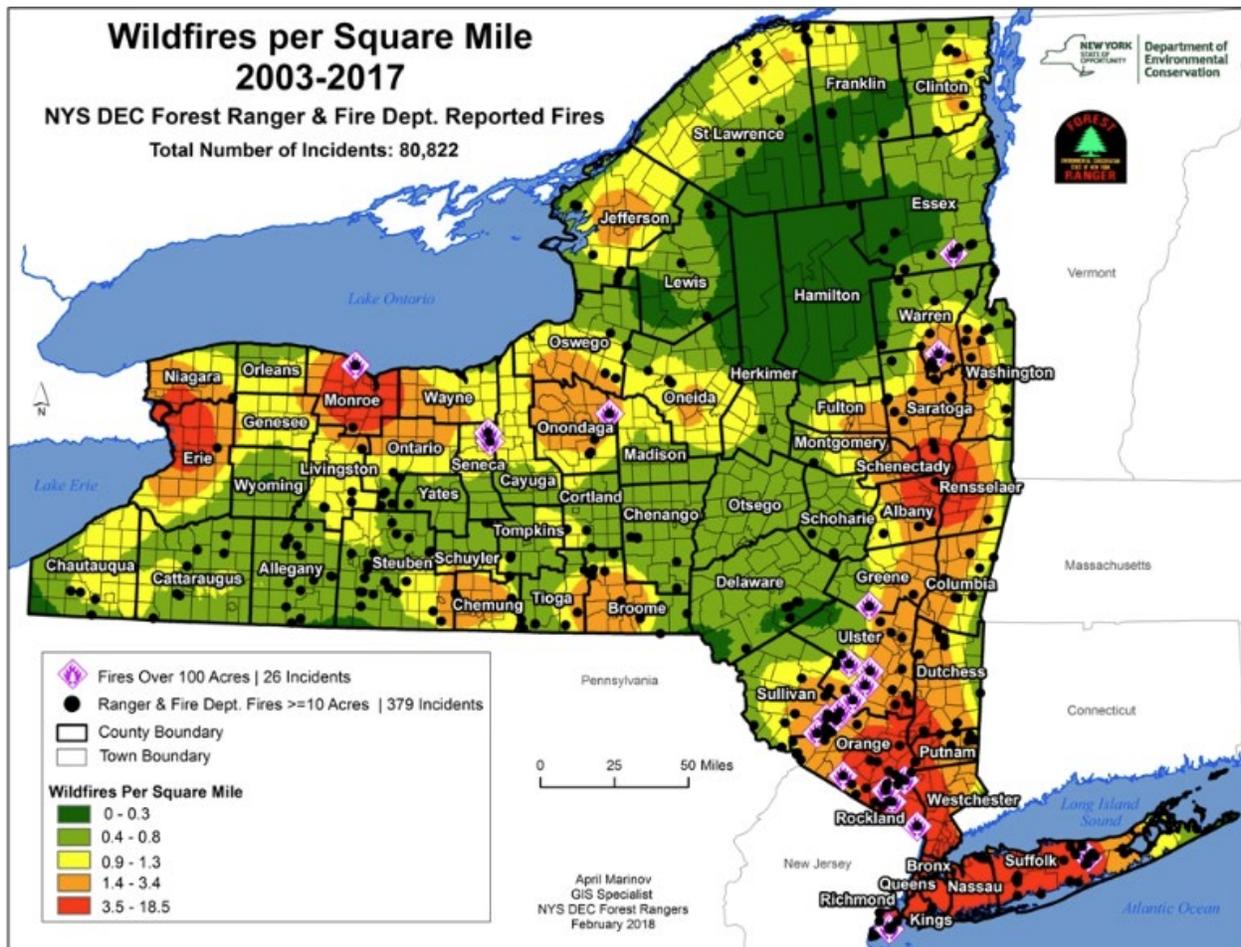
Risk for a wildfire event is measured in terms of magnitude and intensity using the Keetch Byram Drought Index (KBDI), a mathematical system for relating current and recent weather conditions to potential or expected fire behavior. The KBDI is available at the county level. The Saratoga County Hazard Mitigation Plan Update provides KBDI levels and descriptions along with the range of historical KBDI levels for the planning area (Section 18).

The average extent to be mitigated for the planning area is a KBDI of 300 to 400. At this level fires more readily burn and will carry across an area with no gaps. Heavier fuels will not readily ignite and burn. Expect smoldering and the resulting smoke to carry into and possibly through the night. Based on historical records and readily available fuel, the planning area can anticipate a KBDI range from 0 to 500. At the high end of this range fire intensity begins to significantly increase. Fires will readily burn in all directions exposing mineral soils in some locations. Larger fuels may burn or smolder for several days creating possible smoke and control problems.

The NYS DEC provides historical wildfire statistics from 2003 through 2017 (Figure F-5). Detailed data on historic wildfires in the planning area, including damages, acres burned, fatalities, or injuries, was not available. There were ten wildfires greater than 10 acres in Saratoga County during that same period, with the greatest wildfires per square mile occurring in the southern portions of the county. The Saratoga County planning area can anticipate limited future wildfire events, typically burning less than 10 acres with infrequent events exceeding 10 acres.

## ANNEX F: TOWN OF CORINTH

Figure F-5. Wildfires per Square Mile, 2003-2017



### *HISTORICAL OCCURRENCES*

Between 2008 and 2022 there were 62 wildfire events in Saratoga County. These incidents are reported county-wide. Most of the incidents were timber fires (48), followed by grass fires (8), brush (4), and slash (2). Based on data provided for historical wildfire events for Saratoga County planning area, 19 events have occurred since the 2019 Plan.

### *PROBABILITY OF FUTURE EVENTS*

With 62 events in a 15-year period, a wildfire event within Saratoga County planning area, including Saratoga County, is “Highly Likely” meaning an event is probable within the next year.

### *VULNERABILITY AND IMPACT*

The Town of Corinth planning team members identified the following critical facilities as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by wildfire events. Wildfire impacts to critical facilities are similar across the entire planning area and are listed in detail in the wildfire hazard profile (Section 18).

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**Table F-44. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Service Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

For the Town of Corinth, the impact from a wildfire event can be considered "Limited," meaning injuries and/or illnesses are treatable with first aid, complete shutdown of facilities and services for 24-hours or less and less than 10 percent of property is destroyed or with major damage. Severity of impact is gauged by acreage burned, homes and structures lost, injuries and fatalities.

## ANNEX F: TOWN OF CORINTH

### WIND

#### HAZARD DESCRIPTION, LOCATION, & EXTENT

The Saratoga County Hazard Mitigation Plan Update provides a hazard description, location and extent of the wind hazard for each participating jurisdiction (Section 19). Wind events are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area.

#### HISTORICAL OCCURRENCES

Since 1960, 25 wind events are known to have occurred in the Town of Corinth. Table F-45 presents information on known historical events impacting the Town of Corinth.

**Table F-45. Historical Wind Events, 1960-2024<sup>11</sup>**

JURISDICTION	DATE	TIME	MAGNITUDE (knots)	DEATHS	INJURIES	PROPERTY DAMAGE	CROP DAMAGE
Town of Corinth	7/4/1983	1345	0	0	0	0	0
	7/12/1987	1120	0	0	0	0	0
	7/26/1987	1548	0	0	0	0	0
	8/14/1988	1810	0	0	0	0	0
	6/27/1989	2130	0	0	0	0	0
	8/13/1990	1600	0	0	0	0	0
	6/12/1996	1915	-	0	0	\$7,900	0
	7/15/1997	1412	-	0	0	\$7,700	0
	8/5/2012	1850	50	0	0	0	0
	7/8/2014	2006	50	0	0	0	0
	7/8/2014	2000	50	0	0	0	0
	4/7/2016	1526	50	0	0	0	0
	7/1/2017	1347	50	0	0	0	0
	5/19/2019	1714	50	0	0	0	0
	7/30/2019	1646	50	0	0	0	0
	8/17/2019	1620	50	0	0	0	0
	8/17/2019	1619	50	0	0	0	0
	5/15/2020	1659	50	0	0	0	0
	5/29/2020	1652	50	0	0	0	0
	6/21/2021	1950	50	0	0	0	0
	6/21/2021	1952	50	0	0	0	0
	7/20/2021	1925	50	0	0	0	0

<sup>11</sup> Historical events are reported from 1960 through 2024. Magnitude is listed when available. Damage values are in 2024 dollars.

## ANNEX F: TOWN OF CORINTH

JURISDICTION	DATE	TIME	MAGNITUDE (knots)	DEATHS	INJURIES	PROPERTY DAMAGE	CROP DAMAGE
	9/8/2021	1722	50	0	0	0	0
	7/12/2022	1300	50	0	0	0	0
	6/20/2024	1600	55	0	0	0	0
<b>TOTALS</b>			<b>(MAX EXTENT)</b>	<b>0</b>	<b>0</b>	<b>\$15,600</b>	<b>\$0</b>

Based on the list of historical wind events for the Town of Corinth, 12 of the reported events have occurred since the 2019 Plan.

### *PROBABILITY OF FUTURE EVENTS*

Historical wind events are typically reported on a county-wide basis. While some incidents may be reported at the local municipal level, as indicated above, county level events provide a more robust risk assessment for each participating jurisdiction. According to historical records for the Saratoga County planning area, the Town of Corinth can expect to experience a wind event every year. This frequency supports a “Highly Likely” probability of future events.

### *VULNERABILITY AND IMPACT*

The Town of Corinth planning team members identified the following critical facilities as assets that are considered the most important to the planning area. These facilities are susceptible to a range of impacts caused by wind events. Wind impacts to critical facilities are similar across the entire planning area and are listed in detail in the wind hazard profile (Section 19).

**Table F-46. Critical Facilities at Risk**

JURISDICTION	CRITICAL FACILITIES
Town of Corinth	1 EMS Facility, 1 Fire Station, 1 Health Service Facility, 4 Municipal Facilities, 3 School Facilities, 3 Sewage and Water Facilities

According to the American Community Survey (ACS) five-year estimates for 2022, a total of 426 manufactured homes are located in the Town of Corinth (14 percent of total housing stock). In addition, 62 percent (approximately 1967 structures) of the housing units were built before 1980. These structures would typically be built to lower or less stringent construction standards than newer construction and may be more susceptible to damage during significant wind events.

**Table F-47. Structures at Greater Risk**

JURISDICTION	SFR STRUCTURES BUILT BEFORE 1980	MANUFACTURED HOMES
Town of Corinth	1,967	426

While all citizens are vulnerable to the impacts of wind events, forced relocation and disaster recovery drastically impacts low-income residents who lack the financial means to travel, afford a long-term stay away from home, and to rebuild or repair their homes. The population over 65 in the Town of Corinth is estimated at 20.9 percent of the Town’s total population and children under the age of 5 are estimated at 6.8 percent. The population with a disability is estimated at 13.9 percent of the Town’s total population. An estimated 9.8 percent of the Town of Corinth’s

## ANNEX F: TOWN OF CORINTH

population live below the poverty level and 1.6 percent of the populations speak a language other than English (Table F-48).

**Table F-48. Populations at Greater Risk**

JURISDICTION	65 AND OLDER	UNDER 5	WITH A DISABILITY	BELOW POVERTY LEVEL	LIMITED ENGLISH SPEAKING
Town of Corinth	1,369	443	910	641	107

Structural impact of wind events experienced in the Town of Corinth would be considered “Limited,” with injuries or illness treatable with first aid, less than 10 percent of property destroyed and critical facilities shut down for less than 24-hours. Over the 64.5-year reporting period there has been a total of \$15,600 damages (in 2024 dollars) in the Town of Corinth due to wind events. The estimated average annual loss from a wind event is \$200.

**Table F-49. Estimated Annualized Losses**

JURISDICTION	TOTAL PROPERTY & CROP LOSS	ANNUAL LOSS ESTIMATES
Town of Corinth	\$15,600	\$200

## ANNEX F: TOWN OF CORINTH

### CLIMATE CHANGE CONSIDERATIONS

The Saratoga County Hazard Mitigation Plan Update provides climate change considerations for all natural hazards for the entire planning area as climate change impacts are considered similar across all participating jurisdictions in Saratoga County unless otherwise stated. Please see Sections 5 through 19 of this Plan Update for additional information on climate change considerations by hazard.

### HUMAN-CAUSED HAZARDS

The Saratoga County Hazard Mitigation Plan update provides a detailed hazard profile for the human-caused hazard invasive species. Information for this hazard is limited and typically reported at the county level. As such, the evaluation of human-caused hazards is considered similar for all jurisdictions in the Saratoga County planning area. Please see Section 20 of this Plan Update for additional information on the human-caused hazard evaluated for this plan.

# ANNEX F: TOWN OF CORINTH

## PREVIOUS MITIGATION ACTIONS

TOWN OF CORINTH PREVIOUS ACTIONS											
Initiative	Mitigation Initiative	Applies to New and/or Existing Structures	Hazards Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline	2025 Analysis
TCR-1	Where appropriate, support retrofitting of structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Identify facilities that are viable candidates for retrofitting based on cost-effectiveness versus relocation. Where retrofitting is determined to be a viable option, consider implementation of that action based on available funding.	Existing	Severe Storm	1, 2, 3, 5	1-1, 1- 2, 1-3, 2-2, 2- 3, 2-4, 3-1, 3-5	NFIP Floodplain Administrator	NYS DHSES, FEMA	High	FEMA Mitigation Grant Programs and local budget (or property owner) for cost share	Ongoing	Defer to plan update.
TCR-2	Where appropriate, support purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Identify facilities that are viable candidates for relocation based on cost-effectiveness versus retrofitting. Where relocation is determined to be a viable option, consider implementation of that action based on available funding.	Existing	Flood, Severe Storm	1, 2, 3, 5	1-1, 1- 2, 1-3, 2-2, 2- 3, 2-4, 3-1, 3-5	NFIP Floodplain Administrator	NYS DHSES, FEMA	High	FEMA Mitigation Grant Programs and local budget (or property owner) for cost share	Long Term	Defer to plan update.
TCR-3	Consider participation in incentive-based programs such as CRS.	New & Existing	Flood	1, 2, 5	5 1-1, 1- 3, 1-6, 2-1, 2-2, 2-3, 2-4, 5- 2	NFIP Floodplain Administrator	NYS DHSES, ISO, FEMA	Low - Medium	Local Budget	Long Term	Defer to plan update.
TCR-4	Continue to support the implementation, monitoring,	New & Existing	All Hazards	All	All	NFIP Floodplain	County (through Mitigation	County (through	Local Budget, possibly FEMA	Long Term	Defer to plan update.

# ANNEX F: TOWN OF CORINTH

TOWN OF CORINTH PREVIOUS ACTIONS											
Initiative	Mitigation Initiative	Applies to New and/or Existing Structures	Hazards Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline	2025 Analysis
	maintenance, and updating of this Plan, as defined in Section 7.0.					Administrator	Planning Coordinator), NYS DHSES	Mitigation Planning Coordinator), NYS DHSES	Mitigation Grant Funding for 5-year update		
TCR-5	Local Budget, possibly FEMA Mitigation Grant Funding for 5-year update.	New & Existing	Flood	1, 2, 4	1-1, 1- 2, 1-3, 1-8, 2-2, 2- 3, 2-4, 4-1, 4-2, 4- 3, 4-4	NFIP Floodplain Administrator	NYS DHSES, ISO, FEMA	Low - Medium	Local Budget	Long Term	Defer to plan update. Incorporate into action TCR-14.
TCR-6	Continue to develop, enhance, and implement existing emergency plans.	New & Existing	All Hazards	1, 3	1-1, 1- 7, 3-2, 3-4, 3-5	Emergency Management with support from County OEM and NYS DHSES	County Emergency Management, NYS DHSES	Low - Medium	Local Budget	Long Term	Defer to plan update.
TCR-7	Create/enhance/ maintain mutual aid agreements with neighboring communities.	New & Existing	All Hazards	3, 5	3-4, 5- 1, 5-3	Emergency Mgmt., DPW and Roads	Surrounding municipalities and County	Low - Medium	Local Budget	Long Term	Defer to plan update.
TCR-8	Support County-wide initiatives identified in Section 9.1 of the County Annex.	New & Existing	All Hazards	All	All	Appropriate Departments	County and Regional agencies (as appropriate for initiative)	Low - High	Existing programs and grant funding where applicable	Long Term	Defer to plan update.
TCR-9	Purchase back-up generator for schools (our shelters) to ensure continuity during emergencies.	Existing	All Hazards	1, 3, 5	1-1, 3- 4, 5-1	School Board	Schools	Low	FEMA EMPG	Long Term	Defer to plan update.
TCR-10	Purchase and install a siren warning system to alert citizens of dam breach situations and other during other hazardous times. In the event of a Breach of Conklinville Dam, Route 9N North would be flooded in 30 minutes. We would not have a way to notify the residents in time to prevent loss of life. Educate the	Existing	All Hazards	1, 2, 3	1-1, 2- 2, 3-3	NFIP Floodplain Administrator; Office of Emergency Management	Neighboring municipalities	Medium to Low	FEMA grant sources	Long Term	Defer to plan update.

# ANNEX F: TOWN OF CORINTH

TOWN OF CORINTH PREVIOUS ACTIONS											
Initiative	Mitigation Initiative	Applies to New and/or Existing Structures	Hazards Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline	2025 Analysis
	public on the presence and use of the system.										
TCR-11	Create/update the Emergency Action Plans for all dams located within the municipality.	Existing	Flood	1, 3	1-1, 1- 6, 1-7, 3-1, 3-2,3-4	NFIP Floodplain Administrator	Watershed districts (if applicable); neighboring municipalities; County (if applicable); NYS	Medium to Low	FEMA, HMA	Short Term	Defer to plan update. Amend action to include the prioritization of Woodland Lake Dam.
TCR-12	Implement dam structure repairs as required by dam safety report/protocols.	Existing	Flood	3	3-1, 3- 3, 3-6	NFIP Floodplain Administrator; Engineering Department	Watershed districts (if applicable); neighboring municipalities; County (if applicable); NYS	Medium	FEMA, HMA	Long Term	Defer to plan update. Amend action to include the prioritization of Woodland Lake Dam.
TCR-13	Support the Installation/Implementation of Community Emergency Alert System.	New & Existing	All Hazards	1, 3, 5	1-1, 3- 1, 3-3, 3-5, 3-6,5-1	LEMC	Watershed districts (if applicable); neighboring municipalities; County (if applicable); NYS	Medium	FEMA, HMA	Short Term	Defer to plan update.
TCR-14	Create a mitigation support fund to provide matching funds on an ongoing basis for municipality and residential mitigation projects which will fund cost-sharing portions of projects and be replenished during the annual budget cycle.	New & Existing	All Hazards	1, 2, 3, 5	1-3, 1- 9, 2-5, 3-1, 5- 2	Town Board	N/A	Medium	Operating Budget	Long Term	Defer to plan update.
TCR-15	Upgrade and relocate Town Hall propane tank.	Existing	All Hazards	1, 3	1-1, 3-6	Fire Department	N/A	Medium	Multiple Sources; Grant	Short Term	Defer to plan update.
TCR-16	Upgrade and elevate Emergency Medical Squad generators that continuous power can be provided to the EMS building as a	Existing	All Hazards	1, 4	1-1, 3-6	Fire Department/ EMS services	N/A	Medium	Multiple Sources; Grant	Short Term	Defer to plan update.

# ANNEX F: TOWN OF CORINTH

TOWN OF CORINTH PREVIOUS ACTIONS											
Initiative	Mitigation Initiative	Applies to New and/or Existing Structures	Hazards Mitigated	Goals Met	Objectives Met	Lead	Support	Estimated Cost	Sources of Funding	Timeline	2025 Analysis
	designated shelter in the provision of the vital functions it provides during a catastrophic event.										

# ANNEX F: TOWN OF CORINTH

## NEW MITIGATION ACTIONS

TOWN OF CORINTH MITIGATION ACTIONS														
*Projects related to Critical Facilities (CF) will protect the facility to the 500-year event or worst damage scenario, whichever is greater.														
Project #	Goal / Objective being Met	Hazard to be Mitigated	Project Name and Description of the Problem	Description of the Solution	CF?*	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Community Lifeline	Action Type
1	1.1 1.4 3.2	Flood, Hail, Hurricane/Tropical Storm, Ice Storm, Lightning, Tornado, Snowstorm Wind	Retrofit RL/SRL Structures: Structures located in known hazard-prone areas are subject to repetitive damage. This project protects infrastructure, reduces cost of reparation, and prevents injury to residents.	Where appropriate, support retrofitting of structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Identify facilities that are viable candidates for retrofitting based on cost- effectiveness versus relocation. Where retrofitting is determined to be a viable option, consider implementation of that action based on available funding. Priority assessment for Jessup's Landing ALS Agency and Wastewater Treatment Plant.	Yes	Further review required	60 Months	NFIP Floodplain Administrator	\$1,000,000	Reduce the risk of damage and loss of life.	Local Department Budget; HMGP, BRIC, CDBG, PA 406 (when applicable) local bonds	H	Safety/Security	Structure and Infrastructure
2	1.1 1.4 3.2	Flood	Relocate Structures: Structures located in known hazard-prone areas are subject to repetitive damage. This	Where appropriate, support purchase, or relocation of structures located in hazard-prone areas to protect	Yes	Further review required	60 Months	NFIP Floodplain Administrator	\$1,000,000	Reduce the risk of damage and loss of life.	Local Department Budget; HMGP, BRIC,	H	Safety/Security	Structure and Infrastructure

# ANNEX F: TOWN OF CORINTH

TOWN OF CORINTH MITIGATION ACTIONS														
*Projects related to Critical Facilities (CF) will protect the facility to the 500-year event or worst damage scenario, whichever is greater.														
Project #	Goal / Objective being Met	Hazard to be Mitigated	Project Name and Description of the Problem	Description of the Solution	CF?*	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Community Lifeline	Action Type
			project protects infrastructure, reduces cost of reparation, and prevents injury to residents.	structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Identify facilities that are viable candidates for relocation based on cost- effectiveness versus retrofitting. Where relocation is determined to be a viable option, consider implementation of that action based on available funding. Priority assessment for Jessup's Landing ALS Agency and Wastewater Treatment Plant.							CDBG, PA 406 (when applicable) local bonds			
3	1.4 2.3	Flood	Community Rating System: By exploring the CRS program the County would potentially receive insurance premium rates that are discounted to reflect the reduced flood risk resulting from the community's efforts to reduce and avoid flood damage to insurable property, strengthen and support the insurance	Consider participation in incentive-based programs such as CRS.	Yes	N/A	36 Months	NFIP Floodplain Administrator	\$10,000	Reduce flood insurance premiums for local residents; Reduce flood risk and build resiliency.	Local Department Budget, Staff time	M	Safety/Security	Local Plans and Regulations

# ANNEX F: TOWN OF CORINTH

## TOWN OF CORINTH MITIGATION ACTIONS

\*Projects related to Critical Facilities (CF) will protect the facility to the 500-year event or worst damage scenario, whichever is greater.

Project #	Goal / Objective being Met	Hazard to be Mitigated	Project Name and Description of the Problem	Description of the Solution	CF?*	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Community Lifeline	Action Type
			aspects of the National Flood Insurance Program and foster comprehensive floodplain management. This project promotes public safety.											
4	1.3	Dam Failure, Drought, Earthquake Extreme Cold, Extreme Heat, Flood, Hail, Hurricane/Tropical Storm, Ice Storm, Landslide, Lightning, Snowstorm Tornado, Wildfire, Wind, Invasive Species	Implementation, Monitoring, and Maintenance: There is a need to ensure a structured approach to guarantee that the Plan remains updated, effective, and aligned with its goals. This project promotes public safety.	Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Section 24.	No	N/A	12-60 Months	County (through Mitigation Planning Coordinator), NYS DHSES	\$10,000	Ensure local hazard mitigation plan remains updated and effective; Ensure local jurisdictions remain aligned with the Plans goals and risk reduction activities.	Local Department Budget, Staff time	H	Safety/Security	Local Plans and Regulations
5	1.3	Dam Failure, Drought, Earthquake Extreme Cold, Extreme Heat,	Develop, enhance, and implement: There is a need to ensure a structured approach to guarantee that the Plan remains updated, effective, and aligned with its goals. This project	Continue to develop, enhance, and implement existing emergency plans.	No	N/A	12-60 Months	County Emergency Management, NYS DHSES	\$10,000	Ensure all plans are updated and aligned with one another; Ensure local jurisdictions remain aligned with the Plans goals and risk reduction activities.	Local Department Budget, Staff time	H	Safety/Security	Local Plans and Regulations

# ANNEX F: TOWN OF CORINTH

## TOWN OF CORINTH MITIGATION ACTIONS

\*Projects related to Critical Facilities (CF) will protect the facility to the 500-year event or worst damage scenario, whichever is greater.

Project #	Goal / Objective being Met	Hazard to be Mitigated	Project Name and Description of the Problem	Description of the Solution	CF?*	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Community Lifeline	Action Type
		Flood, Hail, Hurricane/Tropical Storm, Ice Storm, Landslide, Lightning, Snowstorm Tornado, Wildfire, Wind, Invasive Species	promotes public safety by addressing all hazards and being NIMS compliant while working with the Emergency Operations Plan.											
6	1.1 3.3	Dam Failure, Drought, Earthquake Extreme Cold, Extreme Heat, Flood, Hail, Hurricane/Tropical Storm, Ice Storm, Landslide, Lightning, Snowstorm Tornado, Wildfire, Wind	Generator for critical facilities: During power outages, critical facilities would be without lights, communications, and maintenance equipment/machinery. The operations are basically brought to a halt. This project helps ensure critical facilities continue to provide services during a power outage caused by unforeseen events.	Purchase back-up generator for schools (our shelters) to ensure continuity during emergencies	Yes	Further Review Required	24 Months	School Board	\$500,000	Provide power for critical facilities during power outages and ensure continuity of critical services.	Local Department Budget; HMGP, BRIC, CDBG, PA 406 (when applicable) local bonds	M	Energy (Power/Fuel) Safety/Security	Structure and Infrastructure
7	1.2 2.1	Dam Failure, Drought,	Emergency Notification System: The general public may not have	Purchase and install a siren warning system to alert citizens of dam	No	N/A	24-36 Months	NFIP Floodplain Administrator;	\$200,000	Reduce risk to residents through improved	Local Department Budget;	H	Communication Safety/Security	Education and Awareness

# ANNEX F: TOWN OF CORINTH

## TOWN OF CORINTH MITIGATION ACTIONS

\*Projects related to Critical Facilities (CF) will protect the facility to the 500-year event or worst damage scenario, whichever is greater.

Project #	Goal / Objective being Met	Hazard to be Mitigated	Project Name and Description of the Problem	Description of the Solution	CF?*	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Community Lifeline	Action Type
		Earthquake, Extreme Cold, Extreme Heat, Flood, Hail, Hurricane/Tropical Storm, Ice Storm, Landslide, Lightning, Snowstorm, Tornado, Wildfire, Wind	technology to receive an electronic warning using reverse 911 systems, a siren warning system would allow residents and tourists to retreat to safety quickly. By establishing an area wide siren system ensures community members are aware of risk and able to prepare for the impact. This project promotes public safety.	breach situations and other during other hazardous times. In the event of a Breach of Conklinville Dam, Route 9N North would be flooded in 30 minutes. We would not have a way to notify the residents in time to prevent loss of life. Educate the public on the presence and use of the system.				Office of Emergency Management		communication and early warning.	HMGP, BRIC, CDBG, PA 406 (when applicable) local bonds			
8	1.2 1.3 3.1 3.2	Dam Failure	Develop, enhance, and implement: There is a need to ensure that all dams are identified and risks are assessed, of particular importance is Woodland Lake Dam. An emergency action plan should include inundation maps, responsibilities, dam information, and procedures to follow in an emergency situation.	Create/update the Emergency Action Plans for all dams located within the municipality with priority to Woodland Lake Dam.	No	N/A	12-60 Months	NFIP Floodplain Administrator	\$10,000	Ensure Emergency Action Plans are in place for each identified dam. Ensure the plan is aligned with other plans goals and risk reduction activities.	Local Department Budget, Staff time	H	Safety/Security	Local Plans and Regulations
9	1.2 1.3 3.1 3.2	Dam Failure	Implementation, Monitoring, and Maintenance: Since dams were initially built there has been settling of the	Implement dam structure repairs as required by dam safety report/protocols. Woodland Lake Dam	No	N/A	24-60 Months	NFIP Floodplain Administrator; Engineering Department	\$10,000	Ensuring dams are not compromised and repaired will reduce the risk of breach and failure,	Local Department Budget, Staff time	H	Safety/Security	Local Plans and Regulations

# ANNEX F: TOWN OF CORINTH

## TOWN OF CORINTH MITIGATION ACTIONS

\*Projects related to Critical Facilities (CF) will protect the facility to the 500-year event or worst damage scenario, whichever is greater.

Project #	Goal / Objective being Met	Hazard to be Mitigated	Project Name and Description of the Problem	Description of the Solution	CF?*	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Community Lifeline	Action Type
			dam. Dam safety protocols with dam repair recommendations will keep dams from being compromised. After Emergency Action Plan is completed for Woodland Lake Dam, rehab should be prioritized.	should be prioritized for any rehab after the Emergency Action Plan is completed.						while keeping communities safe and saving lives.				
10	1.2 2.1	Dam Failure, Drought, Earthquake, Extreme Cold, Extreme Heat, Flood, Hail, Hurricane/Tropical Storm, Ice Storm, Landslide, Lightning, Snowstorm, Tornado, Wildfire, Wind	Emergency Notification System: The general public may not have the means to access educational material or notification alerts. By establishing an area wide notification system ensures community members are aware of risk and able to prepare for the impact. This project promotes public safety.	Installation/Implementation of Community Emergency Alert System	No	N/A	24-36 Months	LEMC	\$100,000	Reduce risk to residents through improved communication and early warning.	Local Department Budget; HMGP, BRIC, CDBG, PA 406 (when applicable) local bonds	H	Communication Safety/Security	Education and Awareness
11	5.3 6.1	Dam Failure, Drought, Earthquake, Extreme Cold, Extreme	Public Awareness Program: The general public may not be aware of the risk of hazards that could impact the County. Creating a support fund could encourage	Create a mitigation local support fund to provide matching funds on an ongoing basis for municipality and residential mitigation projects which will fund	No	N/A	60 Months	Town Board	\$10,000	Reduce the risk of damage and the loss of life.	Local Department Budget, Staff time	M	Safety/Security Communication	Preparedness

# ANNEX F: TOWN OF CORINTH

## TOWN OF CORINTH MITIGATION ACTIONS

\*Projects related to Critical Facilities (CF) will protect the facility to the 500-year event or worst damage scenario, whichever is greater.

Project #	Goal / Objective being Met	Hazard to be Mitigated	Project Name and Description of the Problem	Description of the Solution	CF?*	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Community Lifeline	Action Type
		Heat, Flood, Hail, Hurricane/Tropical Storm, Ice Storm, Landslide, Lightning, Snowstorm, Tornado, Wildfire, Wind, Invasive Species	community members to support mitigation projects and costs associated with them. This project promotes public safety.	cost-sharing portions of projects and be replenished during the annual budget cycle										
12	1.2 3.1 3.2 3.3	Flood	Relocation of at-risk facilities: There is a known flood risk within the area. Assessment of those properties that are at risk and determine if relocation is a cost-effective option. This project protects infrastructure, reduces cost of reparation, and prevents injury to residents.	Upgrade and relocate Town Hall propane tank.	Yes	Further review required	12 Months	Fire Department	\$100,000	Reduce risk of damages to structures; Ensure continuity of critical services; Reduce risk of injuries to critical service employees.	Local Department Budget	M	Safety/Security	Structure and Infrastructure
13	1.1 3.3	Flood	Flood Mitigation: Evaluate Flood Mitigation measures at the Emergency Medical Squad to elevate generators to maintain	Upgrade and elevate Emergency Medical Squad generators so that continuous power can be provided to the	Yes	Further review required	24 Months	Fire Department/ EMS	\$500,000	Reduce risk of damages or injuries through flood mitigation at high-risk structures;	Local Department Budget; HMGP, BRIC,	H	Safety/Security Energy (Power/Fuel)	Structure and Infrastructure

# ANNEX F: TOWN OF CORINTH

## TOWN OF CORINTH MITIGATION ACTIONS

\*Projects related to Critical Facilities (CF) will protect the facility to the 500-year event or worst damage scenario, whichever is greater.

Project #	Goal / Objective being Met	Hazard to be Mitigated	Project Name and Description of the Problem	Description of the Solution	CF?*	EHP Issues	Estimated Timeline	Lead Agency	Estimated Costs	Estimated Benefits	Potential Funding Sources	Priority	Community Lifeline	Action Type
			continuity of operations during and after a hazard event due to frequency in flooding. This project protects infrastructure, reduces cost of reparation, and prevents injury to residents.	EMS building as a designated shelter in the provision of the vital functions it provides during a catastrophic event.						Reduce the need for emergency response in high-risk areas; Reduce repetitive flood losses/claims; Reduce community recovery efforts and costs.	CDBG, PA 406 (when applicable) local bonds			
14	5.1 5.2	Dam Failure, Drought, Earthquake Extreme Cold, Extreme Heat, Flood, Hail, Hurricane/Tropical Storm, Ice Storm, Landslide, Lightning, Snowstorm Tornado, Wildfire, Wind, Invasive Species	Create, enhance, and maintain: Mutual aid agreements are crucial in disaster or emergency situations. Ensuring that mutual aid agreements are up to date will ensure that neighboring communities can help one another in a timely manner. This project promotes public safety.	Create/enhance/maintain mutual aid agreements with neighboring communities.	No	N/A	36-48 Months	Surrounding municipalities and County	\$10,000	Ensure mutual aid agreements remain updated and effective; Ensure local jurisdictions remain aligned with one another and ready to assist when needed.	Local Department Budget, Staff time	H	Safety/Security	Preparedness

# ANNEX F: TOWN OF CORINTH

## CAPABILITY ASSESSMENT

COMMUNITY CAPABILITY CHECKLIST	TOWN OF CORINTH
<b>PLANS</b>	
Basic Plan/Floodplain Management Plan	X
Capital Improvements Plan	X
Climate Change Adaptation Plan	
Community Wildfire Protection Plan	
Comprehensive / Master Plan / Land Use Plan	X
Continuity of Operations Plan	
Drought Contingency Plan/Protocol on Water Restrictions	
Economic Development Plan	
Emergency Management/Response Action Plan	X
Emergency Operations Plan	
Evacuation Plan	X
Extreme Heat Protocol	
Hazard Mitigation Plan	X
Open Space Plan	
Post Disaster Recovery Plan	
Shoreline Management Plan/Ordinance	
Stormwater Management Plan / Ordinance	
Transportation Plan	
<b>POLICIES/ORDINANCES</b>	
Building Codes	X
Fire Code	
Floodplain Ordinance	X
Manufactured Home Restrictions	
Post Disaster Recovery Ordinance	
Real Estate Disclosure Requirement	

## ANNEX F: TOWN OF CORINTH

COMMUNITY CAPABILITY CHECKLIST	TOWN OF CORINTH
Site Plan Review Requirements	X
Stormwater Ordinance	
Subdivision Regulations	X
Wildfire Ordinance	
Zoning Ordinance/Land Use Restrictions	X
Other (Special Purpose Ordinance (i.e., critical or sensitive areas))	
PROGRAMS	
Firewise Communities	
Floodplain Maps/Flood Insurance Studies	X
Growth Management	
Hydrologic/Hydraulic Studies	
Mutual Aid Agreement	X
National Flood Insurance Program Participant	X
NFIP Community Rating System Participant	
Property Acquisition Program	
Public Education/Awareness Programs	
Storm Drainage Systems Maintenance Program	
Stream Maintenance Program	
StormReady Communities	
Warning Systems/Services (reverse 911, outdoor warning sirens)	X
STAFF / DEPARTMENTS	
Building Code Official	X
Emergency Manager	X
Engineers or Planners with Knowledge of Land Development and Land Management Practices	X
Engineers or Professionals Trained in Constructions Practices Related to Buildings and/or Infrastructure	
Environmental Conservation Specialist	
Floodplain Administrator	X
Geographic Information System (GIS) Coordinator	

## ANNEX F: TOWN OF CORINTH

COMMUNITY CAPABILITY CHECKLIST	TOWN OF CORINTH
Personnel with Hazard Knowledge	
Planners	
Public Information Official	X
Resource Development/Grant Writer	
Surveyors	