



ANNEX W
VILLAGE OF
SHORTSVILLE

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JURISDICTION PROFILE

OVERVIEW

The Village of Shortsville is in Ontario County NY and has a population of approximately 1,400. The Village of Shortsville encompasses the southwestern part of the Town of Manchester and is located north of the City of Canandaigua. According to the United States Census Bureau, the village has a total of 0.06 square miles, all land. County Road 13, which is Main Street in the Village of Shortsville, intersects New York State Route 21 in the western side of the village. Shortsville is approximately two miles south of both the New York Thruway and New York State Route 96. The Village of Shortsville is immediately south of the Village of Manchester. Figure W-1 shows the general location of the Village of Shortsville.

VILLAGE OF SHORTSVILLE CONTACT INFORMATION

Name: Fred Mink

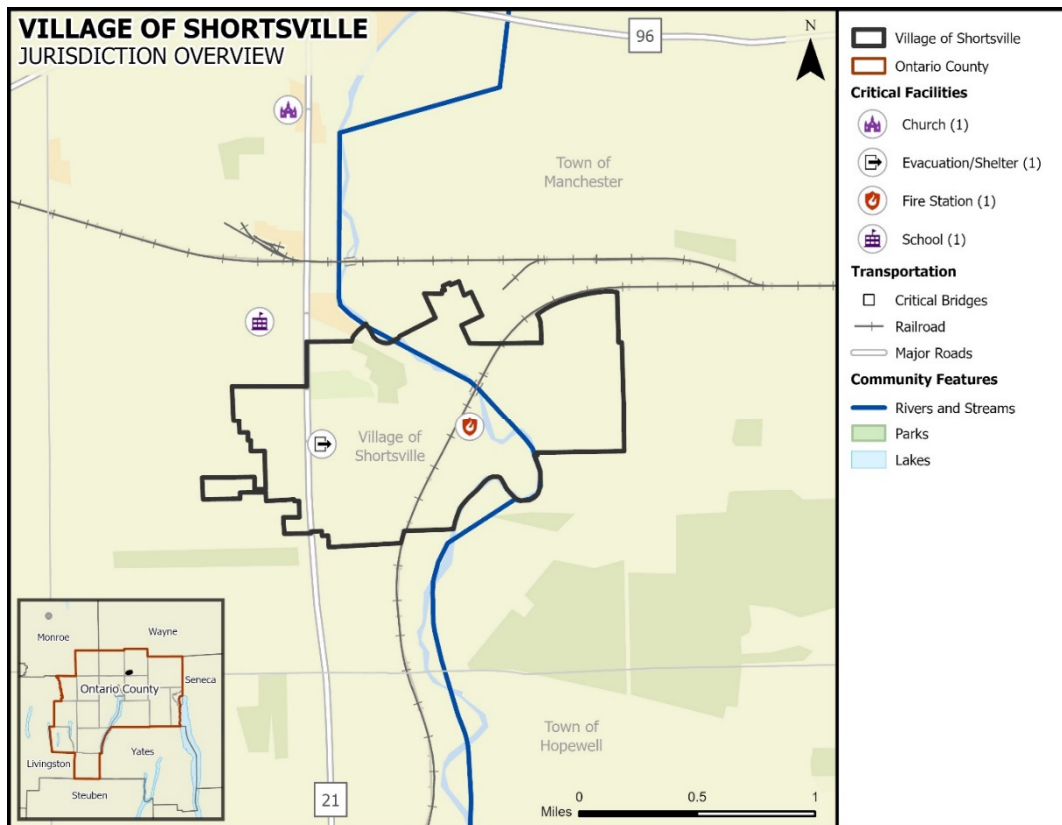
Title: Mayor

Phone: (585) 289-6103

Address: 6 East Main Street, Shortsville, NY 14548

Email: mayor@shortsvilleny.us

Figure W-1. Village of Shortsville Planning Area¹



¹ Map sources: ESRI OpenStreetMap (Custom: no labels), Census TIGER/LINE (2022), Ontario County Information Technology Department (2023)

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POPULATION AND DEMOGRAPHICS

According to the 2020 Census population count, the Village of Shortsville has an official population of 1,400 residents, a 2.7 percent decrease since the 2010 census. Table W-1 summarizes select characteristics of vulnerable or sensitive populations in the Village of Shortsville using data from the U.S. Census Bureau 2021 American Community Survey (ACS) five-year estimates. Note that in some cases the 2021 ACS estimates may differ from the 2020 Census count; the ACS estimates are used throughout this section for consistency.²

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 W-1. Population Distribution for the Village of Shortsville

| JURISDICTION | TOTAL 2010 POPULATION | TOTAL 2021 POPULATION | PERCENTAGE CHANGE | ESTIMATED VULNERABLE OR SENSITIVE POPULATIONS ³ | | |
|------------------------|-----------------------|-----------------------|-------------------|--|-------------------|---------------------|
| | | | | Youth (Under 5) | Elderly (Over 65) | Below Poverty Level |
| Village of Shortsville | 1,439 | 1,831 | 27.2% | 56 | 297 | 103 |

POPULATION GROWTH

The official 2020 Village of Shortsville population is 1,400. Overall, the Village of Shortsville experienced a decrease in population between 1990 and 2020 of 5.7 percent, or a decrease of 85 residents. Between 2010 and 2020, the Village of Shortsville experienced a population decline. Table W-2 provides historic change rates in the Village of Shortsville.

Table W-2. Population Growth for the Village of Shortsville, 1990-2020⁴

| JURISDICTION | 1990 ⁵ | 2000 ⁶ | 2010 | 2020 | POP CHANGE 1990-2020 | PERCENT OF CHANGE | POP CHANGE 2010-2020 | PERCENT OF CHANGE |
|------------------------|-------------------|-------------------|-------|-------|----------------------|-------------------|----------------------|-------------------|
| Village of Shortsville | 1,485 | 1,320 | 1,439 | 1,400 | -85 | -5.7% | -39 | -2.7% |

FUTURE DEVELOPMENT

To better understand how future growth and development in the Village of Shortsville 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

² Source: <https://www.census.gov/en.html> and <https://www.census.gov/acs/www/data/data-tables-and-tools/data-profiles/2021/>

³ The Estimated Vulnerable or Sensitive Populations are based off the 2021 American Community Survey 5-Year Estimates Data Profiles.

⁴ U.S. Census Bureau

⁵ Source: <https://www2.census.gov/library/publications/decennial/1990/cp-1/cp-1-34-2.pdf?#>

⁶ Source: <https://www2.census.gov/library/publications/2003/dec/phc-3-34.pdf>

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efforts. This section includes an analysis of the projected population change, and economic impacts.

Population projections from 2010 to 2040 are listed in Table W-3, as provided by Cornell University’s Program on Applied Demographics⁷. **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 W-3. Ontario County Population Projections

| LAND AREA (SQ MI) | 2010 | | 2020 | | 2030 | | 2040 | |
|-------------------|--------------|----------------------------|--------------|----------------------------|--------------|----------------------------|--------------|----------------------------|
| | Population | | | | | | | |
| | Total Number | Density (Land Area, SQ MI) | Total Number | Density (Land Area, SQ MI) | Total Number | Density (Land Area, SQ MI) | Total Number | Density (Land Area, SQ MI) |
| 644 | 107,931 | 167.59 | 111,349 | 172.90 | 114,374 | 177.60 | 114,770 | 178.21 |

PLAN MAINTENANCE

The Ontario 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 27 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 W-4 indicates the department and title of the party responsible for Plan monitoring, evaluating, updating, and review of the Plan.

Table W-4. Team Member Responsible for Plan Monitoring, Evaluating, Updating, and Review of the Plan

| JURISDICTION | TITLE |
|------------------------|-------|
| Village of Shortsville | Mayor |

PUBLIC PARTICIPATION

A series of public meetings were held throughout the Ontario 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 Village of Shortsville’s website. A total of two surveys were completed for the Village of

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

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Shortsville. 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 Ontario 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 Village of Shortsville'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 X (formerly known as Twitter), 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

The Village of Shortsville is not profiling dam failure. The Village of Shortsville does not own any dams and is not located in any estimated dam inundation zones. Dam failure has not impacted the community in the past and is not anticipated to impact the community in the future. Any localized flooding the community may experience due to a dam breach is addressed in the flood hazard profile. Therefore, this hazard does not require further analysis.

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DROUGHT

HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES

The Ontario 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 Village of Shortsville, 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 Ontario County planning area, the Village of Shortsville 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 Ontario County planning area, including the Village of Shortsville, 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 Village of Shortsville 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 Section 6. The following critical facilities would be vulnerable to drought events in the Village of Shortsville:

Table W-5. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

The population over 65 in the Village of Shortsville is estimated at 16 percent of the Village’s total population and children under the age of 5 are estimated at 3 percent, or an estimated total of 353 potentially vulnerable residents in the Village of Shortsville based on age. In addition, an estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-6).

Table W-6. Populations at Greater Risk

| JURISDICTION | POPULATION 65 AND OLDER | POPULATION UNDER 5 | POPULATION BELOW POVERTY LEVEL |
|------------------------|-------------------------|--------------------|--------------------------------|
| Village of Shortsville | 297 | 56 | 104 |

Historic events and losses are reported on a county-wide basis. All existing and future buildings, facilities, and populations are exposed to this hazard and could potentially be impacted. 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. Please see Section 6 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 Ontario County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the extreme cold hazard for each participating jurisdiction (Section 7). 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, frost/freeze, and winter weather. Historical extreme cold data for the County, including the Village of Shortsville, are provided on a county-wide basis per the NCEI database. Therefore, all historical events are listed in Section 7 of the Plan Update.

PROBABILITY OF FUTURE EVENTS

According to historical records for the Ontario County planning area, the Village of Shortsville can expect to experience an extreme cold event approximately once a year. This frequency supports a “Highly Likely” probability of future events.

VULNERABILITY AND IMPACT

While the entirety of the Ontario County planning area, including the Village of Shortsville, is exposed to extreme cold events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, the Village of Shortsville planning team members identified the following critical facilities (Table W-7) 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 Section 7. The following critical facilities would be vulnerable to extreme cold events in the Village of Shortsville:

Table W-7. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

The population over 65 in the Village of Shortsville is estimated at 16 percent of the Village’s total population and children under the age of 5 are estimated at 3 percent, or an estimated total of 353 potentially vulnerable residents in the Village of Shortsville based on age. In addition, an estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-8).

Table W-8. Populations at Greater Risk

| JURISDICTION | POPULATION 65 AND OLDER | POPULATION UNDER 5 | POPULATION BELOW POVERTY LEVEL |
|------------------------|-------------------------|--------------------|--------------------------------|
| Village of Shortsville | 297 | 56 | 104 |

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 HEAT

HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES

The Ontario County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the extreme heat hazard for each participating jurisdiction (Section 8). 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 Village of Shortsville, 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 Ontario County planning area, the Village of Shortsville can expect to experience an extreme heat event approximately once a year. This frequency supports a “Highly Likely” probability of future events.

VULNERABILITY AND IMPACT

While the entirety of the Ontario County planning area, including the Village of Shortsville, is exposed to extreme heat events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, the Village of Shortsville planning team members identified the following critical facilities (Table W-9) 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 Section 8. The following critical facilities would be vulnerable to extreme heat events in the Village of Shortsville:

Table W-9. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

The population over 65 in the Village of Shortsville is estimated at 16 percent of the Village’s total population and children under the age of 5 are estimated at 3 percent, or an estimated total of 353 potentially vulnerable residents in the Village of Shortsville based on age. In addition, an estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-10).

Table W-10. Populations at Greater Risk

| JURISDICTION | POPULATION 65 AND OLDER | POPULATION UNDER 5 | POPULATION BELOW POVERTY LEVEL |
|------------------------|-------------------------|--------------------|--------------------------------|
| Village of Shortsville | 297 | 56 | 104 |

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.

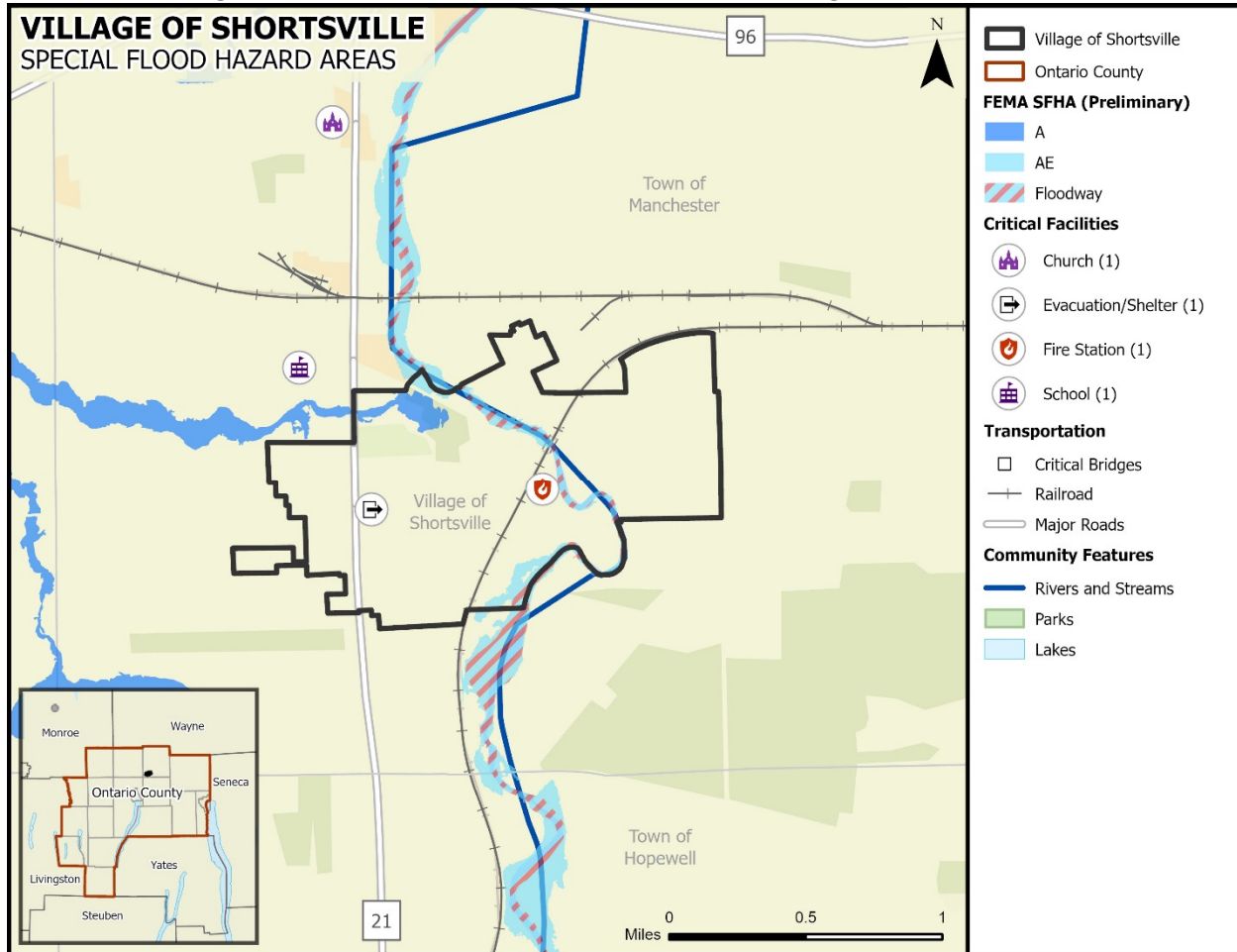
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FLOOD

HAZARD DESCRIPTION, LOCATION, & EXTENT

The Ontario County Hazard Mitigation Plan Update provides a hazard description and extent of the flood hazard for the entire Ontario County planning area in Section 9. Flood hazard delineations with elevations are available in portions of the Village of Shortsville, some areas feature flood hazard boundary maps only with no flood elevations. The location of estimated flood zones for the Village of Shortsville, based on the Digital Flood Insurance Rate Maps (DFIRM) from FEMA is illustrated in Figure W-2.

Figure W-2. Estimated Flood Zones in the Village of Shortsville⁸



HISTORICAL OCCURRENCES

According to the Storm Prediction Center (NOAA), National Centers for Environmental Information (NCEI) database for Ontario County, no flood events were reported to have impacted the Village of Shortsville from January 1996 through to August 2023. Flood events are often reported on a county-wide basis, or under-reported for individual municipalities, particularly in smaller communities.

⁸ Map sources: ESRI OpenStreetMap (Custom: no labels), Census TIGER/LINE (2022), Ontario County Information Technology Department (2023), Ontario County Preliminary Flood Data (2023)

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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 Ontario County planning area, the Village of Shortsville can expect to experience approximately two to three flood events every year. This frequency supports a “Highly Likely” probability of future events.

VULNERABILITY AND IMPACT

The Village of Shortsville 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. No critical facilities in the Village of Shortsville are located in the floodplain.

Historic loss estimates due to flood are presented in Table W-11 below.

Table W-11. Potential Annualized Losses, 1996-2023⁹

| JURISDICTION | NUMBER OF EVENTS | PROPERTY & CROP LOSS | ANNUAL LOSS ESTIMATES |
|------------------------|------------------|----------------------|-----------------------|
| Village of Shortsville | 0 | \$0 | \$0 |

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. An estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-12). While warning times for these type of hazard events should be substantial enough for individuals to seek shelter, individuals who work and recreate outside are also vulnerable to potential impacts of a flood event.

Table W-12. Populations at Greatest Risk

| JURISDICTION | POPULATION BELOW POVERTY LEVEL |
|------------------------|--------------------------------|
| Village of Shortsville | 103 |

The severity of a flooding event varies depending on the relative risk to citizens and structures located within each jurisdiction. Table W-13 depicts the level of impact for the Village of Shortsville.

Table W-13. Village of Shortsville Impact

| JURISDICTION | IMPACT | DESCRIPTION |
|------------------------|---------|---|
| Village of Shortsville | Limited | It is anticipated that the Village could anticipate an impact of “limited” with critical facilities shut down for a week or less, and less than 10 percent of property would be destroyed or damaged. |

⁹ Historical events are reported from January 1996 through August 2023; values are in 2023 dollars.

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NATIONAL FLOOD INSURANCE PROGRAM (NFIP) PARTICIPATION

The Village of Shortsville 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 Village of Shortsville has developed mitigation actions that relate to NFIP participation, maintenance or compliance. Compliance and maintenance actions can be found in Section 26. Flooding was identified by the Village of Shortsville as a low-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 Village of Shortsville Zoning Officer is designated as the local floodplain administrator and is responsible for maintaining compliance in the NFIP through development regulations as outlined in the community flood damage prevention ordinance. The floodplain administrator is responsible for

- Permitting and inspecting construction activity in the floodplain
- Ensuring conformance with floodplain permit requirements
- 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 W-14 provides the most recent CAC/CAV dates along with the current status for the jurisdiction.

Table W-14. Compliance History

| JURISDICTION | DATE OF LAST CAC | DATE OF LAST CAV | CURRENT NFIP STATUS | POLICIES IN FORCE |
|------------------------|------------------|------------------|---------------------|-------------------|
| Village of Shortsville | N/A | N/A | Good Standing | 6 |

REPETITIVE LOSS

The Village of Shortsville currently has no repetitive loss or severe repetitive loss properties.

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HAIL

HAZARD DESCRIPTION, LOCATION, & EXTENT

The Ontario County Hazard Mitigation Plan Update provides a hazard description, location and extent of the hail hazard for each participating jurisdiction (Section 10). 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 across the planning area demonstrates that the Village of Shortsville is vulnerable to hail events overall. However, no reported historical hail events have impacted the Village of Shortsville between January 1956 through August 2023; these events were reported to NCEI and NOAA databases and may not represent all hail events to have occurred during the past 67.5 years.

PROBABILITY OF FUTURE EVENTS

Historical hail events are often 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 Ontario County planning area, the Village of Shortsville can expect a hail event approximately once a year. This frequency supports a “Highly Likely” probability of future events.

VULNERABILITY AND IMPACT

The Village of Shortsville 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 Section 10.

Table W-15. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

According to the American Community Survey (ACS) five-year estimates for 2021, a total of 73 (10 percent of total housing stock) manufactured homes located in the Village of Shortsville. In addition, 84 percent (approximately 599 structures) of the housing structures in the Village of Shortsville 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 W-16. Structures at Greater Risk

| JURISDICTION | SFR STRUCTURES BUILT BEFORE 1980 | MANUFACTURED HOMES |
|------------------------|----------------------------------|--------------------|
| Village of Shortsville | 599 | 73 |

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. An estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-17).

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Table W-17. Populations at Greatest Risk

| JURISDICTION | POPULATION BELOW POVERTY LEVEL |
|------------------------|--------------------------------|
| Village of Shortsville | 103 |

Overall, the total loss estimate of property and crops in the Village of Shortsville is \$0 with an average annualized loss of \$0. Based on historic loss and damages, the impact of hail damages on the Village of Shortsville 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 W-18. Estimated Annualized Losses

| JURISDICTION | TOTAL PROPERTY & CROP LOSS | ANNUAL LOSS ESTIMATE |
|------------------------|----------------------------|----------------------|
| Village of Shortsville | \$0 | \$0 |

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ICE STORM

HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES

The Ontario County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the ice storm hazard for each participating jurisdiction (Section 11). 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 Village of Shortsville, are provided on a county-wide basis per the NCEI database. Therefore, all historical events are listed in Section 11 of the Plan Update.

PROBABILITY OF FUTURE EVENTS

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

VULNERABILITY AND IMPACT

While the entirety of the Ontario County planning area, including the Village of Shortsville, is exposed to ice storm events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, the Village of Shortsville planning team members identified the following critical facilities (Table W-19) 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 Section 11. The following critical facilities would be vulnerable to ice storm events in the Village of Shortsville:

Table W-19. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

The population over 65 in the Village of Shortsville is estimated at 16 percent of the Village’s total population and children under the age of 5 are estimated at 3 percent, or an estimated total of 353 potentially vulnerable residents in the Village of Shortsville based on age. In addition, an estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-20).

Table W-20. Populations at Greater Risk

| JURISDICTION | POPULATION 65 AND OLDER | POPULATION UNDER 5 | POPULATION BELOW POVERTY LEVEL |
|------------------------|-------------------------|--------------------|--------------------------------|
| Village of Shortsville | 297 | 56 | 104 |

Historic losses are often reported on a county-wide basis. Please see Section 11 of this Plan for additional information on historical and annualized losses for the entire planning area.

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LANDSLIDE

HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES

The Ontario County Hazard Mitigation Plan Update provides a hazard description, location and extent of the landslide hazard for all participating jurisdictions prone to landslides (Section 12). The entire planning area is primarily at low risk for potential landslides. However, the areas surrounding Honeoye Lake are at a slightly greater risk for landslides. According to the New York State Hazard Mitigation Plan, the entire population in the Village of Shortsville is at a low risk of incidence and low risk for landslide susceptibility (0-1.5%). Since 1996, the entire Ontario County planning area has had two reported incidents and no known damages due to landslides.

PROBABILITY OF FUTURE EVENTS

Based on available records of historic events there are no known historic events of landslide in the Village of Shortsville over the 27.5-year reporting period which provides a probability of one event every ten years or more. This frequency supports an “Unlikely” probability of future events for the Village of Shortsville.

VULNERABILITY AND IMPACT

According to the New York State Hazard Mitigation Plan, the entire population in the Ontario County planning area is at a low risk of incidence. The only known area slightly susceptible to landslide within the planning area is along the banks of the Honeoye Lake. There have been no known impacts to structures or infrastructure in the area due to landslide and there are no critical facilities located in the areas considered at slightly greater risk. 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.

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LIGHTNING

HAZARD DESCRIPTION, LOCATION, & EXTENT

The Ontario County Hazard Mitigation Plan Update provides a hazard description, location and extent of the lightning hazard for each participating jurisdiction (Section 13). 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 Village of Shortsville from January 1996 through August 2023. 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 Village of Shortsville 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 Village of Shortsville 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 Section 13.

Table W-21. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

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. An estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-22).

Table W-22. Populations at Greatest Risk

| JURISDICTION | POPULATION BELOW POVERTY LEVEL |
|------------------------|--------------------------------|
| Village of Shortsville | 103 |

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 Village of Shortsville due to lightning are considered negligible.

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Table W-23. Potential Annualized Losses

| JURISDICTION | TOTAL PROPERTY & CROP LOSS | ANNUAL LOSS ESTIMATE |
|------------------------|----------------------------|----------------------|
| Village of Shortsville | \$0 | \$0 |

ANNEX W: VILLAGE OF SHORTSVILLE

SNOW STORM

HAZARD DESCRIPTION, LOCATION, EXTENT, & HISTORICAL OCCURRENCES

The Ontario County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the snow storm hazard for each participating jurisdiction (Section 14). 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, winter storm, and lake effect snow. Historical snow storm data for the County, including the Village of Shortsville, are provided on a county-wide basis per the NCEI database. Therefore, all historical events are listed in Section 14 of the Plan Update.

PROBABILITY OF FUTURE EVENTS

According to historical records for the Ontario County planning area, the Village of Shortsville can expect to experience a snow storm event approximately once every year. This frequency supports a “Highly Likely” probability of future events.

VULNERABILITY AND IMPACT

While the entirety of the Ontario County planning area, including the Village of Shortsville, is exposed to snow storm events, existing buildings, infrastructure, and critical facilities are not likely to sustain significant damage from these events. However, the Village of Shortsville planning team members identified the following critical facilities (Table W-24) 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 Section 14. The following critical facilities would be vulnerable to snow storm events in the Village of Shortsville:

Table W-24. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

The population over 65 in the Village of Shortsville is estimated at 16 percent of the Village’s total population and children under the age of 5 are estimated at 3 percent, or an estimated total of 353 potentially vulnerable residents in the Village of Shortsville based on age. In addition, an estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-25).

Table W-25. Populations at Greater Risk

| JURISDICTION | POPULATION 65 AND OLDER | POPULATION UNDER 5 | POPULATION BELOW POVERTY LEVEL |
|------------------------|-------------------------|--------------------|--------------------------------|
| Village of Shortsville | 297 | 56 | 104 |

Historic losses are reported on a county-wide basis. Please see Section 14 of this Plan for additional information on historical and annualized losses for the entire planning area.

ANNEX W: VILLAGE OF SHORTSVILLE

TORNADO

HAZARD DESCRIPTION, LOCATION, & EXTENT

The Ontario County Hazard Mitigation Plan Update provides a hazard description, location and extent of the tornado hazard for each participating jurisdiction (Section 15). 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, no tornado events are known to have impacted the Village of Shortsville. Historical tornado events are often provided on a countywide basis in the NCEI database, particularly when multiple smaller communities are impacted. Tornado events are not confined to specific geographic boundaries and risk is considered similar for all participating jurisdictions throughout the planning area.

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 Ontario County planning area, the Village of Shortsville can expect to experience a tornado event once every five years. Hence, the probability of a future tornado event affecting the Village of Shortsville is “Occasional”.

VULNERABILITY AND IMPACT

The Village of Shortsville 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 Section 15.

Table W-26. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

According to the American Community Survey (ACS) five-year estimates for 2021, a total of 73 (10 percent of total housing stock) manufactured homes located in the Village of Shortsville. In addition, 84 percent (approximately 599 structures) of the housing structures in the Village of Shortsville 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 tornado events.

Table W-27. Structures at Greater Risk

| JURISDICTION | SFR STRUCTURES BUILT BEFORE 1980 | MANUFACTURED HOMES |
|------------------------|----------------------------------|--------------------|
| Village of Shortsville | 599 | 73 |

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

ANNEX W: VILLAGE OF SHORTSVILLE

long-term stay away from home, and to rebuild or repair their homes. An estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-28).

Table W-28. Populations at Greatest Risk

| JURISDICTION | POPULATION BELOW POVERTY LEVEL |
|------------------------|--------------------------------|
| Village of Shortsville | 103 |

The total loss estimate due to tornado events is \$0 (in 2023 dollars), having an approximate average annual loss estimate of \$0. Based on historic damages and best available data the impact of a wind event on the Village of Shortsville 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 W-29. Estimated Average Annual Losses

| JURISDICTION | TOTAL PROPERTY & CROP LOSS | AVERAGE ANNUAL LOSS ESTIMATES |
|------------------------|----------------------------|-------------------------------|
| Village of Shortsville | \$0 | \$0 |

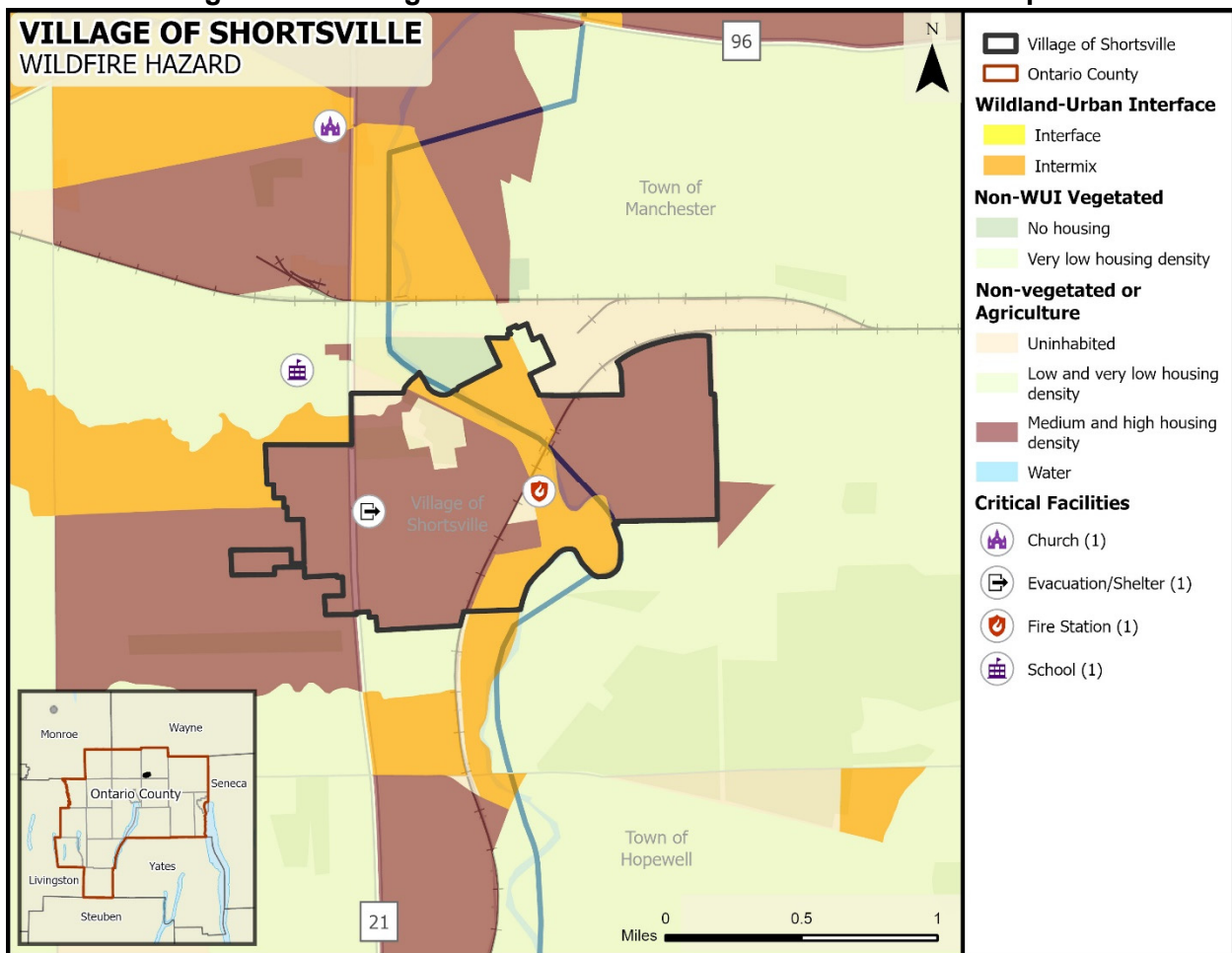
ANNEX W: VILLAGE OF SHORTSVILLE

WILDFIRE

HAZARD DESCRIPTION, & LOCATION

The Ontario County Hazard Mitigation Plan Update provides a hazard description of the wildfire hazard for each participating jurisdiction (Section 16). 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 W-3). The Village of Shortsville planning area is considered at low risk for wildfires with limited WUI areas.

Figure W-3. Village of Shortsville Wildland Urban Interface Map¹⁰



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

¹⁰ Map sources: ESRI OpenStreetMap (Custom: no labels), Census TIGER/LINE (2022), Ontario County Information Technology Department (2023), USGS ScienceBase Catalog (2022)

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Village of Shortsville, had a “Low” FDRA Risk rating as of October 2023 (Section 16, Figure 16-2).

EXTENT

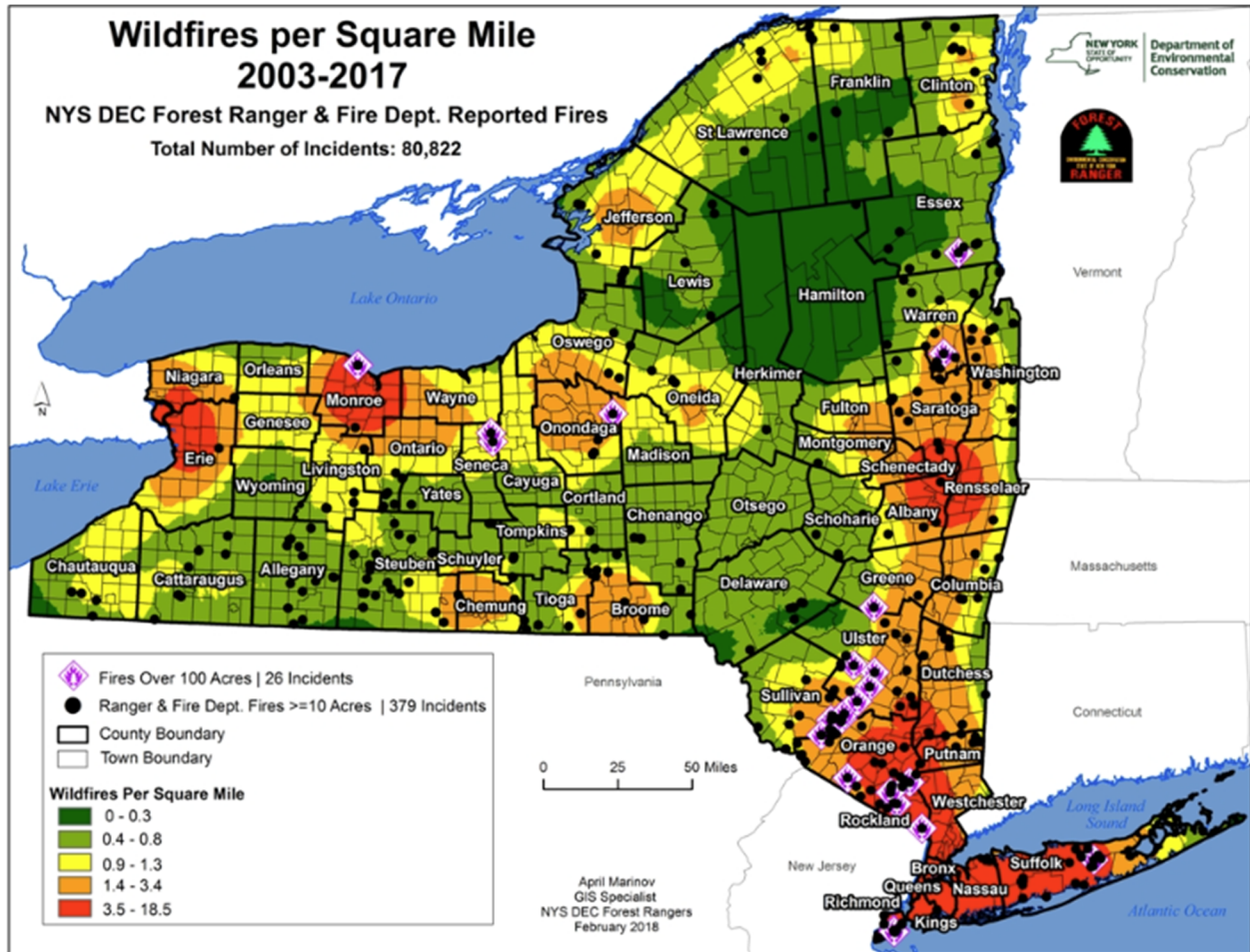
Risk for a wildfire event is measured in terms of magnitude and intensity using the Keetch Byram Drought Index (KBDI), a mathematical system for relating current and recent weather conditions to potential or expected fire behavior. The KBDI is available at the county level. The Ontario County Hazard Mitigation Plan Update provides KBDI levels and descriptions along with the range of historical KBDI levels for the planning area (Section 16).

The average extent to be mitigated for the planning area is a KBDI of 200-300. 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 W-4). Detailed data on historic wildfires in the planning area, including damages, acres burned, fatalities, or injuries, was not available. There were no wildfires greater than 100 acres in Ontario County during that same period, but the southern portions of the County have experienced incidents greater than 10 acres. The Village of Shortsville planning area can anticipate limited future wildfire events, burning less than 10 acres.

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Figure W-4. Wildfires per Square Mile, 2003-2017



HISTORICAL OCCURRENCES

Between 2003 and 2022 there were 1,553 wildfire events in Ontario County. These incidents are reported countywide. Most of the incidents (877) were brush or brush and grass mixture fires followed by natural vegetation (309), and grass fires (240). Based on data provided for historical wildfire events for the Ontario County planning area, 235 events have occurred since the 2018 Plan.

PROBABILITY OF FUTURE EVENTS

With 1,553 events in a 19-year period, a wildfire event within the Ontario County planning area, including participating jurisdictions, is “Highly Likely” meaning an event is probable within the next year.

VULNERABILITY AND IMPACT

The Village of Shortsville 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 Section 16.

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Table W-30. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

For the Village of Shortsville, 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.

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WIND

HAZARD DESCRIPTION, LOCATION, & EXTENT

The Ontario County Hazard Mitigation Plan Update provides a hazard description, location, and extent of the wind hazard for each participating jurisdiction (Section 17). Wind events are not confined to specific geographic boundaries and are considered similar for all participating jurisdictions throughout the planning area.

HISTORICAL OCCURRENCES

Since 1956, three wind events are known to have occurred in the Village of Shortsville. Table W-31 presents information on known historical events impacting the Village of Shortsville.

Table W-31. Historical Wind Events, 1968-2023¹¹

| JURISDICTION | DATE | MAGNITUDE (knots) | DEATHS | INJURIES | PROPERTY DAMAGE | CROP DAMAGE |
|------------------------|-----------|---------------------|----------|----------|-----------------|-------------|
| Village of Shortsville | 7/19/2020 | 51 | 0 | 0 | \$6,858 | \$0 |
| | 8/11/2021 | 51 | 0 | 0 | \$1,083 | \$0 |
| | 8/16/2022 | 51 | 0 | 0 | \$514 | \$0 |
| TOTALS | | (MAX EXTENT) | 0 | 0 | \$8,455 | \$0 |

Based on the list of historical wind events for the Village of Shortsville, three of the reported events have occurred since the 2018 Plan.

PROBABILITY OF FUTURE EVENTS

Historical wind events are often 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 Ontario County planning area, the Village of Shortsville can expect to experience a wind event four to five times a year. This frequency supports a “Highly Likely” probability of future events.

VULNERABILITY AND IMPACT

The Village of Shortsville 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 Section 17.

Table W-32. Critical Facilities at Risk

| JURISDICTION | CRITICAL FACILITIES |
|------------------------|--|
| Village of Shortsville | 1 Church, 1 Evacuation Shelter, 1 Fire Station, 1 School |

According to the American Community Survey (ACS) five-year estimates for 2021, a total of 73 (10 percent of total housing stock) manufactured homes located in the Village of Shortsville. In addition, 84 percent (approximately 599 structures) of the housing structures in the Village of Shortsville were built before 1980. These structures would typically be built to lower or less

¹¹ Historical events are reported from January 1956 through August 2023. Magnitude is listed when available. Damage values are in 2023 dollars.

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stringent construction standards than newer construction and may be more susceptible to damages during significant wind events.

Table W-33. Structures at Greater Risk

| JURISDICTION | SFR STRUCTURES BUILT BEFORE 1980 | MANUFACTURED HOMES |
|------------------------|----------------------------------|--------------------|
| Village of Shortsville | 599 | 73 |

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. An estimated 6 percent of the Village of Shortsville’s population live below the poverty level (Table W-34).

Table W-34. Populations at Greatest Risk

| JURISDICTION | POPULATION BELOW POVERTY LEVEL |
|------------------------|--------------------------------|
| Village of Shortsville | 103 |

Impact of wind events experienced in the Village of Shortsville 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 67.5-year reporting period there has been a total of \$8,455 damages (in 2023 dollars) in the Village of Shortsville due to wind events. The estimated average annual loss from a wind event is \$125.

Table W-35. Estimated Annualized Losses

| JURISDICTION | TOTAL PROPERTY & CROP LOSS | ANNUAL LOSS ESTIMATES |
|------------------------|----------------------------|-----------------------|
| Village of Shortsville | \$8,455 | \$125 |

CLIMATE CHANGE CONSIDERATIONS

The Ontario 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 Ontario County unless otherwise stated. Please see Sections 5 through 17 of this Plan Update for additional information on climate change considerations by hazard.

HUMAN-CAUSED HAZARDS

The Ontario County Hazard Mitigation Plan Update provides a detailed hazard profile for human-caused hazards including fire, hazardous materials, infestation, terrorism, utility failure, and water supply contamination. Information for these hazards 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 Ontario County planning area. Please see Sections 18 through 23 of this Plan Update for additional information on human-caused hazards evaluated for this plan.

ANNEX W: VILLAGE OF SHORTSVILLE

PREVIOUS MITIGATION ACTIONS

While the Village of Shortsville was a participant in the 2018 Plan, no mitigation actions were proposed for the Village in the previous plan. Refer to Section 25 Previous Actions, for a complete list of Ontario County's previous actions.

ANNEX W: VILLAGE OF SHORTSVILLE

NEW MITIGATION ACTIONS

| VILLAGE OF SHORTSVILLE PROPOSED PROJECTS | | | | | | | | | | | | | |
|---|----------------------------|------------------------|---|---|------|-------------------------|--------------------|--|-----------------|---|---|----------|---------------------------------|
| *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 |
| 1 | 4.2 | Flood | Water Street Bridge Repair/Replacement: The existing structure is in need of replacement. In addition, the hydraulic capacity of this structure may not comply with commonly accepted standards. Floodwaters can cause debris to back up at the bridge, exacerbating flooding, damaging the bridge and causing scour and erosion to embankments at the bridge site. If the bridge is out of service this would affect Red Jacket School traffic, pedestrian traffic, and emergency vehicles. This project promotes public safety. | Assess and implement necessary improvements needed for Water Street Bridge over Paddleford Creek. | No | Further review required | 12-24 months | Village Board and Highway Department | \$920,000 | Reduce damages to infrastructure including roadways, sidewalks, bridges, and culverts; Reduce demands on emergency response during high water events. | Local Department Budget; HMGP, BRIC, CDBG, PA 406 (when applicable) local bonds | H | Safety/Security, Transportation |
| 2 | 3.1 | Extreme Heat, Drought | Improve Household Preparedness: The general public may not have a full understanding of the risk associated with hazards impacting the planning area. Education programs can provide life safety benefits to residents in the area and provide information on mitigation measures residents can employ to reduce damages to their property. | Prepare tips for avoiding impacts of extreme heat and drought to be disseminated via press release, social media to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages. This can include heat advisory warning alerts, water conservation techniques, etc. | No | N/A | 12 months | Village Board, Ontario County Emergency Management | Staff Time | Promote hazard awareness and protect residents from potential injuries and damages. | Local Department Budget, Staff time | M | Communication |

ANNEX W: VILLAGE OF SHORTSVILLE

| VILLAGE OF SHORTSVILLE PROPOSED PROJECTS | | | | | | | | | | | | | |
|---|----------------------------|-------------------------------------|---|--|------|------------|--------------------|--|-----------------|--|-------------------------------------|----------|--------------------|
| *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 |
| 3 | 3.1 | Extreme Cold, Ice Storm, Snow Storm | Improve Household Preparedness: The general public may not have a full understanding of the risk associated with hazards impacting the planning area. Education programs can provide life safety benefits to residents in the area and provide information on mitigation measures residents can employ to reduce damages to their property. | Prepare tips for avoiding impacts of extreme cold, ice storms and snow storms to be disseminated via press release, social media to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages. This can include identifying warming stations, install warning signs at hazardous bridges and roadways subject to ice, mitigation measures to prevent frozen pipes ways, etc. | No | N/A | 12 months | Village Board, Ontario County Emergency Management | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Department Budget, Staff time | M | Communication |
| 4 | 3.1 | Hail, Tornado, Wind | Improve Household Preparedness: The general public may not have a full understanding of the risk associated with hazards impacting the planning area. Education programs can provide life safety benefits to residents in the area and provide information on mitigation measures residents can employ to reduce damages to their property. | Prepare tips for avoiding impacts of hail, tornado, and wind to be disseminated via press release, social media to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages. This can include harden/retrofitting structures, tree removal/branch maintenance, covered parking, etc. | No | N/A | 12 months | Village Board, Ontario County Emergency Management | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Department Budget, Staff time | M | Communication |

ANNEX W: VILLAGE OF SHORTSVILLE

| VILLAGE OF SHORTSVILLE PROPOSED PROJECTS | | | | | | | | | | | | | |
|---|----------------------------|------------------------|---|---|------|------------|--------------------|--|-----------------|--|-------------------------------------|----------|--------------------|
| *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 |
| 5 | 3.1 | Lightning | Improve Household Preparedness: The general public may not have a full understanding of the risk associated with hazards impacting the planning area. Education programs can provide life safety benefits to residents in the area and provide information on mitigation measures residents can employ to reduce damages to their property. | Prepare tips for avoiding impacts of lightning to be disseminated via press release, social media to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages. This can include installation of surge protectors, tree removal/branch maintenance, etc. | No | N/A | 12 months | Village Board, Ontario County Emergency Management | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Department Budget, Staff time | M | Communication |
| 6 | 3.1 | Wildfire | Improve Household Preparedness: The general public may not have a full understanding of the risk associated with hazards impacting the planning area. Education programs can provide life safety benefits to residents in the area and provide information on mitigation measures residents can employ to reduce damages to their property. | Prepare tips for avoiding impacts of wildfire to be disseminated via press release, social media to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages. This can include identification of high-risk areas, creating defensive space, brush/debris maintenance, etc. | No | N/A | 12 months | Village Board, Ontario County Emergency Management | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Department Budget, Staff time | M | Communication |

ANNEX W: VILLAGE OF SHORTSVILLE

| VILLAGE OF SHORTSVILLE PROPOSED PROJECTS | | | | | | | | | | | | | |
|---|----------------------------|------------------------|---|---|------|------------|--------------------|--|-----------------|--|-------------------------------------|----------|--------------------|
| *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 |
| 7 | 3.1 | Landslide | Public Awareness Program: The general public may not have a full understanding of the risk associated with hazards impacting the planning area. Education programs can provide life safety benefits to residents in the area and provide information on mitigation measures residents can employ to reduce damages to their property. | Educate property owners, elected officials, and planning and zoning decision-makers about landslide risks and best management and development practices to minimize risk/damage, which can include: avoid building near steep slopes, close to cliffs, near drainage ways, or stream channels, planting ground cover on slopes; build channels or deflection walls to direct the flow around buildings, installation of flexible pipe fittings to avoid gas or water leaks, and/or use of sandbags, retaining walls or k-rails (Jersey barriers). | No | N/A | 36 months | Village Board in conjunction with Ontario County Planning and Soil and Water Conservation district | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Department Budget, Staff time | L | Communication |
| 8 | 3.1 | Infestation | Invasive Species: Ontario County is at risk of being infested with invasive species which could cause great economic hardship to the community and storm water management. | Secure funding for education and best management practices to reduce damage from invasive species on county-wide own properties and private own properties. | No | N/A | 36 months | Village Board, Ontario County Soil and Water Conservation District and Cooperative Extension | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Department Budget, Staff time | L | Communication |

ANNEX W: VILLAGE OF SHORTSVILLE

| VILLAGE OF SHORTSVILLE PROPOSED PROJECTS | | | | | | | | | | | | | |
|---|----------------------------|--|--|--|------|------------|--------------------|--|-----------------|--|---------------------------|----------|--------------------|
| *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 |
| 9 | 3.3 | Drought, Flood, Landslide, Snow Storm, Tornado, Wildfire, Wind | Code Enforcement: There is a code enforcement officer shortage throughout the county. and those smaller jurisdictions may need to evaluate and update coding to follow the County (who will potentially take lead if position is vacant) | If applicable, need to evaluate and update coding to follow the County. | No | N/A | As needed | Village Board | Staff Time | Ensures compliance to current code and restrictions. Reduce damages to structures and infrastructure; Reduce risk of injuries or fatalities. | Local Department Budget | L | Communication |
| 10 | 3.1 | Fire, HazMat | Public Awareness Program: The general public may not be aware of the risk fire and hazardous material releases as it related to the County. | Work with local fire departments and volunteer fire departments on ways to protect residents and the community from the effects of structural fires and hazardous material releases. This can include monitoring home fire alarms/carbon monoxide alerts, fire extinguishers in home, proper safety tips, etc. | No | N/A | 36-60 months | Village Board, in conjunction with Local Fire Departments | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Budget | L | Communication |
| 11 | 3.1 | Terrorism | Public Awareness Program: The general public may not be aware of the risk of potential domestic terrorism that could impact the County. | Work with county and local departments to better protect critical infrastructure from potential domestic or foreign terrorism. Educate the public on what to do if they have concerns on a potential threat. | No | N/A | 36-60 months | Village Board, in conjunction with Local Police Department | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Budget | L | Communication |

ANNEX W: VILLAGE OF SHORTSVILLE

| VILLAGE OF SHORTSVILLE PROPOSED PROJECTS | | | | | | | | | | | | | |
|---|----------------------------|----------------------------|---|--|------|------------|--------------------|--|-----------------|--|---------------------------|----------|--------------------|
| *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 |
| 12 | 3.1 | Utility Failure | Public Awareness Program: The effects of utility failure no related to hazard events has caused power outages and inability for critical services to remain operational, effecting operations | Work with local utility providers to educate the public on ways to enhance utility operations through sending out notification to service customers by mail or paperless enrollment. | No | N/A | 36-60 months | Village Board, in conjunction with local utility providers | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Budget | L | Communication |
| 13 | 3.1 | Water Supply Contamination | Public Awareness Program: The effects of water contamination has been experienced throughout the County. | Work with local water districts on educating the public of what they can do to prevent water contamination and/or damage to water infrastructure, such as clearing out drains, better protection of critical infrastructure throughout the community, etc. | No | N/A | 36-60 months | Village Board, in conjunction with water districts | Staff Time | Reduce risk to citizens by educating the public on how to prepare for hazards and disasters. | Local Budget | L | Communication |

ANNEX W: VILLAGE OF SHORTSVILLE

CAPABILITY ASSESSMENT

| COMMUNITY CAPABILITY CHECKLIST | Village of Shortsville |
|--|------------------------|
| PLANS | |
| Capital Improvements Plan | |
| Climate Change Adaptation Plan | |
| Comprehensive/Master/Land Use Plan | X |
| Community Wildfire Protection Plan | |
| Continuity of Operations | |
| Drought Contingency Plan | |
| Economic Development Plan | |
| Emergency Management Action Plan | |
| Emergency Operations Plan | |
| Emergency Response Plan and Pandemic Plan Annex | |
| Extreme Heat Plan/Protocol | |
| Evacuation Plan | |
| Floodplain Management Plan | |
| Hazard Mitigation Plan | X |
| Local Waterfront Revitalization Plan | |
| Natural Resource Conservation Plan | |
| Open Space Plan | |
| Stormwater Management Plan | |
| Transportation Plan | |
| Watershed Protection Plan | |
| POLICIES/ORDINANCES | |
| Building Codes | |
| Construction Site Stormwater Runoff Control | |
| Post-Construction Stormwater Management in New Development and Redevelopment | |
| Critical Infrastructure Protection | |

ANNEX W: VILLAGE OF SHORTSVILLE

| COMMUNITY CAPABILITY CHECKLIST | Village of Shortsville |
|---|------------------------|
| Fire Codes | |
| Floodplain Ordinance | X |
| Illicit Discharge Detection and Elimination | |
| Local Environmental Review | |
| Local Wetland Regulations | |
| Public Maintenance of Streets, Bridges, other | |
| Regulation of Invasive Species | |
| Regulation for Prevention of Water Contamination | |
| Regulation for Unsafe/Defective Structures | |
| Sediment and Erosion Control Measures | |
| Site Plan Review Requirements | |
| Steep Slope Ordinance | |
| Stream Buffer Ordinance | |
| Stormwater/ Drainage Ordinance | |
| Subdivision Regulations | |
| Timber Harvesting Regulations | |
| Tree Protection or Landscaping Ordinance | |
| Use of Pollutants: Road Salt Use, Fertilizers, Pesticides, etc. | |
| Wildfire Ordinance | |
| Winter Road Maintenance | |
| Zoning Ordinance/Land Use Restrictions | |
| Additional Hazard-Related Regulations or Plans | |
| PROGRAMS | |
| Firewise Communities | |
| Floodplain Maps/Flood Insurance Studies | |
| Hydrologic/ Hydraulic Studies | |
| Mutual Aid Agreement | |

ANNEX W: VILLAGE OF SHORTSVILLE

| COMMUNITY CAPABILITY CHECKLIST | Village of Shortsville |
|--|------------------------|
| National Flood Insurance Program Participant | X |
| NFIP Community Rating System Participant | |
| Property Acquisition Program | |
| Public Education/ Awareness Programs | |
| Stream Maintenance Program | |
| Storm Drainage Systems Maintenance Program | |
| StormReady Communities | |
| Warning Systems/ Services | |
| STAFF / DEPARTMENTS | |
| Building Code Official | X |
| Emergency Manager | |
| Engineer/Public Works Official | |
| Environmental Conservation Specialist | |
| Floodplain Administrator | X |
| GIS Specialist | |
| Personnel with Hazard Knowledge | |
| Planners | |
| Public Information Official | |
| Resource Development/ Grant Writer | |