

Identify 2019-2024 Past Hazard Events or Severe Weather and Locations in Town

HENNIKER HAZARD MITIGATION

What happened in Henniker??

- **WHEN?** Choose the Year column, then add the Month (or Season) of the event, add Date if known
- **WHAT?** Describe what happened during the event in the Town.
- **WHERE?** Note location of the event in Town - which road, intersection, brook, park, forest?

HMC Members - Add your hazard/severe weather experiences into this file and return to SA
 Submit photos of hazard events or severe weather for the Photo Appendix!
 PLEASE HIGHLIGHT YOUR CHANGED CELLS IN GREEN FOR EASY IDENTIFICATION OF REVISIONS

Meeting 1
 4/29/2024
 Email your file to Stephanie at
salexander@cnhrpc.org

WE ALSO NEED YOUR PHOTOS!

The Plan needs your personal, Dept, or agency photos of the past severe weather events in the Town to illustrate their impact. Email Stephanie your .JPEGs or share a Dropbox or Google Drive link to the photos.
 ↳ Ensure photo DATE is noted, and add event LOCATION (street, business, waterbody, etc) and WHO gets the photo credit in file name or

UPLOAD PHOTOS TO GOOGLE DRIVE:
https://drive.google.com/drive/folders/1BpLa_eBoY4gIAJe2x99Mtd8q2IH18SQ7?usp=sharing
UPLOAD PHOTOS TO DROPBOX:
https://www.dropbox.com/sc/fo/xgyvtp8473pn3vnxqby1/ADJukN5TPoSkFU_6nAEMCj07rlkeyrsvsm1ph0x06elr7kwe4x2c1kn&st=xso8e

Natural Hazards	ANNUAL or SEASONAL Hazards? WHERE?	2019 (Month) Events	2020 (Month) Events	2021 (Month) Events	2022 (Month) Events	2023 (Month) Events	2024 (Month) Events	NOTES	NOTES
Hydrologic Hazards	Seasonal	2019	2020	2021	2022	2023	2024		
DROUGHT	NEARLY ANNUAL: Water restrictions annually (?), wells for the last 3 years 2020-2023.	2016-2020 Drought, May-Oct	10 Jul - Moderate drought conditions 1 Sep - severe drought conditions 27 Oct - Severe to extreme drought conditions 1 Dec - Moderate to severe drought conditions	4 May - Moderate drought conditions	Summer 2022:				
WILDFIRE Brushfire, Outdoor Fires, Accidental, etc.	ANNUAL: Numerous wildfires at ___ State Forest, between xx-xx acres each event. Regular wildfires to respond to.								
COLD WEATHER STORMS (Atmospheric Hazards)	Seasonal	2019	2020	2021	2022	2023	2024		
WINTER STORMS, BLIZZARDS (winds >35 mph, visibility <0.25 mile, >3 hours), NOR'EASTERS (tropical pattern, low pressure, follows East Coast)	HENNIKER.	20 Jan - snowstorm 4-12" throughout the state 12-13 Feb - Snow and wintry mix storm 6-12" 2 Dec - Snowstorm 1-12" throughout the state 29 Dec - Snowstorm 6-10" throughout the state .	17 Dec - Snowstorm 5-25" throughout the state.	1-2 Feb - Severe snowstorm 3-16" of snow throughout the state.	Feb 16- Snow	Jan 22 "?" Dec 23-25- Rain, wind, flood. Downed lines, trees, schools closed. Power outages for days.	Jan 9- Snow, ice, then melt. Jan 13- Snow, ice, then melt.		
ICE STORM			7-8 Feb - Heavy snow, freezing rain, sleet, and rain causing many power outages.						
EXTREME TEMPERATURES (Atmospheric Hazards)	Seasonal	2019	2020	2021	2022	2023	2024		
COLD WAVE Wind Chill, Freezing	HENNIKER encounters very cold temperatures.		13 Feb - Extreme cold temperatures 15-25 degrees below zero			Feb 3-4 Cold Snap: Most communities in Central NH experienced negative temperatures (-10 to -19 degrees F) plus windchill, ranging as low as -45 degrees for a 36-hour period. May 16- deep frost. Lots of crops damaged with freeze. Apples, cherries, pears, peaches, oak trees, strawberries. Food crop was devastated locally, impacts economics.			
HEAT WAVE Excessive Heat	HENNIKER encounters very cold temperatures.	19 Jul - High heat and humidity 90-100 deg F		29 Jun - Extreme heat and humidity 90-100 degrees F		Jun 2023- High electric demands may cause brownout, a detrimental result for elderly.			

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FLOODING (Hydrologic Hazards)	Seasonal	2019	2020	2021	2022	2023	2024		
DAM FAILURE Water Overtop, Breach, Beaver, etc.	ANNUAL- Regular beaver dam failures at: There is a list - not a specific time or season. Beaver dependent. Highway Dept. Relocations are attempted when								
INLAND FLOODING Rainstorms, Snow Melt, Flash Floods, Ditch Erosion, Washouts, Pond Overtop, etc	SEASONAL: Minor flooding from snow melt and rainstorms impacts roadways, brooks and ponds, and the Suncook River.	19-22 Apr - Heavy rain, warmer weather, and snowmelt caused spring flooding 11-12 Jul - Repeated thunder storms caused flash flooding.		1 Aug - Heavy rain and flooding 30 Jul - torrential rain 18 Jul - Severe rain storm and flooding.	Oct 23 - minor flooding 12/22 4" rain, flooding	July 16 - Rains and flooding. Dec 12- Rains and flooding.			
RIVER HAZARDS Ice Jams, Scouring, Erosion, Channel Movement, Debris, etc	ANNUAL: River can flood or erode banks.								
Geologic Hazards	Seasonal	2019	2020	2021	2022	2023	2024		
LANDSLIDE Soil, Rockslide, Excavation Areas, etc.	NONE								
EARTHQUAKE	ANNUAL: Regional 4-5 small earthquakes <3.0MM impact the area, with no more than a large "boom" or shaking windows during a nearby earthquake.								
PUBLIC HEALTH (Biologic Hazards)	Seasonal	2019	2020	2021	2022	2023	2024		
PUBLIC HEALTH Infectious Diseases, Air & Water Quality, Biological, Addiction, Arboviral, Tick-borne, etc.	ANNUAL: Emerald Ash Borer or cyanobacteria? Lyme disease (tick) or West Nile (mosquito)?			March 2020 - June 2022- Coronavirus pandemic					
SOLAR STORMS AND SPACE WEATHER (Space Hazards)	Seasonal	2019	2020	2021	2022	2023	2024		
SOLAR STORMS AND SPACE WEATHER Solar Winds, Geomagnetic Storms (Aurora Borealis), Solar Radiation, Radio	PERIODIC: Communications equipment has been subject to geomagnetic radiation and solar storms in the past.				HENNIKERs offline until Lakes Region backup engaged. Multiple antennas replaced.				
WARM WEATHER STORMS	Seasonal	2019	2020	2021	2022	2023	2024		

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HIGH WINDS Wind Gusts, Storms (Causes Tree Debris, Electric Outage)	HENNIKER is susceptible. MAIN TREEFALL	2/25/19- High winds. 7/23 T-storm/wind 10/17/19 DR- Wind/Rain storm.	25 Dec - Heavy rain 1.5-2.5" and Strong wind 45-55 mph. Extreme.	3/2/21- Windstorm. 3/29/21- Windstorm. 5/26 T-storm/wind 7/21 T-storm/wind 7/23 T-storm/wind	Apr 18 & 19- Heavy rainstorm and winds caused treefall. 7/12 T-storm/wind Nov 29- Heavy winds caused treefall on utility lines. Dec 26- Pembroke Plausawa tower came down in the last wind event, day after Christmas. CAMAFAC equipment on the ground, diverted to another tower for simulcast and microwave system. Pembroke has rehabilitation cost on their most recent FEMA claim.			HENNIKERs impacted.		
THUNDERSTORMS	ANNUAL: Common culvert fail locations:						Jul 17-20 2023 DR- Thunerstorms, rain, flooding, downed trees and powerlines			
DOWNBURSTS										
LIGHTNING	HENNIKER & State Forests.				May 22- lighting storm.					
TORNADOES										
HAIL						June 2023- Local Central NH hail storm, about a quarter-sized.				
TROPICAL AND POST-TROPICAL CYCLONES Hurricanes, Tropical Storms, Tree Debris	HENNIKER is susceptible.		Aug 3-6 - Tropical Storm Isaias	Aug 19-27 - Tropical Storm Henri				One egress roads?	Damage can include water, flooding, trees down, drinking water infrastructure.	
HENNIKER & REGION										
AVALANCHE										
COASTAL FLOODING										
TSUNAMI										
VOLCANIC ACTIVITY										
Technological and Human Hazards, Impacts from Natural Hazards	ANNUAL or SEASONAL Hazards? WHERE?	2019 (Month) Events	2020 (Month) Events	2021 (Month) Events	2022 (Month) Events	2023 (Month) Events	2024 (Month) Events	NOTES	NOTES	
AGING INFRASTRUCTURE Bridges, Culverts, Roads, Pipes, Underground Lines, Debris, etc	Public Works Dept check log - # of events/year or note 1 significant event per year	Human & Tech Hazards are lower priority. Add Events as time permits.								
LONG TERM UTILITY OUTAGE Power, Water, Sewer, Gas, Internet, Communications, Live	Public Works Dept check log - # of events/year or note a significant event per year				3/2/21- Windstorm			Electric Coverage:	Gas: Internet: Phone:	

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CONFLAGRATION (FIRE)	Fire Dept check log - # of events/year or note a significant event per year, how many acres burned?							How many non-natural fires per year? Any pattern?	
HAZARDOUS MATERIALS Haz Mat Spills, Brownfields, Trucking, Known and Emerging Contaminents, etc	Fire Dept check log - # of events/year or note 1 significant event per year								
TRANSPORTATION CRASH Vehicle, Airplane, Helicopter, Rail, Interstate, Pedestrian,	ANNUAL: List State Routes, intersections with regular crashes+C57	Human & Tech Hazards are lower priority. Add Events as time permits.							
MASS CASUALTY INCIDENT As a result of any hazard event	Fire Dept check log - # of events/year or note a significant event per year								
TERRORISM/ VIOLENCE Active Shooter, Hostage, Public Harm, Civil Disturbance/ Unrest, Politically Motivated Attacks, Incendiary Devices, Sabotage, Vandalism, etc.	Police Dept check log - # of events/year or note a significant event per year								
CYBER EVENT Municipal Computer Systems Attack, Website Overtake, Cloud Data Breach, Telephone Rerouting, Identity Theft, Phishing, Ransomware, Virus, Phone Scams, etc.	Police Dept check log - # of events/year or note a significant event per year								