

STATE OF VERMONT JOINT FISCAL OFFICE

# MEMORANDUM

To:Joint Fiscal Committee membersFrom:Daniel Dickerson, Fiscal AnalystDate:July 11, 2020Subject:Grant Requests – JFO #3008-3009

Enclosed please find two (2) items, which the Joint Fiscal Office has received from the Administration.

**JFO #3008** – \$910,888 from the U.S. Dept. of Health and Human Services to the Vermont Veterans Home. <u>This is provider relief funding that was appropriated in the CARES</u> <u>Act.</u> Funds will be used to offset eligible expenses stemming from the COVID-19 pandemic in FY20-21 and may be used to offset lost revenue in FY21, as permitted by federal guidance. [*JFO received 07/08/20*]

**JFO #3009** – \$3,167,132 from the Federal Emergency Management Agency to the VT Dept. of Public Safety. The funds will be used to provide public assistance to the eight counties impacted by a flooding event on October 31 to November 1, 2019. The total cost of the disaster was estimated to be \$3,862,356. Within the total funding package is \$2,896,767, which represents the 75% federal share of the total disaster cost. The state will provide \$395,891 from the Emergency Relief and Assistance Fund (ERAF) and the remaining costs will be borne from local or other sources. The remaining \$270,365 grant total (7% of the total disaster cost) may be used for management costs. Grant funds will be expended in FY21-22, per the grant documents. [*JFO received 07/08/20*]

Please review the enclosed materials and notify the Joint Fiscal Office (Daniel Dickerson at (802) 828-2472; <u>ddickerson@leg.state.vt.us</u>) if you have questions or would like an item held for legislative review. Unless we hear from you to the contrary by <u>July 25, 2020</u> we will assume that you agree to consider as final the Governor's acceptance of this request.



#### State of Vermont

Department of Finance & Management 109 State Street, Pavilion Building Montpelier, VT 05620-0401 Agency of Administration

[phone] 802-828-2376 [fax] 802-828-2428

# STATE OF VERMONT FINANCE & MANAGEMENT GRANT REVIEW FORM

Grant Summary:		Federal funding for disaster DR-4474, which is in response to a storm and associated flooding on 10/31/19 that impacted eight counties.							
Date:		4/23/2020							
Department:	Departmen	nt of Pul	olic Safety						
Legal Title of Gra	nt:	Disaster G	rants - F	ublic Assistance	ce (Presidentially l	Declared Disasters)			
Federal Catalog #		97.036							
Grant/Donor Nam	e and Address:	Federal Emergency Management Agency							
Grant Period:	From:	10/31/201 9	To:	1/13/2022	8				
Grant/Donation		\$4,132,72	ţ						
	SFY 1	SFY	2	SFY 3	Total	Comments			
Grant Amount:	\$1,293,888	\$2,425,5	562	\$413,273	\$4,132,721				

	<b># Positions</b>	Explanation/Comments
<b>Position Information:</b>	0	
Additional Comments:	ĩ	The total budget of \$4,132,721 is ~7% higher than the amount in the application (\$3,862,356) as DPS is eligible for ~7% of the award for management costs (due to it being a Presidentially declared disaster). The grant application doesn't count those costs (7%), whereas the AA-1 does.
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Department of Finance & Management	Adam Greshin	igitally signed by Adam Greshin ate: 2020_04_24 14:09:18 -04'00'	(Initial)
Secretary of Administration	Bradley L Ferland	Hally signed by Bradley L Ferland re: 7020 04.24 15 33 15 -04 00	(Initial)
Sent To Joint Fiscal Office			Date
4			2





State of Vermont Department of Public Safety 45 State Drive Waterbury, Vermont 05671-1300 (802) 241-5000 TTY/TDD (888) 545-7598 www.dps.vermont.gov

April 20, 2020

To: Rich Donahey

From: Melissa Austin, Financial Administrator

Re: Request for Grant Acceptance

Attached you will find a request for Grant Acceptance (Form AA-1) for the FEMA Public Assistance grant program for FEMA-DR-4474-VT.

If you have any questions please contact me at <u>Melissa.Austin@vermont.gov</u>. Respectfully,

Melissa

Cc: Richard Deschamps, Financial Manager Cc: Rick Hallenbeck, Director of Administration

# STATE OF VERMONT REQUEST FOR GRANT (\*) ACCEPTANCE (Form AA-1)

1. Agency:				
	Public Safety		1	
	Tublic Salety			
3. Program:	Vermont Emergency Ma	anagement		1
4. Legal Title of Grant:	Disaster Grants- Public	Assistance (Presidentiall	y Declared Disaster	s)
5. Federal Catalog #:	97.036			
	14			
6. Grant/Donor Name and A		×		
Federal Emergency M			2/2022	
7. Grant Period: Fron	n: 10/31/2019	<b>To:</b> 1/1	3/2022	
8. Purpose of Grant:				
	aster assistance for eme	ergency work and the rep	air/replacement of d	isaster damaged
facilities during the Oc	tober 31-November 1.	2019 flooding event in A	ddison Chittenden	Essex Franklin
	eans, and Washington c		idaison, cintonaon,	Losex, Frankini,
9. Impact on existing program				
		s may have to bear the fu	all cost of the disaste	r related expenses.
		liminary Damage Assess		
State Management Cos		, 6	,	,
10. BUDGET INFORMATIC	DN			
	SFY 1	SFY 2	CEV 2	
			SFY 3	Comments
Expenditures:	FY 2020	FY 2021	FY 2022	Comments
Expenditures: Personal Services			FY 2022	Comments Cat Z MC
	FY 2020	FY 2021		
Personal Services	<b>FY</b> 2020 \$135,182	FY 2021 \$108,146	FY 2022 \$27,037 \$	Cat Z MC
Personal Services Operating Expenses	<b>FY</b> 2020 \$135,182 \$	FY 2021 \$108,146 \$	<b>FY</b> 2022 \$27,037	
Personal Services Operating Expenses Grants Total	<b>FY</b> 2020 \$135,182 \$ \$1,158,706	FY 2021 \$108,146 \$ \$ \$ \$ \$2,317,414	<b>FY</b> 2022 \$27,037 \$ \$386,236	Cat Z MC
Personal Services Operating Expenses Grants Total	<b>FY</b> 2020 \$135,182 \$ \$1,158,706	FY 2021 \$108,146 \$ \$ \$ \$ \$2,317,414	<b>FY</b> 2022 \$27,037 \$ \$386,236	Cat Z MC
Personal Services Operating Expenses Grants Total Revenues:	FY 2020 \$135,182 \$ \$1,158,706 \$1,293,888	FY 2021 \$108,146 \$ \$ \$ \$2,317,414 \$2,425,560	FY 2022 \$27,037 \$ \$386,236 \$413,273	Cat Z MC
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# **STATE OF VERMONT REQUEST FOR GRANT**<sup>(\*)</sup> **ACCEPTANCE** (Form AA-1)

,		\$ Total \$1,00	04,212
		1011 \$1,00	<i>J</i> 4, <i>2</i> 12
		14	
PERSONAL SERVICE IN			
		one or more Personal Service Contra ndicate intent to follow current competit	
N			tive bloding process/policy
Appointing Authority Name	e: Agreed by:	(initial)	
12. Limited Service	<b>#D</b>		
Position Information:	# Positions	Title	
			3 <sup>-</sup>
Total Positions			
12a. Equipment and space	for these	Is presently available. Can be obt	tained with available funds.
positions:			amea with available funds.
<b>13. AUTHORIZATION A</b>	GENCY/DEPARTM	ENT	
I/we certify that no funds	Signature: E-SIGN	ED by Christopher Herrick 20-04-17 08:56:48 EDT	Aprel 17, 2020
beyond basic application preparation and filing costs		sioner/DPS Deputy Commissioner	
have been expended or		Dep	outy Commissioner
committed in anticipation of Joint Fiscal Committee	Signature:		Date:
approval of this grant, unless			
previous notification was made on Form AA-1PN (if	Title:		
applicable):			
14. SECRETARY OF ADM	AINISTRATION		
	(Secretary or designee signa	Digitally signed by Bradley L Ferland	Date:
Approved:	Bradley L Ferland	Date: 2020.04.24 15:34:03 - 0400	
<b>15. ACTION BY GOVERN</b>	NOR		
Check One Box:		<u> </u>	
Accepted	H N	HA.	The second second
'	(Governor's signature)	XX ( )	7/8/20
Rejected	/ V		1100
<b>16. DOCUMENTATION R</b>	EQUIRED		
1	Require	d CRANT Documentation	
Request Memo	2 11 11 )	Notice of Donation (if any)	11.
Dept. project approval (if Notice of Award	applicable)	Grant (Project) Timeline (if application) Grant (Project) Timeline (if application) Grant (	
Grant Agreement		Form AA-1PN attached (if application)	
Grant Budget			
		End Form AA-1 y sum of money or thing of value to be acce	

# **DECLARED JANUARY 17, 2020**

#### SUMMARY

STATE: Vermont

NUMBER: FEMA-4474-DR

INCIDENT: Severe Storm and Flooding

INCIDENT PERIOD: October 31 to November 1, 2019

DATE REQUESTED BY GOVERNOR: December 20, 2019

FEDERAL COORDINATING OFFICER: James R. McPherson National FCO Program

#### DESIGNATIONS AND TYPES OF ASSISTANCE:

**INDIVIDUAL ASSISTANCE** (Assistance to individuals and households):

Under Review.

<u>PUBLIC ASSISTANCE</u> (Assistance for emergency work and the repair or replacement of disaster-damaged facilities):

Addison, Chittenden, Essex, Franklin, Lamoille, Orange, Orleans, and Washington Counties.

<u>HAZARD MITIGATION GRANT PROGRAM</u> (Assistance for actions taken to prevent or reduce long term risk to life and property from natural hazards):

All areas in the State of Vermont are eligible for assistance under the Hazard Mitigation Grant Program.

OTHER: Additional designations may be made at a later date if requested by the state and warranted by the results of further damage assessments.

PHILIP B. SCOTT Governor



#### State of Vermont OFFICE OF THE GOVERNOR

## REQUEST FOR PRESIDENTIAL DISASTER DECLARATION GOVERNOR'S REQUEST COVER LETTER MAJOR DISASTER

December 20, 2019

The Honorable Donald J. Trump President of the United States The White House Washington, DC

Through:

Mr. Russell Webster Regional Administrator FEMA Region I 99 High Street Boston, Massachusetts 02110

#### Dear Mr. President:

Under the provisions of Section 401 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. §§ 5121-5207 (Stafford Act), and implemented by 44 C.F.R. § 206.36, I request that you declare a Major Disaster for the State of Vermont as a result of the severe storm and flooding on October 31, 2019 through November 1, 2019. I am specifically requesting Public Assistance in Addison, Chittenden, Essex, Franklin, Lamoille, Orleans, Orange, and Washington Counties, and Individual Assistance in Addison, Chittenden, Franklin, Lamoille, and Orleans Counties and Hazard Mitigation statewide.

Beginning on October 31, 2019 and continuing to November 1, 2019, a potent storm system deposited up to four (4) inches of rain statewide. The highest amounts of rainfall occurred in the northern half of the state. The precipitation coupled with significant sustained wind resulted in substantial infrastructure damages and widespread, prolonged power outages. Four (4) towns declared local states of emergency, nineteen (19) towns reported major damage, and ninety-seven (97) towns reported minor damage. To date, three hundred seventy-three (373) reports of damage to individual properties and homes throughout the state have been received, which means the event impacted more than 1% of all Vermont households. Reports of damage

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originated from each of the state's fourteen (14) counties. The majority of this damage was due to flooding which caused damage either in the primary living spaces or reduced access to the property. Power outages were widespread across the state in this event, peaking at 58,000 statewide early in the morning hours of November 1, 2019. Power was not fully restored for several days until November 5, 2019. According to the National Weather Service, this was the "storm of record," with the *highest river gauge levels ever recorded*, on the Missisquoi River at North Troy and the Lamoille River at Jeffersonville.

The State Emergency Operations Center (SEOC) was partially activated starting at 0600 hours on Friday, November 1, 2019 through 1900 hours on Saturday, November 2, 2019. The SEOC returned to Monitoring Status on Sunday, November 3, 2019 and then returned to Partial Activation on Monday, November 4, 2019 from 0830 hours to 1630 hours to implement the SEMP Recovery Mission Area Plan. In addition to Vermont Emergency Management (VEM) the following State partners and agencies were activated: Division of Fire Safety (DFS), American Red Cross, Vermont 211, Urban Search and Rescue and Swiftwater Rescue Teams, Vermont Hazardous Materials Response Team, Agency of Transportation, Agency of Human Services, Agency of Agriculture Food and Markets, Agency of Commerce and Community Development, Vermont State Police, Department of Environmental Conservation, Public Service Department, Agency of Digital Services, and the Vermont National Guard.

On Saturday, November 2, 2019 I toured heavily-damaged areas with Department of Public Safety Deputy Commissioner Christopher Herrick and Agency of Transportation Secretary Joe Flynn in the towns of Bakersfield, Berkshire, Cambridge, Eden, Enosburgh, Montgomery, Richford, and Stowe. Flash flooding tore away large portions of roadways, washed out several bridges, and impacted many flood-vulnerable homeowners.

The Vermont State Emergency Management Plan (SEMP) was implemented during this storm event. While a gubernatorial State of Emergency was not declared, the towns of Fairfax and Montgomery in Franklin County and Johnson and Hyde Park in Lamoille County each declared a local State of Emergency. All the impacted communities followed their Local Emergency Management Plans (LEMPs) and Local Emergency Operations Centers were opened in Stowe on November 1, 2019, Thetford on November 1, 2019, and Belvidere on November 2, 2019.

Several state agencies and departments responded in support of this disaster. The following details the response and recovery efforts as lead and supported by those agencies.

The storm resulted in the largest mobilization of swift water assets since Vermont was impacted by Tropical Storm Irene in 2011. The Vermont Urban Search and Rescue Team and swift water assets with State of Vermont Memoranda of Understanding conducted rescue operations on November 1, 2019 to rescue eleven (11) people and two dogs in the towns of Berkshire, Cambridge, Fairfield, Johnson, Richmond, Sheldon, and Stowe. Additional teams were staged in Colchester, Stowe, Hartford, and Lyndonville. Although there were several precarious swiftwater rescues and isolated residences, fortunately no Vermonters perished or reported severe injuries due to this storm.

The American Red Cross opened overnight shelters in Newport and St. Albans and the Town of Belvidere opened a local overnight shelter on November 1, 2019 and November 2, 2019. Two clients stayed in the Newport shelter. The American Red Cross provided vouchers for temporary lodging to fifteen (15) families statewide throughout this event, and thirty-four (34) Red Cross volunteers engaged for a total of three hundred eighty (380) hours. The Town of Londonderry opened a Warming Center on November 2 and 3, 2019, with approximately a dozen visitors.

The Agency of Transportation (AOT) made repairs to damage resulting in closures at thirty (30) different state road sites statewide. Most of these closures were in the northern half of Vermont. Several state roads remained closed for days. AOT also assisted local jurisdictions with conducting damage assessments on public infrastructure in the days and weeks following the event. AOT partially activated the Transportation Incident Command Center to direct infrastructure restoration.

Vermont DFS conducted nearly one hundred (100) site safety inspections of damaged homes and businesses.

Agency of Agriculture coordinated support for a partial barn collapse in Maidstone and a poultry farm in Richmond that lost 200 turkeys and 1,500 chickens to flooding.

VT 211 activated its damage reporting lines and compiled three hundred seventy-three (373) reports of damage from homeowners and renters. They provided that information to the Individuals and Family Needs Task Force and identified reporters with unmet needs.

Extended power outages caused interruptions in critical infrastructure across the state including Northern State Correctional Facility, Brattleboro State Office Building, and the Brattleboro District Courthouse. Power outages and flooding caused interruptions to wastewater treatment facilities in Stowe, Johnson, St. Albans City, Brighton, Plainfield, Barton, Pownal, and Troy.

#### Preliminary Damage Assessment Results

On October 31, 2019, Vermont Emergency Management Director Erica Bornemann requested a Joint Preliminary Damage Assessment (PDA) for Public Assistance for Chittenden, Franklin, Lamoille, Orange, Orleans, and Washington Counties. Requests were submitted on November 4, 2019 to add Addison County and on November 6, 2019 to add Essex County. Local, state, and federal representatives convened at the SEOC on November 5, 2019 to commence PDA site visits. Based on the number of households which reported damages, Director Bornemann requested an Individual Assistance PDA for Addison, Chittenden, Franklin, and Lamoille on November 15, 2019, and on November 19, 2019 she requested Orleans County be added on.

A. Individual Assistance

The joint IA PDA demonstrated one (1) destroyed, thirteen (13) major, forty-two (42) minor, and eighty (80) impacted homes as a result of this disaster. The tabulated projected eligible program

costs totaled \$679,192. It is important to note that while the joint PDA assessed the areas with the highest concentration of damage, the state has received three hundred seventy-three (373) damage reports. The worst concentrations of home damages were in the towns of Fairfax and Fletcher in Franklin County, Huntington and South Burlington in Chittenden County, and Starksboro in Addison County.

B. Public Assistance

The Public Assistance PDA validated \$3,862,356 in Public Assistance damages in the eight requested counties. It should also be noted that there were substantial damages reported in Caledonia, Grand Isle, Rutland, and Windsor Counties, but the damages in these counties did not reach county PA indicators. For example, The Vermont Electric Cooperative (VEC) incurred damages in Grand Isle County which constitute approximately 80% of the county threshold, which will all need to be absorbed by VEC ratepayers.

In the eight counties requested for Public Assistance, 64.1% of Public Assistance damage was for Category C (Roads and Bridges). Category F (Utilities) accounted for 30.4% of damages, with public electric utilities incurring more than \$1.1 million of power restoration costs as well as more than \$100,000 of Category A (Debris). Category D (Water Control Facilities) accounted for .48% of damages. Category G (Parks, Recreation, and Other) constitutes 2.25% of the PDA total, mostly attributable to heavy damages to several trails owned and maintained by the Vermont Department of Forests, Parks, and Recreation. Although Category B (Emergency Protective Measures) costs were not captured in the PDA, it is anticipated that there will be eligible damages in every category.

Among the hardest-hit communities for road and bridge damages were Bridport, Fairfax, Hyde Park, Johnson, Montgomery, Richmond, Stowe, Morristown, Westford, Wolcott, and Worcester. It should be noted that some counties, such as Lamoille and Franklin, were so significantly impacted that some communities with substantial damages (such as Waterville in Lamoille County and Berkshire in Franklin County) were not even visited during PA PDAs because county indicators had been exceeded by a few other towns.

#### State/ Local Resources for Assistance

The following information is furnished on the nature and amount of State, and local government resources that have been or will be used to alleviate the conditions of this disaster. In accordance with the Recovery Mission Area Plan of the Vermont State Emergency Management Plan, the Individual and Family Needs Task Force (IFNTF) was activated on November 1, 2019 and remains activated at this time. The IFNTF is focusing on unmet needs identified in the initial DFS inspections and Joint PDAs. IFNTF Members continue to assess a list of several dozen families to resolve current unmet needs associated with access, heating system repairs, ongoing erosion, compromised drinking water supplies, and muck-outs of finished basements where mold growth could quickly degrade air quality and compromise habitability. According to the IFNTF assessment of current unmet needs three (3) homes are still uninhabitable, six (6) mobile homes

have damage, six (6) homes need mold mitigation, four (4) homes have unresolved foundation damage, and replacements are needed for eight (8) furnaces, three (3) water heaters, three (3) wells, and one (1) septic system. Of the current, existing homes with unmet needs thirteen (13) residents have chronic health issues as well as thirteen (13) driveways and eight (8) private bridges in need of repair necessary for fuel delivery and emergency access.

Voluntary Agency response has been significant to assist with the recovery to this disaster. Following the storm, the Vermont Agency of Human Services worked with the American Red Cross to open two Red Cross shelters as referenced above. The American Red Cross also deployed two Disaster Action Teams – one to Huntington and a second to Johnson to assist two families. In total the American Red Cross opened fourteen (14) cases to provide support to flood survivors.

Following the storm three hundred seventy-three (373) damage reports were collected by Vermont 211. The American Red Cross, Team Rubicon and the Church of Latter Day Saints made follow-up inquiries to assess short-term acute needs. This prompted the President of VT Voluntary Agencies Active in Disasters (VT VOAD) to initiate a "Day of Service" on November 16, 2019. The "Day of Service" allowed the volunteer organizations mentioned above, as well as representatives from Tzu Chi Foundation to provide support to the residents of thirty-one (31) homes. Additional assistance is planned for impacted homes in December and January. Case management for assessment of unmet needs continues while the INFTF works to identify possible recovery resources.

Budget development for the Emergency Relief and Assistance Fund (ERAF) for State Fiscal Year 2020 (SFY 2020) has demonstrated a gap between anticipated General Fund revenues and planned appropriations. ERAF provides the non-federal share of declared disasters and is funded through General Fund appropriations. It covers a percentage of non-federal share of municipal infrastructure repairs. We currently have \$1,838,073 of ERAF funds available, and an additional \$640,000 currently included in the SFY'20 budget proposal, but it is already accounted for to meet obligations for the state share of municipal damages incurred in DR4330 (June-July 2017 flooding), DR4356 (October 29-30, 2018 severe storm and flooding), DR4380 (May 4-5, 2018 severe storm), and DR4445 (April 15, 2019 severe storm and flooding). This new disaster is expected to have total eligible municipal damages of at least \$3.0 million, with an average ERAF state share of approximately 13%. Accordingly, the State Legislature will likely face a mid-year budget adjustment request in January 2020 of at least \$390,000 to cover the State's share of assisting municipalities to recover from this flooding.

We anticipate utilizing the Natural Resource Conservation Service's Emergency Watershed Protection Program as well as referrals to the Vermont Disaster Relief Fund, a private philanthropy. However, the timeline and availability for these programs to assist survivors of this storm are not yet known.

#### Vermont Disaster History

The impacts of the October 31-November 1, 2019 event exceed the currently available capabilities of the State of Vermont. Since 2013, Vermont has experienced ten (10) federally-declared and numerous non-declared disasters: DR4120 (May 2013 flooding), DR4140 (June-July 2013 flooding), DR4163 (December 2013 ice storm), DR4178 (April 2014 flooding), DR4207 (December 2014 severe winter storm), DR4232 (June 9, 2015 flooding), DR4330 (June-July 2017 flooding), DR4356 (October 29-30, 2018 severe storm and flooding), DR4380 (May 4-5, 2018 severe storm), and DR4445 (April 15, 2019 severe storm and flooding). The most recent four disasters, DR4330, DR4356, DR4380, and DR4445, impacted many of the same areas as this disaster where communities are still in recovery.

Several significant weather events have also impacted the state recently which have not been declared. In October 2018, a wind storm caused approximately 10,000 power outages. Then, on November 26-28, a winter storm caused approximately \$1.6 million in validated Category F (Utilities) damages to non-profit electric utilities as well as \$14 million in reported damages to private electric utilities. Vermont's Major Disaster Declaration request for this event was denied and the recovery costs eventually were borne by utility ratepayers.

#### Factors for Consideration for Individual and Household Program

The scale of the flooding in this disaster has not been experienced since Tropical Storm Irene (DR4022) impacted the state. As such, the State of Vermont has not requested Individual Assistance since that time. Vermont is a rural state with the lowest population in New England and is the second least-populated state in the nation. Vermont has the fourth slowest population growth rate between 2008-2018 and has the lowest Gross Domestic Product (GDP) in the country which indicates very low overall economic growth. Vermont's weather is also characterized with extremely cold and snowy winters. The average temperature in January in Burlington is between ten (10) and twenty-seven (27) degrees Fahrenheit. The average annual snowfall in Northern Vermont is 81.2 inches in Burlington, 96.4 inches in Newport, and 243.6 inches on Mount Mansfield (tallest mountain in Vermont). This disaster occurred at the beginning of the coldest months of the year when homeowners must prepare for long winters by receiving fuel delivery and ensuring their homes are ready to withstand the conditions.

The latest Individual Assistance Declaration Factors Guidance released June 2019 points to State Fiscal Capacity as the top factor to determine the need for federal assistance from the Individuals and Household Program (IHP). As referenced above in the "Preliminary Damage Assessment Results" section, projected eligible program costs totaled \$679,192. When compared to the Vermont's Total Taxable Resources (TTR) of \$36.1 billion, the state's Individual and Households Program Cost-to-Capacity (ICC) ratio is 18.8. Based on additional IHP guidance documentation provided by FEMA Region I, historically 45% of IA requests by states are granted when ICC ratios fall between 10-25. In fact, Vermont only needs to demonstrate \$902,501 in projected eligible program costs to attain an ICC of 25 which indicates an IA request is likely to be approved based on the IA Declaration Factors Guidance. This is illustrative of the

state's low capability to provide the assistance needed to stabilize the continued impacts this disaster has had on the residents of Vermont.

Considering the extremely rural nature of the towns in Vermont coupled with slow economic growth and the extreme climate the homeowners and renters impacted by this disaster are particularly vulnerable. It is exceedingly significant that so many homes were impacted by this event due to the low density and sparse location of those structures. Eighty-five percent (85%) of all reported damage in the state originated from the five (5) requested counties. Furthermore, a substantial percentage of the property damage caused by this storm was not covered by insurance. Approximately ninety percent (90%) of damage reports received within the requested counties indicated the damage was not covered by flood insurance. Hundreds of residences incurred damage to private roads and driveways which required immediate repair at homeowner expense to provide for vehicular access and particularly for fuel deliveries with winter bearing down. This points to cascading impacts for many families living in the hills and steep valleys of northern New England, where inability to maintain fuel access, power supply, and hot water systems can quickly lead to frozen pipes and exacerbate damage that has already occurred. As detailed in the "State/Local Resources for Assistance" section above, there are at least fifty-three (53) cases throughout the state where needs are currently unmet and a high number of those are residents with health issues. There is no permanent case management capability to assess disaster needs and match with resources for assistance other than training voluntary agencies to do so. As such, case management for the noted unmet needs continues to be a challenge without federal assistance.

Based on the three hundred seventeen (317) damage reports received from the five (5) requested counties through Vermont 2-1-1 and the homes the joint Individual Assistance PDA Teams assessed during their site visits, it is probable the total ramifications of this storm on Vermont families is not completely captured in the IA PDA total. The Small Business Administration (SBA) identified \$386,000 of major damages to homes, \$1,325,000 of minor damage to homes, and \$215,000 of damages to businesses and non-profits (refer to the SBA Survey Recap in Enclosure A). It is understood not all of these damages are eligible under Individual and Household Program but are included as they all negatively impact Vermonters. The Joint IA PDA was hampered due to significant snowfall that occurred after the flooding which impeded the teams' ability to conduct outdoor visual assessments. It is likely the impact and potential eligible program costs are higher then demonstrated in the PDA results.

As referenced in Table 1 Requested County Demographic Profile below, there is a significant percentage of the affected population that are in poverty as well as disabled. This points to the rural nature of Vermont and the vulnerability of residents in the requested counties. It is important to note the towns with the greatest impact are very rural towns that must rely upon support services outside of their jurisdictions. These towns include Huntington in Chittenden county, Fairfax in Franklin county, and Starksboro in Addison county.

Percentage of the population:	for whom poverty status is determined	Per Capita Income	Median Household Income	Receiving Supplemental Security Income	Receiving cash public assistance	Receiving Food Stamp/SNAP benefits	Pre-disaster unemployment rate	65 years and older	Under 18 years	with a disability	who speak a language other than English	speak English less than "very well"	American Indian and Alaskan Native Tribal populations
National Average	14.58%	\$31,177	\$57,652	5.40%	2.60%	12.60%	3.6%	14.90%	22.90%	7.70%	21.30%	8.50%	1.70%
State Average	11.35%	\$31,917	\$57,808	5.80%	3.80%	12.80%	2.20%	17.50%	19.20%	7.10%	5.60%	1.40%	1.20%
Addison County	7.77%	\$31,051	\$61,875	5.10%	2.60%	10.90%	2.20%	17.70%	17.90%	8.10%	5.40%	1.10%	0.90%
Chittenden County	11.27%	\$36,384	\$66,906	5.00%	3.60%	9.70%	1.90%	13.60%	18.40%	7.00%	9.80%	3.00%	0.90%
Franklin County	8.03%	\$30,624	\$62,214	5.60%	2.90%	15.30%	2.10%	14.50%	22.90%	8.20%	3.60%	0.80%	2.50%
Lamoille County	13.99%	\$31,390	\$54,899	3.60%	3.50%	12.50%	2.60%	15.60%	21.30%	8.70%	4.00%	0.40%	1.70%

#### Table 1 Requested County Demographic Profile

#### Factors for Consideration for the Public Assistance Program

There were dozens of state and local road closures that occurred as a result of the storm. In addition to the validated Public Assistance costs there were an estimated \$3,068,338 in damages to roads eligible for Federal Highway Administration emergency aid. Among the most noteworthy closures due to damage were main thoroughfares such as U.S. Route 7 in Milton; Vermont Route 15 in Cambridge, Essex and Johnson; Vermont Route 109 in Cambridge; Route 105 in Enosburgh, Richford and Sheldon; Vermont Route 128 in Essex; Vermont Route 14 in Coventry; Vermont 116 and Vermont 125 in Middlebury; and Vermont 36 in Bakersfield and Fairfield.

Although most of public infrastructure impacts and community disruptions associated with this event were due to road damages, there were also impacts to municipal wastewater treatment facilities in Barton, Brighton, Johnson, Plainfield, Pownal, St. Albans City, Stowe, and Troy.

Local emergency management directors reported damages to businesses in the towns of Jericho, Johnson, Plainfield, Richmond, and Royalton. Additionally, the Small Business Administration validated major damages to three businesses and minor damages to ten businesses, totaling \$215,000 (as included in Enclosure A) during IA PDA visits.

Towns in Vermont obtain insurance through the Vermont League of Cities and Towns' Property and Casualty Intermunicipal Fund (PACIF), but roads, water crossings, and drainage structures are not covered, nor is insurance coverage commercially available. Accordingly, repair costs for local roads must be shouldered by local property taxpayers with state assistance.

The financial impact of this storm on some Vermont communities could be catastrophic for local tax rates and economic health. For example, the Town of Bridport in Addison County has a population of 1,218 and a total 2019 annual town budget of \$1,532,076 of which \$1,250,076 is the road budget. This Town incurred severe damages to local roads, which were captured in the PDA at \$248,125 based on replacement value, but which will likely require nearly \$1 Million to repair in accordance with state codes and standards to avoid repetitive damage in future. Even at the low estimate of \$248,125, Bridport is facing a financial impact of \$204 per capita. According to U.S. Census data, 6.9% of all Bridport residents were at or below the poverty level in the past twelve months. Bridport's per capita income is \$19,720, far below Vermont's overall per capita income of \$31,917.

The Town of Derby in Orleans County has a population of 4,604 and the PDA estimated damages were \$214,777, or \$47 per capita. Derby's annual road budget is \$1,157,000. 10.2% of Derby's population live at or below the poverty level, and per capita income is \$17,192. Likewise, the Town of Fairfax in Franklin County has a population of 4,285. Fairfax suffered road damages estimated at \$677,549, or \$158 per capita. Fairfax's per capita income is \$18,632. The Town of Hyde Park in Lamoille County, with a population of 2,954, incurred validated infrastructure damage of \$144,306, or \$49 per capita. Hyde Park's per capita income is \$20,293.

Finally, the small community of Westford in Chittenden County with a population of 2,029 had PDA damages of \$188,390, or \$93 per capita. The per capita income in Westford is \$34,502.

#### Hazard Mitigation Damage Avoidance

The impacts of the October 31-November 1, 2019 disaster would have been significantly more severe if not for mitigation work previously undertaken. Vermont and FEMA have been successful in recent years in making use of available funding via Section 404 (42 U.S. § 5170c) and Section 406 (42 U.S. § 5172). Note that this was the Storm of Record for upper reaches of the Missisquoi and Lamoille Rivers, and damage would have been much more significant if not for the home buy-outs and drainage structure improvements made in 2011 and subsequently. The most compelling example was in the Town of Cambridge, where, for the third time in a year, the Lamoille River was able to access approximately 20 acres of its floodplain and the Village of Jeffersonville was spared, thanks to a hazard mitigation project which replaced an undersized bridge on the Lamoille Valley Rail Trail with a larger span. As another example, there were over 130 homes which were bought out following Tropical Storm Irene Section 404 Hazard Mitigation acquisitions. Many of these homes, if left in their flood-vulnerable locations, might very well have been flooded again during this event. Additionally, several infrastructure projects completed under the Hazard Mitigation Assistance (HMA) programs in recent years have increased the resilience of local roadways. Note that the primary area of impact of this storm was in counties further north than those impacted by Tropical Storm Irene, but it is also true that damage to transportation infrastructure was minimal in Orange, Windsor, and Caledonia Counties in part because of mitigation upgrades accomplished after Irene. We are committed to continuing our ongoing effort build resiliency and reduce flood vulnerability using Section 406 and Section 404 hazard mitigation.

#### **Conclusion**

For Vermont local jurisdictions the greatest remaining unmet recovery need associated with this flood is for financial assistance to help avoid economic shock to businesses and families. Without federal assistance the ability of the communities of the state of Vermont to recover in a timely manner as to avoid long-term economic damage is severely hindered. The total statewide estimated costs of this disaster, which are nearly quadruple the \$1 million statewide indicator for Vermont, are of a severity and magnitude which exceed the capabilities of the State and affected local governments without federal assistance in Addison, Chittenden, Essex, Franklin, Lamoille, Orange, Orleans, and Washington Counties, (2) Individual Assistance for Addison, Chittenden, Franklin, Lamoille, and Orleans Counties, and (3) Hazard Mitigation statewide.

Thank you for your continued support of the State of Vermont and its people.

Sincerely, Philip B. Scott

Governor

#### **Enclosures:**

OMB No. 1660-0009/FEMA Form 010-0-13

A: Individual Assistance

**B:** Public Assistance

C: Requirements for Other Federal Agency Programs

D: "For the Record" NWS Memorandum Summary dated November 3, 2019

#### **ENCLOSURE A**

# TO MAJOR DISASTER REQUEST - INDIVIDUAL ASSISTANCE

Estimated Requirements for Individual Assistance under the Stafford Act

#### SBA SURVEY RECAP: Final Summary Report\_State of Vermont

Event: Flash Flooding and High Winds DCMS: VE-00038 Date of PDA Request: 11/18/2019 Incident Date:10/31/2019 through 11/01/2019 Dates of PDAs: 11/21/2019 through 11/22/2019

SBA Survey Team: Donald Clark Shawn Forehan Joseph DeCecchis

FEMA PDA: Yes	Gary Michiln									÷			
SBA Only Survey: No	Overall Properties Affected												
I V-Assigned	COUNTY	MEETS SBA	TOTAL	DTAL SURVEY HOMES					BUSINESSES /NON-PROFITS				
· · · ·		Criteria	Majors	Status	MAJ	\$\$	MIN	\$5	MAJ	\$\$	MIN	55	
Shawn Forehan	Addison	No	4	FINAL	3	107.000	31	248.000	1	20,000	- 3	26,000	
Joseph DeCecchis	Chittenden	Na	7	FINAL	6	169,000	40	314,000	2	38,000	1	25,000	
Gary Michlin	Franklin	No	2	FINAL	2	110,000	23	133,000	0	0	4	26,000	
Don Clark	Lamoille	No	0	FINAL	0	0	15	250,000	0	0	0	0	
on Clark	Orleans	No	0	FINAL	0	0	17	380,000	0	0	2	80,000	
	State Totals	No	13	FINAL	10	386,000	126	1,325,000	3	68,000	10	157,000	

# **ENCLOSURE B**

# DAMAGE ASSESSMENT WORKSHEET FINAL

Event Name:	Severe Storm and Flooding
Event Date(s):	10/31/2019 - 11/01/2019

### VERMONT

State \$1.50 County \$3.84				V	/ERMON	Т						
Date: 12/4/2019	1			PUBLIC	DAMAGE				1		GOAL	
Report #:	A	B	С	D	E	F	G	TOTAL	POP. '10	S/CAP	\$3.84/CAP.	SHORT
Addison Co	\$0	\$0	\$325,901	\$0	\$0	\$0	\$0	\$325,901	36,821	\$8,85	\$141,393	\$0
Bennington Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	37,125	\$0.00	\$142,550	(\$142,560
Caledonia Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	31,227	\$0.00	\$119,912	(\$119,912
Chittenden Co	\$4,743	\$0	\$677,176	\$18,460	\$0	\$56,923	\$0	\$757,302	156,545	\$4.84	\$601,133	\$0
Essex Co	\$7,919	\$0	\$0	\$0	\$0	\$95,027	\$0	\$102,945	6,306	\$16.32	\$24,215	\$0
Franklin Co	\$17,918	\$0	\$842,388	\$0	\$0	\$215,021	\$0	\$1,075,327	47,746	\$22,52	\$183,345	\$0
Grand Isle Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	6,970	\$0.00	\$26,765	(\$26,765
Lamoille Co	\$10,116	\$0	\$282,765	\$0	\$0	\$121,392	\$0	\$414,273	24,475	\$16.93	\$93,984	\$0
Orange Co	\$15,943	\$0	\$0	\$0	\$0	\$131,524	\$0	\$147,466	28,936	\$5,10	\$111,114	\$0
Orleans Co	\$35,238	\$0	\$294,620	\$0	\$0	\$422,869	\$0	\$752,727	27,231	\$27.64	\$104,567	\$0
Rutland Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	61,642	\$0.00	\$236,705	(\$236,706
Washington Co	\$15,943	\$0	\$51,881	\$0	\$0	\$131,524	\$87,066	\$285,414	59,534	\$4,81	\$228,611	\$0
Windham Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	44,513	\$0.00	\$170,930	(\$1,70,930
Windsor Co	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	56,670	\$0.00	\$217,613	(\$217,613
State Agencies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	State POP	\$/CAP.	\$1.53/CAP	SHORT
TOTALS	\$107,819	\$0	\$2,474,731	\$18,460	\$0	\$1,174,280	\$87,066	\$3,862,356	625,741	\$6.17	\$1,000,000	\$0
NOTES:	DEBRIS	PROTECTIVE	ROAD	WATER	BUILDINGS &	PUBLIC	PARKS &		625,741	Stat	e Population Lota	I check-sum
PDA	CLEARANCE	MEASURES	SYSTEM	CONTROL	EQUIPMENT	UTILITY	OTHER		Concession of the local division of the loca	***		
Percentages	2 79%	0.00%	64.07%	0 48%	0 00%	30 40%	2 25%					

#### DAMAGE ASSESSMENT WORKSHEET

Date: 12/4/201	9	PUBLIC DAMAGE- STATE AGENCIES							
Report #:	A	8	C	D	E	F	G	TOTAL	
DOT	\$	\$	\$	\$	\$	\$	\$	\$0	
ANR	\$	\$	\$	\$	\$	\$	\$	\$0	
Forest & Parks	\$	\$	\$	\$	\$	\$	\$	\$0	
VEM	\$	\$	\$	\$	\$	\$	\$	\$0	
VAST	\$	\$	\$	\$	\$	\$	\$	\$0	
Rails to Trails	\$	\$	\$	\$	\$	\$	\$	\$0	
	\$	\$	\$	\$	\$	\$	\$	\$0	
	\$	\$	\$	\$	\$	\$	\$	\$0	
Totals	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

# ENCLOSURE C

# TO MAJOR DISASTER REQUEST

# Estimated Assistance from Other Federal Agency Programs

County	SBA Home Loans	SBA Business Loans	FSA Loans	NRCS	FHWA	USACE	OTHER
All	TBD	TBD	TBD	TBD	\$3,068,338	TBD	TBD
Totals					\$3,068,338		

#### ENCLOSURE D

#### TO MAJOR DISASTER REQUEST



National Oceanic and Atmospheric Administration National Weather Service Weather Forecast Office Burlington, VT 1200 Airport Dr South Burlington, VT 05403 www.weather.gov/btv November 3, 2019

MEMORANDUM:

FOR THE RECORD

FROM:

Scott Whittier, Warning Coordination Meteorologist NOAA/National Weather Service Burlington, VT

SUBJECT:

Weather Summary for the Halloween 2019 Storm

A powerful autumn storm delivered significant rainfall to northwest and north central Vermont, during the evening and overnight hours of October 31<sup>st</sup> into November 1<sup>st</sup>.

Rainfall amounts of 2 to 4 inches with localized higher amounts (Figure 1 and Table 2) fell across previously saturated soils due to prior above normal October precipitation. This led to major flooding of nearly every type of waterway (creeks, streams, small rivers and large rivers) as well as urban flooding of streets due to poor drainage and leaf clogged storm drains in much of northern Vermont.

In addition, strong southwest to west winds gusting between 40 to 50 mph (Figure 2 and Table 3) began in the early morning hours of November 1st and continued through mid-afternoon before dissipating. These strong winds combined with oversaturated soils, led to numerous downed trees that blocked roads, caused structural damage and widespread power outages affecting all counties in Vermont.

#### Meteorological Set-up and Timeline

This storm had origins back to the Four Corners region of the United States when it brought accumulating snowfall and mid-winter cold to the Colorado Foothills on October 29-30<sup>th</sup>, then redeveloped in the Gulf of Mexico on during the night of the 30<sup>th</sup> and moved north into the eastern Great Lakes as it intensified during the evening of October 31<sup>st</sup> (Figure 4).

As the surface low moved across Ontario during the night of October 31<sup>st</sup>, its associated cold front slowly edged across New York and eventually into Vermont during the early morning hours of November 1<sup>st</sup>. The upper level pattern was very strong and dynamic with a direct moisture feed from the Gulf of Mexico, thus delivering copious amounts of moisture into the northeast and Vermont (Figure 5).

#### **Heavy Rain and Flooding**

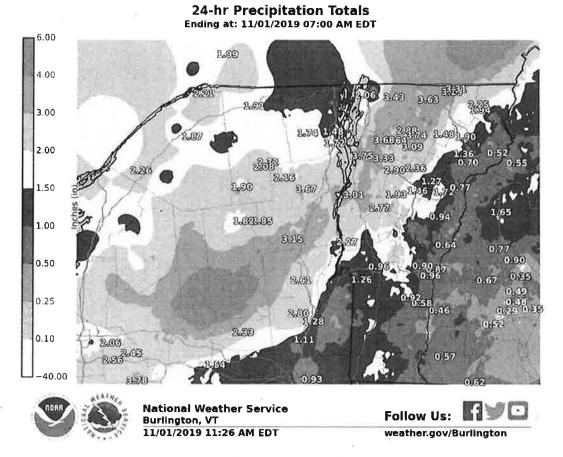
Scattered showers and periods of rain moved across portions of Vermont during the late morning and afternoon hours of October  $31^{st}$  delivering  $\frac{1}{2}$  to 1 inch of rainfall by mid-evening in portions of northern Vermont.

Rain became steady in northwest Vermont during the mid to late evening hours and quickly became heavy at times overnight, as it spread east through the early morning hours of November 1<sup>st</sup>. There were three distinct "convective bands" of heavy rainfall that deposited a quick ½ to 1+ inch of rain as they moved across northern Vermont. They occurred around 930-11 pm, 1130-1am and 130-3 am (Figures 6,7 and Table 1).

**Flooding** first occurred in the Champlain Valley between 10 and 11 pm associated with the first heavier rain band with urban street flooding of low-lying poor drainage locations as well as leaf and debris clogged storm drains. Additional flooding of streams, creeks and other waterways developed shortly after midnight, enhanced by the second heavy rain band, in the Champlain Valley and spreading east-northeast into the northern Green Mountains and interior valleys. During the early morning hours of November 1<sup>st</sup> widespread major flooding was occurring, including larger river flooding (Figures 8-15). The larger river watersheds that witnessed major to record flooding included the Lamoille and Missisquoi River watersheds with other flooding on the lower reaches of the Winooski and Mad rivers.

#### Strong Winds

During the early morning hours of November 1<sup>st</sup>, a strong cold front moved across the region, accompanied by an additional round of heavy rainfall and strong winds gusts in excess of 40 mph, leading to the initial start of widespread power outages (>10,000) across Vermont. More widespread strong southwest to west winds, gusting to 40 to 50 mph and locally higher, developed around sunrise and continued through mid-afternoon before quickly diminishing by evening (Figure 2 and Table 3). These persistent strong winds combined with oversaturated soils, led to numerous downed trees, structural damage and escalated power outages to their peak of more than 55,000 outages (Figure 3).





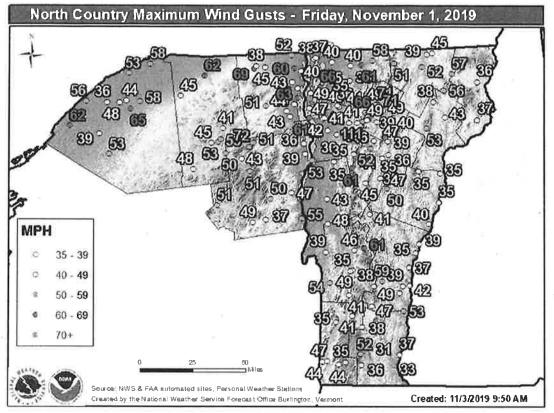


Figure 2 - Peak Measured Wind Gusts



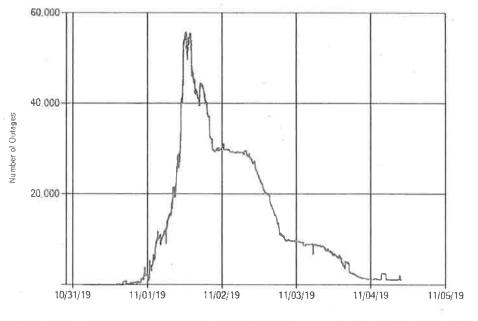


Figure 3 - VT Statewide Power Outage from http://www.vtoutages.org/

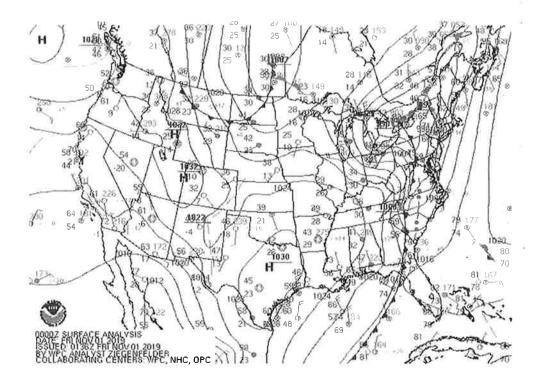


Figure 4 – Surface Map at 8 pm October 31, 2019

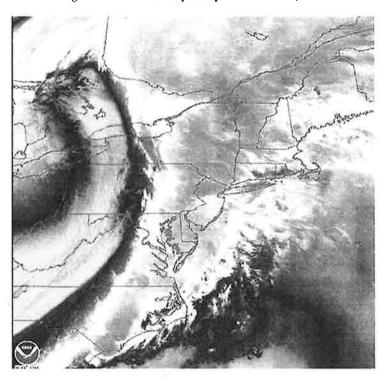
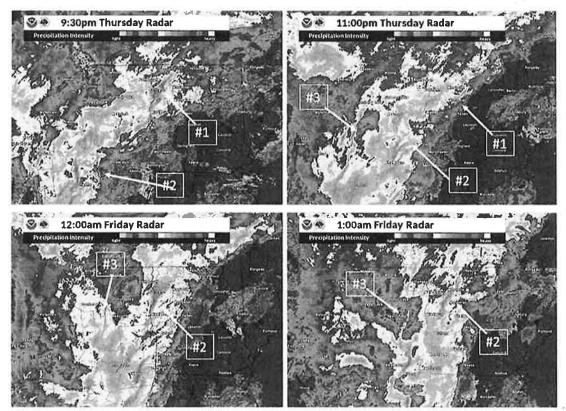


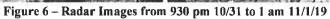
Figure 5 – Water Vapor image showing copious amounts of moisture streaming north along boundary during the night of October 31<sup>st</sup>.

Time	Burlington	Westford	Enosburg Falls	Johnson
Before 8 pm	.61	1.02	1.07	1.36
8-9 pm	.05	.03	.06	.01
9-10 pm	.76	.70	.49	.65
10-11 pm	.18	.16	.28	1.15
11 pm – Mid	.75	.76	.33	.38
Mid-1am	.76	.78	.76	.35
1-2 am	.26	.40	.19	.43
2-3 am	.21	.16	.80	.48
3-4 am	.11	.10	.21	.09
Storm Total	3.75 inches	4.17 inches	4.85 inches	4.92 inches

 Cable 1 - Hourly Rainfall distribution between 8 pm October 31<sup>st</sup> and 4 am November 1<sup>st</sup>

Highlighted are hourly rainfall in excess of 1/2 inch





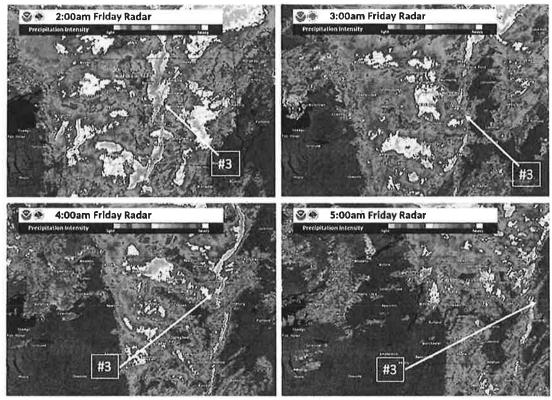
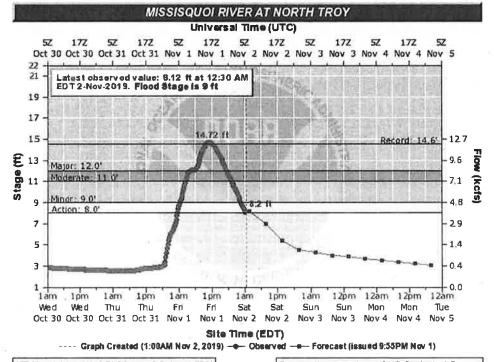
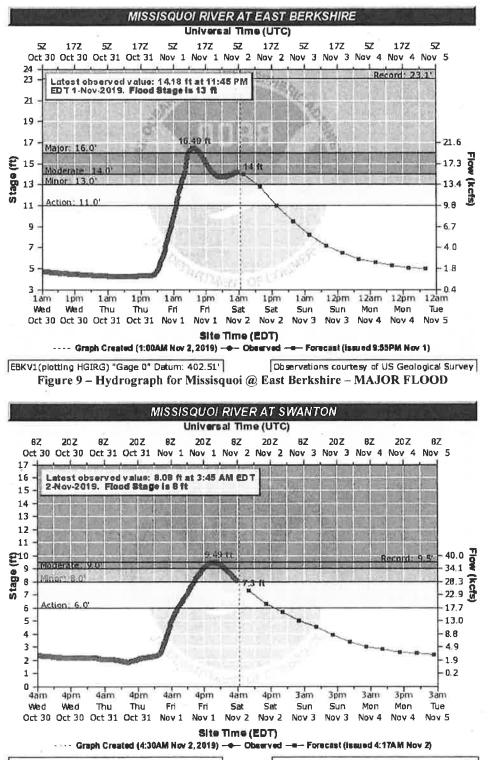


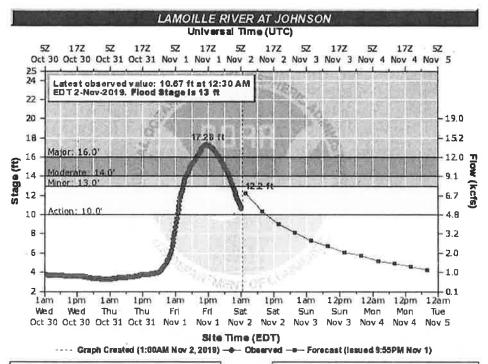
Figure 7 - Radar Images from 2 am to 5 am 11/1/19



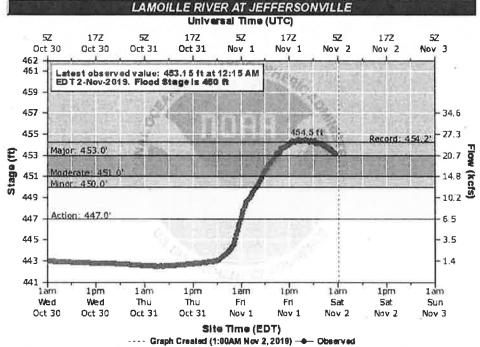




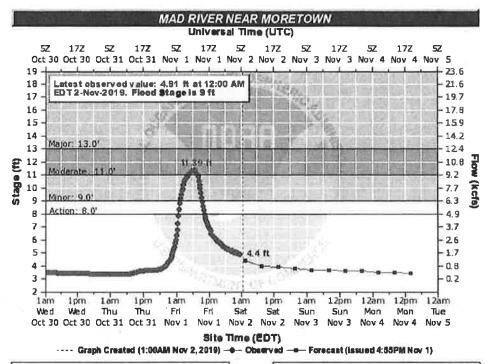
[SWAV1(plotting HGIRG) "Gage 0" Datum: 106.9' [Observations courtesy of US Geological Survey] Figure 10 – Hydrograph for Missisquoi @ Swanton





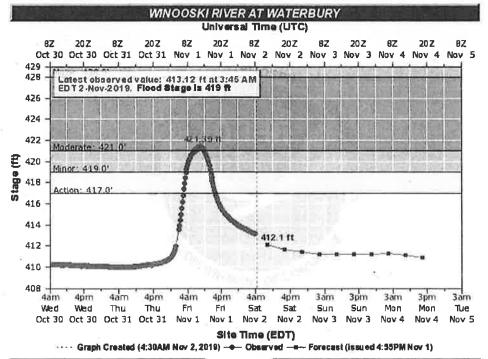


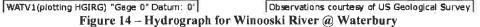




MOOV1(plotting HGIRG) "Gege 0" Datum: 543.93"
 Observations courtery of US Geological Survey

 Figure 13 – Hydrograph for Mad River @ Moretown





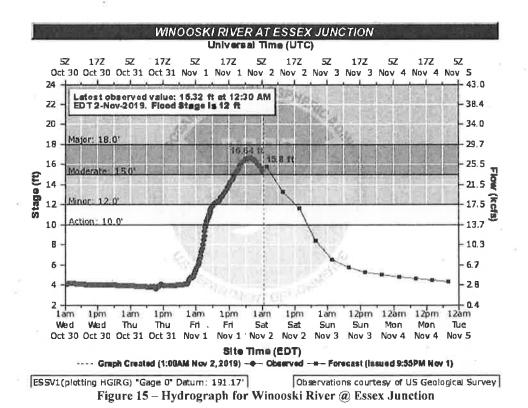


Table 2 (Below) – Observed Rainfall

Public Information Statement Spotter Reports National Weather Service Burlington VT 139 PM EDT Fri Nov 01 2019

VERMONT

Addison County					5
2 SE New Haven	3.71	800	AM	11/01	CoCoRaHS
Hanksville	3.61	816	AM	11/01	CWOP
Brooksville	3.47	500	AM	11/01	HADS
Addison	3.41	820	AM	11/01	CWOP
N Middlebury	3.18	700	AM	11/01	CoCoRaHS
	3.12	700	AМ	11/01	CoCoRaHS
1.0 SE Cornwall	2.78	700	AM	11/01	Co-Op Observer
0.5 NE South Lincoln	2.77	700	AM	11/01	Co-Op Observer
Middlebury	2.58	820	AM	11/01	CWOP
Monkton	2.55	823	AM	11/01	CWOP
1 WNW Orwell	2.27	700	AM	11/01	CoCoRaHS
S Hancock	1.69	700	AM	11/01	CoCoRaHS
Middlebury Airport	1.63	816	AM	11/01	AWOS
					57 C
Caledonia County					
East Burke	2.34	820	AM	11/01	CWOP
2 S Wheelock	1.93	700	AM	11/01	CoCoRaHS
4 NNW Lyndonville	1,90	634	AM	11/01	CoCoRaHS
Sutton	1,90	750	AM	11/01	Co-Op Observer
4 WSW Groton	1.72	600	AM	11/01	CoCoRaHS
2 SE West Burke	1.65	700	AM	11/01	CoCoRaHS

				a .	121 <u>2</u>
	1 W Lyndonville	1.53	800 AM 11/01	CoCoRaHS	
	2 N Lyndonville	1.52	705 AM 11/01	CoCoRaHS	
	Danville 5 NNW St. Johnsbury	1.50 1.36	417 AM 11/01 700 AM 11/01	CWOP CoCoRaHS	
	Lyndonville	1.20	752 AM 11/01	CWOP	
	2 E Danville	1,15	747 AM 11/01	CoCoRaHS	
	Chittenden County				
	Westford 5 NNE Underhill	4.32	823 AM 11/01	CWOP	72
	Milton	4.06 4.00	830 AM 11/01 815 AM 11/01	CoCoRaHS CWOP	12
	Burlington Intl Airp	3.75	754 AM 11/01,		
	Essex Junction 3 NE Charlotte	3.74 3.71	802 AM 11/01 830 AM 11/01	RAWS CoCoRaHS	
	4 NNE Underhill	3.68	700 AM 11/01	CoCoRaHS	
	North Underhill 3 N Jericho	3.68 3.65	700 AM 11/01 800 AM 11/01	Co-Op Observer CoCoRaHS	
	1 E Nashville	3.33	645 AM 11/01		
	WSW Williston Shelburne	3.29 3.28	700 AM 11/01 816 AM 11/01	CoCoRaHS CWOP	x
	Colchester	3.03	823 AM 11/01		
	1 NNE Huntington	3.01	800 AM 11/01	CoCoRaHS	
	Underhill Charlotte	2.83 2.83	820 AM 11/01 818 AM 11/01	CWOP CWOP	
	Williston	2.63	824 AM 11/01	CWOP	
	Essex County				
	Nulhegan	2.81	825 AM 11/01		
	Island Pond 0.9 N Brunswick Spri	1.94 1.47	953 AM 11/01 745 AM 11/01	Co-Op Observer HADS	
	Canaan (VTWAC)	1.25	819 AM 11/01	MESOWEST	
	Franklin County 1.8 NE East Berkshir	5 26	600 AM 11/01	HADS	
	0.5 W Enosburg Falls		829 AM 11/01	MESOWEST	
	Fletcher	4.80	600 AM 11/01		×
	Fairfax East Stroudsburg	3.50 3.35	817 AM 11/01 817 AM 11/01		
	ESE Fairfax	3.02	900 AM 11/01	CoCoRaHS	
	East Berkshire (VTWA Saint Albans	2.65 2.35	830 AM 11/01 816 AM 11/01		21
	1 NNE Swanton	2.06	700 AM 11/01		
	Grand Isle County				
	Alburgh Center	2.10	1256 PM 11/01		2
	Grand Isle 5 SSE Alburgh	2.09 1.91	822 AM 11/01 930 AM 11/01		
	2				* -
	Lamoille County 3 NE Hyde Park	3.74	800 AM 11/01	CoCoRaHS	3
3	2.5 N Smugglers Notc	3.64	730 AM 11/01	Co-Op Observer	
	SW Stowe Hyde Park	3 48 3 33	730 AM 11/01 818 AM 11/01		
2	Elmore	3.12	748 AM 11/01	RAWS	8
00.	Stowe Morristown	3.05 2.93	816 AM 11/01 815 AM 11/01		
	Johnson	2.85	815 AM 11/01 825 AM 11/01	CWOP	4
	Morrisville-Stowe St		754 AM 11/01		2
	Cambridge	2,75	1225 PM 11/01	Public	
	Orange County	0 07	700 700 11/04	CoCoDollC	
	3 SW Braintree	2.27	700 AM 11/01	COCORAHS	

1.2 NE Randolph	2.01	600	AM	11/01	HADS	
1 WNW Randolph	1.81	900	AM	11/01	CWOP CoCoRaHS CWOP	
West Topsham	1.53	816	ΔM	11/01	CWOP	
3 ] E Bandolph (VTWA	1 19	817	ΔM	11/01	MESOWEST	
3.1 E Randolph (VTWA 2 ESE Vershire	1 00	800	ΔM	11/01	CoCoRaHS	
S DDE VELSHITE	T * 0.0	000	API	TTLOT	COCORALIS	
.Orleans County						
	3.63	716	75 76 1	11/01	CaCaDallC	
1 WNW Westlield	3.03	710			CoCoRaHS	
2 NW Derby Center	3.31	700		11/01		
1.2 NE Newport	3.29	700			Co-Op Observer	
1 NE East Craftsbury	2.91	850	AM	11/01	CoCoRaHS	
4 NNE Greensboro	2.46	645	AM	.11/01	CoCoRaHS	
East Charleston	2.34	816	AM	11/01	CWOP	
3 ENE Barton 7 SE Morgan 2 NNW Greensboro	2.27	700	AM	11/01	CoCoRaHS	
7 SE Morgan	2.25	700	AM	11/01	CoCoRaHS	
2 NNW Greensboro	2.17	700	AM	11/01	CoCoRaHS	
Barton Greensboro	2.03	816	AM	11/01 11/01	CWOP	
Greensboro	1.95	824	AM	11/01	CWOP	
Rutland County						12
1 N Rutland	2.24	900	AM	11/01	Public	
1 WNW Middletown Spr	1.60	700	AM	11/01	CoCoRaHS	
Danby	1.55	820	AM	11/01	CWOP	
1 WNW Middletown Spr Danby 1 SSE West Rutland	1.55	800	AM	11/01	CoCoRaHS	
1.6 NW West Bridgewa	1.53	715	AM	11/01	HADS	
1.6 NW West Bridgewa 1 N West Rutland West Pawlet	1.53	615	AM	11/01	CoCoRaHS	
West Pawlet	1.53	823	ΜÆ	11/01	CWOP	
	1 27	817	ΔM	11/01	CWOP	
Brandon 4 E Poultney Shrewsbury Rutland Airport	1 26	700	ΔM	11/01 11/01	CoCoRaHS	
Shrewsbury	1 22	820	ΔM	11/01	CWOP	
Butland Airport	1 17	756	D.M.	11/01	AWOS	
2 SSE Pittsford	1 1 1	750	API 70 M	11/01	AWOS CoCoraHS	
2.7 W Ludlow (VTWAC)	1.08	010	AM	LITUI	MESOWEST	
Machington County						
 Washington County	0 00	600	7) 7 6	11/01	0-0-D-110	
3 NW Waterbury	2.90	600			CoCoRaHS	
3 SW Duxbury	2 82	700	AM	11/01	CoCoRaHS	
4 WNW Waitsfield 3 NNW Woodbury 7 NE Middlesex	2.17	800	AM	11/01	CoCoRaHS	
3 NNW Woodbury	2.13	700	AM	11/01	CoCoRaHS	
7 NE Middlesex	2 . 59	700	AM	11/01	CoCoRaHS	
3 SSE Warren	2.55	900	AM	11/01	CoCoRaHS CWOP	
Waterbury Center	2.52	820				
4 WNW Berlin	2.41			11/01	CoCoRaHS	
5 NE Middlesex	2 : 40	940	AM	11/01	Public	
2 ENE Middlesex	2.36	745	AM	11/01	CoCoRaHS	
1.6 W Worcester	2.36	700	AM	11/01	Co-Op Observer	
5 E Moretown	2.32	700	AM	11/01	CoCoRaHS	
Worcester	2.28	819	AM	11/01	CWOP	
2 NNE Waterbury Cent	2.25			11/01	Trained Spotter	
2 ENE Moretown	2.07			11/01	CoCoRaHS	
2 SE Waitsfield	1.93			11/01	CoCoRaHS	
1.7 SE Waitsfield	1.93			11/01	Co-Op Observer	
2 N Northfield	1.85			11/01	CoCoRaHS	
	1.79			11/01		
Montpelier 1 NNE Northfield					CWOP	
	1.67			11/01	CoCoRaHS	
1 SW East Barre	1.61			11/01	NWS Employee	
2 SW East Calais	1.58			11/01	CoCoRaHS	
Waitsfield	1.57			11/01	CWOP	14
4.5 S Waterbury	1.56			11/01	HADS	
Montpelier Airport	1.46			11/01	ASOS	
4 ENE Cabot	1.42			11/01	CoCoRaHS	
Northfield	1.28	817	ΜA	11/01	CWOP	

2 E Cabot	1.26	720	AM	11/01	CoCoRaHS
Windsor County Rochester 2 NE Rochester 3 N Pomfret 2 S West Windsor	2.11 2.04 1.55 1.26	700 700	AM AM		CWOP CoCoRaHS CoCoRaHS CoCoRaHS
Woodford State Park Woodford	1.50 1.29	820 700 818 802 735 615 552	AM AM AM AM AM AM	11/01 11/01 11/01 11/01	WeatherNet6 CWOP CoCoRaHS MESOWEST RAWS WeatherNet6 CoCoRaHS WeatherNet6 CWOP
<pre>Windham County Wilmington West Dover Wilmington SE West Halifax 1 WNW Wilmington 5.6 W West Brattlebo 6 NW Westminster 2 WNW Putney E.Dummerston 1 S Brattleboro 1 NNE Rockingham</pre>	1.17 1.06	816 824 736 542 800 700 700 820 700	AM AM AM AM AM AM AM AM	11/01 11/01 11/01 11/01 11/01 11/01 11/01 11/01 11/01 11/01	WeatherNet6 CWOP COCORAHS CoCORAHS Co-Op Observer CoCORAHS COCORAHS CWOP CoCORAHS COCORAHS

# Table 3 (Below) - Peak Measured Wind Gusts

Public Information Statement National Weather Service Burlington VT 1152 PM EDT Fri Nov 1 2019 -

...HIGHEST WIND REPORTS...

Addison County Middlebury Monkton	43 35			11/01 11/01	
Caledonia County					
Walden	53	105	РM	11/01	Mesonet
1.3 W Lyndonville (V	43	1245	РM	11/01	MESOWEST
2.7 N Sheffield (VTR	38	140	РM	11/01	MESOWEST
Chittenden County					
1.2 S Camels Hump St	61	540	AM	11/01	MESOWEST
Colchester Reef	61	1015	AM	11/01	MESOWEST
0.9 W Colchester Poi	57	545	AM	11/01	MESOWEST
Charlotte	53	1103	AM	11/01	CWOP
Burlington Intl Airp	46	802	AM	11/01	ASOS
Colchester	42	203	AM	11/01	CWOP
1.4 W Milton (VTRANS	42	1021	AM	11/01	MESOWEST
1.7 E Malletts Bay (	41	1101	AM	11/01	MESOWEST
Westford	41	1033	AM	11/01	CWOP
1.2 E West Milton (V	40	150	AM	11/01	MESOWEST

	Jericho	39	203	ΜA	11/01	Mesonet
	Milton	36			11/01	CWOP
	0.5 N Williston (VTR	36				
					11/01	
	Huntington	35			11/01	Mesonet
	Underhill	35	916	AM	11/01	CWOP
$\mathbf{x} \in \{0\}$	Essex County					ő.
	Lunenburg	37	356	AM	11/01	Mesonet
	Nulhegan	36	225	РM	11/01	RAWS
	7					
	Franklin County					
	0.6 SW Burton Island	66	745	AM	11/01	MESOWEST
	Burton Island State					
		61			11/01	MESOWEST
	0.5 W Enosburg Falls	61			11/01	MESOWEST
	East Berkshire (VTWA	58			11/01	MESOWEST
	0.9 W North Fairfax	45	1210	ΡM	11/01	MESOWEST
	Fairfax	44	1045	AM	11/01	CWOP
	Sheldon Junction	40	1255	PM	11/01	Mesonet
	Highgate Airport	40	755	ΔM	11/01	AWOS
	Saint Albans	35	746	D.M	11/01	
	Fairfield	35	852	AМ	11/01	Mesonet
* * *	.Grand Isle County					
	Grand Isle	49	925	AM	11/01	CWOP
	White`s Beach	47	737	AM	11/01	WXFLOW
	North Hero	39	806	AM	11/01	Mesonet
	Alburgh Center	38			11/01	Public
	Alburg	37			11/01	CWOP
	Alburg	51	231	E PI	TTYOT	CWOF
	Transilla Constan					52.
	Lamoille County					
	Mount Mansfield	111			11/01	Co-Op Observer
	Johnson	71	1220	ΡM	11/01	CWOP
	Johnson (VTWAC)	71	1220	PM	11/01	MESOWEST
	Smugglers Notch	66	100	AM	11/01	Mesonet
	2.5 N Smugglers Notc	54			11/01	MESOWEST
	0.8 W Johnson (VTWAC	49			11/01	MESOWEST
	Hyde Park	49			11/01	
	Stowe	49			11/01	Mesonet
	Morrisville-Stowe St	47			11/01	
	Elmore	41	1151	ΡM	10/31	Mesonet
	Morristown	39	931	AM	11/01	CWOP
	>					
asaa.	Orange County					
	1.1 NW Brookfield (V	50	1011	AM	11/01	MESOWEST
	0.9 SE Thetford Cent	40			11/01	MESOWEST
	5.5 SW Ricker State	35			11/01	
	1.0 SE Boltonville (	35			11/01	
	Fairlee	35	255	ЪМ	11/01	Mesonet
• • •	Orleans County					
• • •	Orleans County East Charleston	57	1016	AM	11/01	CWOP
	East Charleston					
	East Charleston 3.8 S Westmore (VTRA	56	1150	AM	11/01	MESOWEST
* * 4	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In	56 52	1150 156	AM PM	11/01 11/01	MESOWEST AWOS
• • •	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS)	56 52 51	1150 156 1110	AM PM AM	11/01 11/01 11/01	MESOWEST AWOS MESOWEST
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center (	56 52 51 45	1150 156 1110 1020	AM PM AM AM	11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS)	56 52 51	1150 156 1110 1020	AM PM AM AM	11/01 11/01 11/01	MESOWEST AWOS MESOWEST
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center ( Derby	56 52 51 45	1150 156 1110 1020	AM PM AM AM	11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center ( Derby Rutland County	56 52 51 45 39	1150 156 1110 1020 1250	AM PM AM AM PM	11/01 11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center ( Derby	56 52 51 45	1150 156 1110 1020 1250	AM PM AM AM PM	11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center ( Derby Rutland County	56 52 51 45 39	1150 156 1110 1020 1250 541	AM PM AM PM	11/01 11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST Mesonet
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center ( Derby Rutland County 1.1 SW Gifford Woods 2.0 NE Wells (VTWAC)	56 52 51 45 39 61 54	1150 156 1110 1020 1250 541 248	AM PM AM PM AM AM	11/01 11/01 11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST MESOWEST MESOWEST
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center ( Derby Rutland County 1.1 SW Gifford Woods 2.0 NE Wells (VTWAC) Rutland Airport	56 52 51 45 39 61 54 49	1150 156 1110 1020 1250 541 248 205	AM PM AM PM AM AM AM	11/01 11/01 11/01 11/01 11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST MESOWEST MESOWEST AWOS
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center ( Derby Rutland County 1.1 SW Gifford Woods 2.0 NE Wells (VTWAC) Rutland Airport Sudbury	56 52 51 45 39 61 54 49 48	1150 156 1110 1020 1250 541 248 205 151	AM PM AM PM AM AM AM	11/01 11/01 11/01 11/01 11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST MESOWEST MESOWEST AWOS Mesonet
	East Charleston 3.8 S Westmore (VTRA Northeast Kingdom In 4.3 SW Jay (VTRANS) 1.4 N Derby Center ( Derby Rutland County 1.1 SW Gifford Woods 2.0 NE Wells (VTWAC) Rutland Airport	56 52 51 45 39 61 54 49	1150 156 1110 1020 1250 541 248 205 151	AM PM AM PM AM AM AM	11/01 11/01 11/01 11/01 11/01 11/01 11/01 11/01	MESOWEST AWOS MESOWEST MESOWEST MESOWEST MESOWEST AWOS Mesonet

Danby	41	714	ъм	11/01		RAWS	
Bomoseen	39			11/01		Mesonet	
2.7 W Ludlow (VTWAC)	38			11/01		MESOWEST	
Clarendon (VTRANS)	35			11/01		MESOWEST	
oraronaon (vinend)	55	TIO	LIT	11/01	-	PIEDOWEDI	
. Washington County							
Waterbury (VTRANS)	52	1141	ΔM	11/01		MESOWEST	
Montpelier Airport	47			11/01		ASOS	
Waterbury Center	46			11/01		Mesonet	
Warren	45			11/01		CWOP	
3.4 W Montpelier (VT	41			11/01		MESOWEST	
	39			11/01		CWOP	
Worcester Montpelier	36			11/01		CWOP	
1.1 S Northfield (VT	35			11/01			
Northfield	35			11/01		MESOWEST	
Northitein	20	201	ЪМ	11/01	-	Mesonet	
Windsor County							
Ludlow	59	050	73.5.5	11/01			
Springfield Airport	49			11/01		Mesonet	
Weston	49			11/01		ASOS	
0.5 SW Ascutney (VTR	47			11/01		CWOP	
Rochester				11/01		MESOWEST	
0.8 N Wilder (VTRANS	41 39			11/01		CWOP	
Weathersfield	39 39			11/01		MESOWEST	
1 SW Hartland	39			11/01		CWOP	
2.0 N North Hartland				11/01		CoCoRaHS	
2.0 N NOITH HAILIAND	35	1020	АŊ	11/01		MESOWEST	
Bennington County							
1.6 NE Old Bennington (VT)		7 MDU		0150	75.75.6	11/01	MECONECE
Bennington State Airport		4 MPH				11/01 11/01	MESOWEST
3.1 W Woodford State Park						11/01	ASOS
3.5 W Peru (VTRANS)		1 MPH				11/01	MESOWEST
Stratton Mountain		8 MPH				11/01	MESOWEST
2.2 W Manchester (VTWAC)							CWOP
Woodford State Park		5 MPH				11/01	MESOWEST
woodlord State Park	3	5 MPH		1002	АM	11/01	RAWS
Mindham Country						1	
Windham County Rockingham	-	2 MDU		0111		11/01	0000
		3 MPH				11/01	CWOP
West Dover E.Dummerston		2 MPH				11/01	CWOP
		7 MPH				11/01	CWOP
Wilmington		6 MPH				11/01	CWOP
3.4 S Brattleboro (VTRANS)		3 MPH				11/01	MESOWEST
1.8 E Townshend (VTWAC)	3	1 MPH		LL40	AM	11/01	MESOWEST

# DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency REQUEST FOR PRESIDENTIAL DISASTER DECLARATION MAJOR DISASTER OR EMERGENCY

OMB Control Number 1660-0009 Expires 09/30/2019 1. Request Date Dec 16, 2019

Public reporting burden for this form is estimated to average 9 hours per respo	
reviewing instructions, searching existing data sources, gathering and maintain the form. This collection of information is required to obtain a benefit. You are i unless it displays a valid OMB control number. Send comments regarding the for reducing the burden to: Information Collections Management, Department of Management Agency, 500 C Street SW, Washington, DC 20472, Paperwork R your completed form to this address.	ing the data needed, and completing and submitting not required to respond to this collection of information accuracy of the burden estimate and any suggestions of Homeland Security, Federal Emergency
Completion of this form including applicable attachments satisfies legal require requests under 42 U.S.C. §§ 5170 and 5191, respectively, as implemented at form may result in a failure to meet these requirements and/or a delay in proce	4 C.F.R. §§ 206.35 and 206.36. Failure to use this
2a. Name of State (as defined in Stafford Act 102, 42 U.S.C. § 5122) or Indian tribal government requesting declaration. Vermont	2b. Population (as reported by 2010 Census) or estimated population of Indian tribal government's damaged area(s). 625,741
3. Governor's or Tribal Chief Executive's. Name4. Designation of State or Triba and phone numberPhilip B. ScottErica Bornemann (802) 241 54	al Coordinating Officer upon declaration (if available)
<ol> <li>Designation of Governor's Authorized Representative or Tribal Chief Execut phone number Susanne R. Young, (802) 828 3322</li> </ol>	ive Representative upon declaration (if available) and
6. Declaration Request For: X Major Disaster (Stafford Act Sec. (a) (a) (a)	nergency (Stafford Act Sec. 501 ))
7. Incident Period: Beginning Date End Date of Oct 31, 2019 Nov 1, 2019 or Continuing in se	requesting a "continuing" incident period, enclose an ficial statement from a qualified Federal Government gency acknowledged as a national authority in a specific cident field (e.g., United States Geological Survey for pismic incidents, the National Weather Service for poding).
7b. Type of Incident (Check all that apply)	
Drought Earthquake Explosion Fire Flo Severe Storm     (rain, high water, wind-driven, rain, hail,     lightning)     Drought Earthquake Snowstorm     (Must include Enclosure D: I Data)	od Hurricane Landslide Mudslide
Tidal Wave Tornado Tropical Depression Tropical Storm	Tsunami Volcanic Eruption Winter Storm
Other (please specify)	
8. Description of damages (Short description of impacts of disaster on affected enclosed Governor's or Tribal Chief Executive's cover letter. On 10/31/19-11/01/19, a potent storm system deposited up to four (4) inches a significant sustained wind resulted in substantial road damages and widesprea- treatment facilities, and power infrastructure was damaged. The state has red which means that the event caused impacts on the homes of more than 1% of damages have been from each of the state's fourteen (14) counties, and repor power to be restored and longer for roadways to be re-opened. This event also assets since the state was impacted by Tropical Storm Irene in 2011.	of rain statewide. The precipitation coupled with ad, prolonged power outages. Dozens of roads, water eived 373 reports of damage to individual properties, all Vermont households in some way. Reports of ts continue to be received daily. It took 4-5 days for
9. Description of the nature and amount of State and local or Indian tribal gove committed. Include additional details in enclosed Governor's or Tribal Chief Ex The State Emergency Operations Center (SEOC) was partially activated on or Emergency Management (VEM) the following State partners and agencies we Vermont 211, Urban Search and Rescue and Swift Water Rescue Teams, Has Services, Agriculture Food and Markets, Commerce and Community Develop Environmental Conservation, Public Service Dept., and Vermont National Gua provides a portion of non-federal share of declared disasters and is funded thr responsible to raise the balance from local property taxes. The State Legislatu of approximately \$390,000 to cover additional anticipated state ERAF share.	ecutive's cover letter. 11/01/19, 11/02, and 11/04. In addition to Vermont re activated: Div. of Fire Safety, American Red Cross, Mat Response Team, Transportation, Human nent, Digital Services, State Police, Dept. of rd. The Emergency Relief and Assistance Fund ough General Fund appropriations, with communities

FEMA Form 010-0-13, (5/17)

10. Joint Preliminary Damage Assessment*					
🔀 Individual Assistance	Dates Performed	Requested	Nov 15, 2019	Start Nov 20, 2019	End Nov 23, 2019
Individual Assistance Ac	cessibility Problems (	Areas that could	d not be access	ed, and why)	
			3		
				21.	ě.
Public Assistance	Dates Performed	Requested Oc	t 31, 2019	Start Nov 4, 2019	End Dec 2, 2019
Public Assistance Acces	sibility Problems (Are	as that could no	t be accessed,	and why)	4
			8		
					*
		11 Programs	s and Areas Re	quested	
	T- World			4400104	Principal Control of C
ndividual Assistance 🥅	N/A 🛛 Individua Program	is and Househo	ias 🔀 Crisi	s Counseling Program	Disaster Unemploymen Assistance
🗙 All 🔀 Disaster	Case Management	🔀 Disaster I	_egal Services	Small Business A Assistance	dministration (SBA) Disaster
For the following jurisdic ribe(s) and/or tribal area We are requesting Indivi	(s)) If additional space	e is needed, ple	ase enclose ad	ditional documentation).	
2					
			×		
	2				
or States, identify Fede	rally-recognized Tribe	s in the request	ed counties (if	applicable).	
		·			
lease see Enclosure A	: Supplemental Info	mation for Ind	ividual Assista	Ince for additional inform	nation in support of this reques
	ency Declaration Req				·

FEMA Form 010-0-13, (5/17)

	11. Programs and Areas Requested (Continued)
Public Assistance	<ul> <li>N/A ⊠ Debris Removal (Category A)</li> <li>Emergency Protective Measures (Category B)</li> <li>Permanent Work (Categories C-G)*</li> <li>(not available for Emergency Declaration Requests)</li> </ul>
tribe(s) and/or trib jurisdictions; pleas Public Assistance (\$757,302 in dama threshold \$183,34	jurisdictions, specify programs and areas (counties, parishes, independent cities; for Indian tribal government, list bal area(s)). If additional space is needed or your request includes different categories of work for different se enclose additional documentation. It is requested for the following eight (8) counties: Addison (\$325,901 in damages, \$141,393 threshold); Chittenden ages, \$601,133 threshold); Essex (\$102,945 in damages, \$24,215 threshold); Franklin (\$1,075,327 in damages, I5); Lamoille (\$414,273 in damages; \$93,984 threshold): Orange (\$147,466 in damages, \$111,114 threshold); 7 in damages; \$104,567 threshold); and Washington (\$286,414 in damages, \$228,611 threshold).
For States, identi	ify Federally-recognized Tribes included in the requested counties (if applicable)
Please see Enclo	osure B: Supplemental Information for Public Assistance for additional information in support of this request*.
	Indemnification for Debris Removal Activity
] I do not anticip	ate the need for debris removal.
403 and 407 of harmless the U Indian tribal go	need for debris removal, which poses an immediate threat to lives, public health and safety. Pursuant to Sections f the Stafford Act, 42 U.S.C. §§ 5170b & 5173, the State or Indian tribal government agrees to indemnify and hold United States of America for any claims arising from the removal of debris or wreckage for this disaster. The State or overnment agrees that debris removal from public and private property will not occur until the landowner signs an interval of the removal of debris.
	authorization for the removal of debris.
-	Request for Direct Federal Assistance t direct Federal assistance at this time.
I request direct	Request for Direct Federal Assistance
I request direct and: a. I request the fol	Request for Direct Federal Assistance t direct Federal assistance at this time. Federal assistance for work and services to save lives and protect property,
I request direct and: a. I request the foll b. List of reasons we assistance: (1) Pro- approved work; (2) Sovernment again- such work in accomparent	Request for Direct Federal Assistance         t direct Federal assistance at this time.         Federal assistance for work and services to save lives and protect property,         Illowing type(s) of assistance:
I request direct and: I request the foll L I request the foll L List of reasons v ssistance: (1) Pro proved work; (2) overnment again uch work in acco	Request for Direct Federal Assistance         t direct Federal assistance at this time.         Federal assistance for work and services to save lives and protect property,         Ilowing type(s) of assistance:         why State and local or Indian tribal government cannot perform, or contract for, required work and services.         with 44 C.F.R. § 206.208, the State or Indian tribal government agrees that it will, with respect to direct Federal ovide without cost to the United States all lands, easements, and rights-of-ways necessary to accomplish the ) Hold and save the United States free from damages due to the requested work, and shall indemnify the Federal ist any claims arising from such work; (3) Provide reimbursement to FEMA for the non-Federal share of the cost of redance with the provisions of the FEMA-State or FEMA-Tribe Agreement; and (4) Assist the performing Federal
I request direct and: I request the foll L I request the foll L List of reasons v ssistance: (1) Pro proved work; (2) overnment again uch work in acco	Request for Direct Federal Assistance         t direct Federal assistance at this time.         Federal assistance for work and services to save lives and protect property,         llowing type(s) of assistance:         why State and local or Indian tribal government cannot perform, or contract for, required work and services.         with 44 C.F.R. § 206.208, the State or Indian tribal government agrees that it will, with respect to direct Federal ovide without cost to the United States all lands, easements, and rights-of-ways necessary to accomplish the ) Hold and save the United States free from damages due to the requested work, and shall indemnify the Federal ist any claims arising from such work; (3) Provide reimbursement to FEMA for the non-Federal share of the cost of rdance with the provisions of the FEMA-State or FEMA-Tribe Agreement ; and (4) Assist the performing Federal or and local jurisdictional matters.
I request direct and: a. I request the foll b. List of reasons v ssistance: (1) Proproved work; (2) Sovernment again uch work in acco gency in all suppo	Request for Direct Federal Assistance         t direct Federal assistance at this time.         Federal assistance for work and services to save lives and protect property,         llowing type(s) of assistance:         why State and local or Indian tribal government cannot perform, or contract for, required work and services.         with 44 C.F.R. § 206.208, the State or Indian tribal government agrees that it will, with respect to direct Federal ovide without cost to the United States all lands, easements, and rights-of-ways necessary to accomplish the ) Hold and save the United States free from damages due to the requested work, and shall indemnify the Federal ist any claims arising from such work; (3) Provide reimbursement to FEMA for the non-Federal share of the cost of ridance with the provisions of the FEMA-State or FEMA-Tribe Agreement ; and (4) Assist the performing Federal or and local jurisdictional matters.

11. Programs and Areas Requested (	Continued)
Hazard Mitigation* 🔀 Statewide OR	
For the following specific counties, parishes, independent cities or tribes and/or t	tribal areas.
91	
12. Mitigation Plan Informatic	
	vpe of Plan
13. Other Federal Agency Prog	rams
Agencies	requirements from Other Federal
Please see Enclosure C: Requirements for Other Federal Agency Programs for	additional information in support of this request*
14. Findings and Certification	ns
I certify the following:	
a. I have determined that this incident is of such severity and magnitude that effe State and the affected local government or Indian tribal government and that sup	ctive response is beyond the capabilities of the plementary federal assistance is necessary.
b. In response to this incident, I have taken appropriate action under State or triba or Tribal Emergency Plan on October 31, 2019 in accordance	al law and have directed the execution of the State with the Stafford Act.
c. The State and local governments, or Indian tribal government will assume all a the Stafford Act.	pplicable non-Federal share of costs required by
15. List of Enclosures and Supporting D	ocumentation
Cover Letter 🛛 Enclosure A (Individual Assistance)*	Enclosure B (Public Assistance)*
Enclosure C (Requirements for Other Federal Agency Programs)	Enclosure D (Historic and Current Snowfall Data)
X Additional Supporting Documentation National Weather Service "For the Reco	rd" Memorandum of November 3, 2019
<b>A</b>	
ALLIS.	
W Will	12/20/19
Governor's or Tribal Chief Executive's Signature	Date
	N N
If anyone except the Governor or Tribal Chief Executive signs this document, ple	ase provide the documentation that establishes that
this individual has the legal authority to act on behalf of the Governor or Tribal Cl	
*Not Required for Emergency Declaration Request	
	Dogo 4 -54
EMA Form 010-0-13, (5/17)	Page 4 of 4

i:

Event: Severe Storm and Flooding October 31 2019												
	Start Date 10/31/2019		End Date 11/1/2019		and the second se	iption ding		FHWA Deck	aration		Status Active	
County	Debris Removal (Cat. A)	Protective Measures (Cat. B)	Roads and Bridges (Cat. C)	Water Control Facilities (Cat. D)	Buildings and Equipment (Cat. E)	Utilitles (Cat. F)	Parks, Recreation (Cat. G)	Total	POP	\$/CAP	\$3.84/ CAP	Threshold Met
Addison			325,901.00		2		2	325,901.00	36,821	8.85	141,392.64	Yes
Bennington	<i>1</i>	54		1929	<u> </u>	220	2		37,125		142,560.00	No
Caledonia	25	12					8		31,227		119,911.68	No
Chittenden	4,743.00		677,176.00	18,460.00		56,923.00		757,302.00	156,545	4.84	601,132.80	Yes
ssex	7,919.00				-	95,027.00		102,945.00	6,306	16.32	24,215,04	Yes
ranklin	17,918.00		842,388.00			215,021.00	3	1,075,327.00	47,746	22.52	183,344.64	Yes
Grand Isle		5 <b>e</b>							6,970	595	26,764.80	No
.amoille	10,116.00		282,765.00		*	121,392.00	9	414,273.00	24,475	16.93	93,984.00	Yes
Drange	15,943.00	3 e		592		131,524.00	22	147,467.00	28,936	5,10	111,114.24	Yes
Orleans	35,238:00		294,620.00	200	¥	422,869.00	2	752,727.00	27,231	27.64	104,567.04	Yes
Rutland			· · ·	920	2	an nanagaga	2	ourone megano :	61,642	14.1	236,705.28	No
Nashington	15,943.00	24	51,881.00		2	131,524.00	87,066.00	286,414.00	59,534	4.81	228,610.56	Yes
Vindham				20		1.00		-	44,513		170,929.92	No
Nindsor								-	56,670		217,612.80	No
State Agencies	2.83	22		10.000		380	+		0			
Totals:	107,819.00		2,474,731.00	18,460.00	2	1,174,280.00	87,066.00	3,862,356.00	625,741	6.17	2,402,845.00	ń.

Page 1 of 1

APPLICATION FOR		2. DATE SUBMIT	FTED	Applicant identifier		
FEDERAL ASSISTANCE				000-U6HEW-00		
1. TYPE OF SUBMISSION	Pre-Application	3. DATE RECEIV	ED BY STATE	State Application Identifier		
Application		4. DATE RECEIV AGENCY	/ED BY FEDERAL	Foderal Identifier		
5.APPLICANT INFORMATIC	NC		Organizational L	l Init:		
Legal Name	DEPARTMENT O	F PUBLIC	Department:	Public Safety		
Organizational DUNS:	809376692		Division:	Emergency Management		
Address				ne number of person to be contacted on matters cation (give area code)		
Street:	45 State Drive		Prefix:	First Name: Kim		
City:	Waterbury		Middle Name:			
County:	Washington		Last Name:	Canarecci		
State: VT	Zip Code: 050	671 1300	Suffix:			
Country:	United States of A	merica	Email:	kim.canarecci@vermont.		
			Phone Number: 8			
6 FEDERAL EMPLOYER IDEN	TIFICATION NUMBER (	EIN)	7. TYPE OF APP			
03-6000264			State Government			
8. TYPE OF APPLICATION		9.		9. NAME OF FEDERAL AGENCY		
Grant Application (SF-424)		Federal Emergency Management Agency				
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT				
		DR-4474-VT Severe Storm and Flooding October 31 to November 1, 2019				
12. AREAS AFFECTED BY PRO	DJECT (cities, counties, s	states, etc.)		-		
Addison, Chittenden, Essex, Fra	nklin, Lamoille, Orange, (	Orleans, and Wa	ashington Counties			
13. PROPOSED PROJECT:			14. CONGRESSIO	DNAL DISTRICTS OF:		
Starl Date: 10/31/2019			a. Applicant	00		
Ind Date : 1/13/2022			b. Project			
15. ESTIMATED FUNDING			16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE			
a. Federal		\$ 2896767	ORDER 12372 PR	OCESS? N/A		
	_					
o. Applicant			17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?			
c. State		\$ 395891				
d. Local		\$ 569698	8			
e. Other		\$ C	0			
. Program Income		\$ C	0			
J. TOTAL		\$ 3862356				
18. TO THE BEST OF MY KNO EEN DULY AUTHORIZED BY SSURANCES IF THE ASSIST/	GOVERNING BODY OF	ALL DATA IN T THE APPLICAL	HIS APPLICATION	ARE TRUE AND CORRECT, THE DOCUMENT ICANT WILL COMPLY WITH THE ATTACHED		
a. Name of Authorized Represen		ernor's Authoriz	ed Representative	c. Telephone Number		
Susanne R. Young	State of Ver	rmont Secretary	of Administration	802-828-3322		
Signature of Authorized Repre	sentative			e. Date Signed		
Dan				2/11/20		

Applicant Name:	Application Title:	
DEPARTMENT OF PUBLIC SAFETY /	SF-424 for Disaster Number 4474	
Period of Performance Start:	Period of Performance End:	

## Grant Application - Entire Application

Application Title: SF-424 for Disaster Number 4474 **Application Number:** Application Type: Grant Application (SF-424)

Funds Allocated: \$ 0.00 FedShare Estimated: \$ 0.00 Fedshare Requested: \$ 0.00 Fedshare Obligated: \$ 0.00 Number of Pre-Applications (RPAs/RFMAs) Submitted to FEMA: 25 Number of Subgrant Applications (PWs) Submitted to FEMA: 0

	Preparer Information
Prefix	
First Name	Melissa
Middle Initial	
Last Name	Austin
Title	Financial Administrator
Agency/Organization Name	Vermont Department of Public Safety
Address 1	45 State Drive
Address 2	
City	Waterbury
State	VT
Zip	05671 - 1300
Phone	802-241-5396
Email	melissa.austin@vermont.gov

Kim

Canarecci

802-585-4209

kim.canarecci@vermont.gov

Is the application preparer the Point of Contact? No

Prefix		
First Name		
Middle Initial		
Last Name		
Suffix	14	
Phone		
Fax		
Email		

### **Contact Information**

	Applicant Information
Disaster Number:	4474
Applicant Legal Name	DEPARTMENT OF PUBLIC SAFETY /
Applicant ID	000-U6HEW-00
Congressional District	00
Type of Applicant:	State Government
Federal Employer Identification Number(EIN) If Indian Tribe, this is your Tribal Identification Number:	03-6000264
What is your DUNS Number	809376692
Comments	
Attachments	
ð.	
	Organization Information
Division	Emergency Management
Department	Public Safety
Address Line 1	45 State Drive
Address Line 2	
County	Washington
City	Waterbury
State	VT
Zip	a 05671 - 1300
Country	United States of America
Phone	802-244-8721
	3
52.	Project Information
List the Congressional District(s) for your Project:	

Areas affected by the Project:

Addison, Chittenden, Essex, Franklin, Lamoille, Orange, Orleans, and Washington Counties.

Comments		
Attachments		ě.

	Budget Estimate \$	Percentage of Total Budget Estimate
Federal	\$ 2896767	75.00%
Applicant	\$ 0	0.00%
State	\$ 395891	10.25%
Local	\$ 569698	14.75%
Other	\$ 0	0.00%

Program Income	\$ 0	0.00%
Total	\$ 3862356	100%
Comments		
Attachments		
	Comments and Attachments	
Name of Section	Comment	Attachment
	Assurances and Certifications	12
Forms		Status
Part I: FEMA Form 20-16A, Assurances Non-Construction Programs.		Incomplete
		Applicable
Part II: FEMA Form 20-16B, Assurances Construction Programs.		<u>Incomplete</u>
		Applicable
Part III: FEMA Form 20-16C, Certifications Suspension and Other Responsibilities Ma Requirements.	Regarding Lobbying; Debarment, atters; and Drug-Free Workplace	Incomplete

Part IV: SF-LLL, Disclosure of Lobbying Activities (Complete only if applying for a grant of more than \$100,000 and have lobbying activities using Non-Federal funds. See Form 20-16C for lobbying activities definition.)

## FEMA Form 20-16A

#### Assurances Non-Construction Programs

Complete

Not Applicable

**Note:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

- 1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
- 2. Will give the awarding agency, the Comptroller General of the United States, and if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- Will establish safeguards to prohibit employees from using their positions for a purpose that constitute or presents the appearance of personal or organizational conflict of interest, or personal gain.
- 4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- Will comply with the Intergovernmental Personnel Act of 1970 (42 USC 4728-4763) relating to prescribed standards for merit systems for programs funded under one of the nineteen statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 CFR 900, Subpart F).
- 6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (PL 88-3S2) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 USC 11681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (20 USC ~ 794), which

prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 USC " 6101~106), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 19 (PL 92-255), as amended, relating to n' discrimination on the basis of drug abuse; (f) Comprehensive Alcohol Abuse and Alcohol Prevention, Treatment and Rehabilitation Act of 1970 (PL 91-616), as amended, relating nondiscrimination on the basis of alcohol abuse alcoholism; (g) sections 523 and 527 of the Public Health Service Act of 1912 (42 USC 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 USC 3601 et seq.) as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute under which application for Federal assistance being made; and O the requirements of any off nondiscrimination statute(s) which may apply to application.

- 7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (PL 91~ which provide fair and equitable treatment of persons displaced whose property is acquired as a result of Federal federally assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
- 8. Will comply with the provisions of the Hatch Act (5 USC 1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
- Will comply, as applicable, with the provisions of Davis-Bacon Act (40 USC 276a to 276a-7), Copeland Act (40 USC 276c and 18 USC 874), and the Contract Work Hours and Safe Standards Act (40 USC 327-333); regard labor standards for federally assisted construct subagreements.
- 10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
- 11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (PL 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with-EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. I' 1451 et seq.); (f) conformity of Federal actions to State (Clear Air) Implementation Plans under Section 176(c) of the Clear Air Act of 1955, as amended (42 U.S.C. I 7401 et seq.); (g) protection of underground source of drinking water under the Safe Drinking Water Act of 1974, as amended, (PL 93-523); and (h) protection of endangered species under the Endangered Special Act of 1973, as amended, (PL 93-205).
- Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. 1271 et seq.) related to
  protecting components or potential components of the national wild and scenic rivers system.
- Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470), EO 11593 (identification protection of historic properties), and Archaeological and Historic Preservation Al 1974 (16 U.S.C. 469a-1 et seq.)
- 14. Will comply with PL 93-348 regarding protection of human subjects involved in research, development, and related activities supported by this award of assistance.
- 15. Will comply with the Laboratory Animal We Act of 1966 (PL 89-544, as amended, 7 U. 2131 et seq.) pertaining to the care, handling, treatment of warm blooded animals held research, teaching, or other activities supports this award of assistance.
- 16. Will comply with the Lead-Based Paint Poise Prevention Act (42 U.S.C. 4801 et seq.) which prohibits the use of lead based paint in construe or rehabilitation of residence structures.
- 17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
- 18. Will comply with all applicable requirements a other Federal laws, executive orders, regular and policies governing this program.
- 19. It will comply with the minimum wage and maximum hours provisions of the Federal fair Labor Standards Act (29 U.S.C 201), as they apply to employees of institutions of higher education, hospitals, and other non-profit organizations.

## FEMA Form 20-16B

#### Assurances Construction Programs

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

### PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant I certify that the applicant:

- Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
- 2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
- 3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
- 4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
- 5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
- 6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
- 7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
- 8. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain. nondiscrimination statute(s) which may apply to the application.
- 9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
- 10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681- 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to

nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

- 11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
- 12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
- 13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327- 333) regarding labor standards for federally-assisted construction subagreements.
- 14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
- 15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91- 190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
- 16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
- Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
- 18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
- 19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

## FEMA Form 20-16C

Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibilities Matters; and Drug-Free Workplace Requirements.

Applicants should refer to the regulations cited below to determine the certification to which they are required to

attest. Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 44 CFR Part 18, "New Restrictions on Lobbying; and 44 CFR Part 17, "Government-wide Debarment and suspension (Nonprocurement) and Government-wide Requirements for Drug-Free Workplace (Grants)." The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Federal Emergency Management Agency (FEMA) determines to award the covered transaction, grant, or cooperative agreement.

#### 1. LOBBYING

As required by the section 1352, Title 31 of the US Code, and implemented at 44 CFR Part 1a for persons into a grant or cooperative agreement over \$100,000, as defined at 44CFR Part 16, the applicant certifis that:

(1) No federal appropriated funds have been paid or will be paid by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of any agency, a Member of congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the making of any federal grant, the entering into of any cooperative agreement and extension, continuation, renewal amendment or modification of any Federal Grant or cooperative agreement.

(2) If any other funds than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the making of any federal grant, the entering into of any cooperative agreement: the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.

#### Standard Form LLL Disclosure of Lobbying Activities Attached? No

(3) The undersigned shall equire that the language of this certification be included in the award documents for all the subawards at all tiers (including subgrants, contracts under garnts and cooperative agreements and subcontract(s)) and that all subrecipients shall certify and disclose accordingly.

2. Debarment, Suspension and Other Responsibilities Matters (Direct Recipient)

As required by Executive Order 12549, Debarment and Suspension, and implemented a: 44CFR Part 67, for participants in primary covered transactions, as defined at 44 CFR Part 17, Section 17-510A, the applicant certifies that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency.

(2) Have not within a three-year period preceding this application been convicted of or had a civilian judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or perform a public (Federal, State, or local) transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

(3) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or locally) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification: and

(4) have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default; and

Where the applicant is unable to certify to any of the statements in this certification, he or she shall attach an explanation to this application.

### 3. Drug-Free Workplace (Grantees other than individuals)

As required by the Drug-Free Workplace Act of 1988, and implemented at 44CFR Part 17, Subpart F, for grantees, as defined at 44 CFR part 17, Sections 17.615 and 17.623:

(A) The applicant certifies that ii will continue to provide a drug-free workplace by:

(a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;

(b) Establishing an on -going drug free awareness program to inform employees about:

(1) The dangers of drug abuse in the workplace;

(2) The grantees policy of maintaining a drug-free workplace;

(3) Any available drug counseling, rehabilitation and employee assistance programs; and

(4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;

(c) Making it a requirement that each employee to be engaged in the performance of the grant to be given a copy of the statement required by paragraph (a);
(d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will:

(1) Abide by the terms of the statement and

(2)Notify the employee in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

(e) Notifying the agency, in writing within 10 calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to the applicable FEMA awarding office, i.e. regional office or FEMA office.
(f) Taking one of the Following actions against such an employee, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted:

(1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or

(2) Require such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement or other appropriate agency.

(g) Making a good effort to continue to maintain a drug free workplace through implementation of paragraphs (a), (b), (c), (d), (e), and (f).

(B) The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant.

Place of Performance

Street	City	State	Zip	Action
45 State Drive	Waterbury	VT	05671-1300	

#### Include all places of performance, which are workplaces for this application.

Section 17.630 of the regulations provide that a grantee that is a State may elect to make one certification in each Federal fiscal year. A copy of which should be included with each application for FEMA funding. States and State agencies may elect to use a Statewide certification.

Grant Application - SF424

APPLICATION FOR FEDERAL ASSISTANCE 2. DATE SUBMITTED

Applicant Identifier 000-U6HEW-00

#### **1.TYPE OF SUBMISSION**

3. DATE RECEIVED BY Application STATE

Application

### 4. DATE RECEIVED BY FEDERAL AGENCY

#### **5.APPLICANT INFORMATION**

#### Legal Name: DEPARTMENT OF PUBLIC SAFETY /

Organizational DUNS: 809376692

Address 45 State Drive Street:

City: Waterbury County: Washington State: VT Zip Code: 05671 - 1300 Country: United States of America

#### 6. FEDERAL EMPLOYER IDENTIFICATION NUMBER (EIN) 03-6000264

## 8. TYPE OF APPLICATION

Grant Application (SF-424)

**10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBERS** 97.036

Pre-

N/A

CFDA TITLES: PUBLIC ASSISTANCE

12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.)

Addison, Chittenden, Essex, Franklin, Lamoille, Orange, Orleans, and Washington Counties.

### **13. PROPOSED PROJECT:**

Start Date: 10/31/2019 End Date: 1/13/2022

#### **15. ESTIMATED FUNDING**

a. Federal

b. Applicant

c. State

d. Local

e. Other

f. Program Income

q. TOTAL

18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS REQUIRED.

a. Name of Authorized Representative b.Title

Susanne R. Young, Secretary of Administration/Governor's Authorized Representative

d.Signature of Authorized Representative

802-828-3322 2/11/2020 e. Date Signed

Go Back

State Application Identifier

Federal Identifier

Organizational Unit:

Department: Public Safety

Division: Emergency Management

Name and telephone number of person to be contacted on matters involving this application (give area code) Prefix: First Name: Kim Middle Initial; Last Name: Canarecci Suffix: Email: kim.canarecci@vermont.gov Phone Number: Fax Number: 802-585-4209

7. TYPE OF APPLICANT State Government

9. NAME OF FEDERAL AGENCY -Federal Emergency Management Agency

11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT DR-4474-VT Severe Storm and Flooding October 31 to

November 1, 2019

14. CONGRESSIONAL DISTRICTS OF: a. Applicant: 00 b. Project:

\$ 2896767	16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?
	N/A

**\$ 0 17. IS THE APPLICANT DELINQUENT ON** \$ 395891 ANY FEDERAL DEBT? No

\$ 569698 \$0

\$0

\$ 3862356

c. Telephone Number