

IDEAS FOR NEXT STEPS, BASED ON WORKSHOP DISCUSSION + CONVERSATION WITH PLANNING TEAM (DRAFT)	Responsible Party							
	EMD	PD	FD	SB	HO	PB	RA	WB
Work on a system to get information out when cell coverage is down/power is out	X	X		X				
Look into potential forest management needs to reduce fire risk			X					
Volunteer emergency response training	X	X	X					
Develop plans for different storm scenarios, including microbursts/tornados	X	X	X					
Work on building Madbury shelter capacity	X	X	X					
Encourage neighbor-to-neighbor assistance to support vulnerable populations (e.g., people with medical needs), look into opportunities to collect information about who needs what assistance					X			
Build individual preparedness and neighborhood preparedness	All							
Consider a regional conversation about the impacts of impermeable surfaces, upstream/downstream impacts	(Strafford Regional Planning Commission)							
Consider a regional scenario planning workshop to improve communications	(Strafford Regional Planning Commission)							
Musings articles re: importance of land use planning, stormwater mgmt., protecting wetlands, pervious surfaces						X		
Consider water use restrictions, promote water conservation methods, consider incentive programs/bulk purchasing programs						X		
Communicate with state reps about the importance of protecting water supplies in Madbury				X		X		
Work with Eversource to cut more trees around power lines							X	
Make a plan for keeping Watson and Jenkins Roads open (for alternative routes during emergency events)							X	
Support appropriate upsizing of culverts and other infrastructure to accommodate larger storms							X	
Work with EMD on a list of grocery stores, fuel supplies, and pharmacies → Madbury Post/Musings				X				
Work with Fire Department to develop a checklist for preparedness → Musings article				X				
Work with Town Clerk to add solar tax break to the back of tax bills; raise awareness about the tax break				X				
Build awareness/engagement through Musings (survey about how people want the Town to communicate with them), social media, schools' weekly updates (link to Musings), community events around emergency preparedness, raise awareness about existence of Reverse 911				X				
Stay on top of water rights issues at the state level				X				
Webpage for emergency resources; how to update if Eric's computer is down?				X				
Educate residents on public water sources for emergencies	X			X				
Get new residents information about water supplies, how to deal with drought, water conservation			X	X				
Support water quality testing during droughts, investigate potable water generators								X
Educate residents about wells, public water supplies (reservoir?), groundwater map								X

Responsible Parties: EMD – Emergency Mgmt. Director / PD – Police Department / FD – Fire Department / SB – Select Board / HO – Health Officer / PB – Planning Board / RA – Road Agent / WB – Water Board

Workshop Discussion Summary

Context: The following tables summarize the notes from the discussion at the 9/27 workshop, where 16 community members discussed concerns and brainstormed actions related to three topics: extreme precipitation/flooding, emergency preparedness, and drought/water supply. The notes from the extreme precipitation/flooding and emergency preparedness topics were combined due to substantial overlap. This workshop was followed by a meeting on 10/25 with the planning team (Eric Fiegenbaum, Casey Jordon, and Fritz Green) to review the first draft of the discussion summary and discuss next steps. The draft table of next steps and responsible parties was developed based on that conversation, and the summary tables below are provided for additional context.

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Top concern per topic	Next top concern
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EXTREME PRECIPITATION, FLOODING (rain, snow, ice), & EMERGENCY PREPAREDNESS				
Category	Concern	Votes	Actions (from workshop)	Other action ideas (from UNHCE/NHSG)
<i>Planning and preparing</i>	Volunteer response – untrained, liability	9	Provide education and training for volunteers	
	How to prepare proactively	4		
	Hard to plan for microbursts/tornados – unexpected, no or little warning, rare	2	Develop plans to deal with unexpected weather events	
	What scenarios are we planning for? Can't plan for every eventuality.		Develop plans for different scenarios	
<i>Shelter</i>	What's the designated shelter? Durham is 6 miles away – could get cut off, there will be a lot of people there already; but there are problems with having a shelter in Madbury	5	Identify a backup shelter in Madbury in case the town is cut off from Durham	
			Build preparedness capacity at library and safety complex	
<i>Vulnerable populations</i>	People with medical needs – how to keep up-to-date list; how to encourage neighbors to check on each other	4	Encourage neighbor-to-neighbor assistance, protect vulnerable populations	"Adopt-a-Block" program (CT example)
	Pharmacies are in other towns (could get cut off), supply duration?			Review the nearest pharmacy, fuel, and grocery options and potential transportation issues during storms; raise awareness about the options
<i>Supplies</i>	Grocery stores and fuel sources are in other towns (could get cut off), supply duration?	4		
<i>Energy supply</i>	Town hall/school/municipal complex have generators; where else? Fuel supply for	4	Support battery/solar back-up for energy supply	

	generators? Solar backup?			
	Burdensome to keep generators going all around town – encourage sharing		Educate residents on sharing resources (e.g., generators)	
	Price of renewable energy can be a barrier – incentives?		Offer rebate and/or incentives for alternative energy sources	Provide opportunities for residents who do have solar energy/battery back-up systems to inform and help other interested community members
	Need to cut more trees around power lines		Collaborate with Eversource for tree trimming	
<i>Communication infrastructure</i>	Cell towers/satellite phones	4		Look into communication alternatives for when power is out/cell coverage is down
<i>Land use</i>	Surrounding towns are building on wetlands, too much impervious surface	3	Seek options to increase permeable surfaces for water infiltration, education on limiting pavement	Consider a regional conversation about the impacts of impermeable surfaces, upstream/downstream impacts
	Flood map issues – FEMA maps don't project into the future, hard to consider land use changes and details			
<i>Transportation</i>	Roads, culverts, bridges – how much water can be accommodated vs. how much we're facing	2		Support appropriate upsizing of culverts and other infrastructure to accommodate larger storms
	Evacuation routes		Make a plan for keeping Watson and Jenkins Roads open (for alternative routes during emergency events)	
<i>Awareness and engagement</i>	Lack of awareness; how to engage more residents and broaden the conversation (especially younger generations)		More frequent education via existing outlets; use social media to engage younger generation	
			Improve communication between town and residents (e.g., reverse 911)	Test systems in advance, do publicity to encourage sign-ups for alerts
			Organize emergency preparedness events to increase public awareness	
<i>Regional</i>	We're less vulnerable than other towns – how to help others; how to help displaced people from elsewhere and handle that traffic?		Communicate with adjacent and nearby towns	Maybe a regional scenario planning workshop

DROUGHT & WATER SUPPLY

Category	Concern	Votes	Actions (from workshop)	Other action suggestions
<i>Water quality</i>	Contamination, drawdown causes water quality issues, road salt/sand use	5	Water quality testing during droughts	Develop a plan for testing water (i.e., could Madbury coordinate testing?)
	Public potable water supply	1	Investigate potable water generators	
<i>Regulatory framework and policy</i>	Groundwater is state-regulated – what can we do?	5	Stay on top of water rights issues at the state level	
	Water rights		Implement water use restrictions; look into models (Dover, Rochester)	
	Water use restrictions/conservation		Encourage rain barrels and other methods to collect/save water	Consider incentive programs, bulk purchasing programs, and/or lawn signs to acknowledge stormwater/water conservation champions
<i>Drought</i>	If wells go dry, where can I get potable water?	4	Educate residents on public water sources for emergencies	
	Wells went dry last summer and well drillers were booked			Consider proactive communication to residents about well drilling companies in connection with drought projections
<i>Awareness, information</i>	Don't know details about my well; when do I need to worry about supply vs. use?	2	Education for residents about wells; groundwater map for residents	
	There are some public water supplies but lack of awareness	2	Educate residents on public water supplies; investigate public accessibility to potable water supply (reservoir?)	
	Lack of coordination; balancing water use with restrictions and conservation efforts	2		
	New residents are less aware; hard to plan			Get new residents an info packet about water supply, how to deal with drought
<i>Fires</i>	Potential for increased fire risk with climate change	3		Look into potential forest mgmt. needs in Madbury to reduce fire risk
<i>Storms</i>	Mostly wells – not much redundancy	1	Encourage residents to acquire hand pumps or battery/solar	
			Improve redundancy for public water supply resources	
<i>Regional</i>	Water leaving Madbury; water use restrictions/conservation by other communities esp. those using water from Madbury (Portsmouth)		Coordinate with other communities re: water conservation efforts	Look at regs nearby communities have re: water restrictions and conservation, work on improving consistency