East Montpelier
Scoring Matrix for Local Hazards

Hazard Impact	Probability	Potential Impact					Score
		Infrastructure	Life	Economy	Environment	Average	
Fluvial Erosion	4	4	3	4	4	3.75	15
Inundation Flooding	3	4	3	4	2	3.25	9.75
Ice	3	3	3	3	2	2.75	8.25
Snow	4	1	2	2	2	1.75	7
Wind	4	2	2	3	2	2.25	9
Heat	2	1	3	2	2	2.0	4
Cold	3	1	3	2	2	2.0	6
Drought	2	1	2	2	3	2.0	4
Landslides	3	2	2	2	2	2.0	6
Wildfire	2	2	3	2	2	2.25	4.5
Earthquake	2	1	1	1	1	1.0	2
Invasive Species	4	1	2	2	3	2.0	8
Infectious Disease Outbreak	2	1	4	3	1	2.25	4.5
Hail	3	1	1	1	1	1.0	3

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Scoring Guide: Score = Probability x Average Potential Impact

	Frequency of Occurrence: Probability of a plausibly significant event	Potential Impact: Severity and extent of damage and disruption to population, property, environment and the economy
1	Unlikely: <1% probability of occurrence per year	Negligible: isolated occurrences of minor property and environmental damage, potential for minor injuries, no to minimal economic disruption
2	Occasionally: 1–10% probability of occurrence per year, or at least one chance in next 100 years	Minor: isolated occurrences of moderate to severe property and environmental damage, potential for injuries, minor economic disruption
3	Likely: >10% but <75% probability per year, at least 1 chance in next 10 years	Moderate: severe property and environmental damage on a community scale, injuries or fatalities, short-term economic impact
4	Highly Likely: >75% probability in a year	Major: severe property and environmental damage on a community or regional scale, multiple injuries or fatalities, significant economic impact