

Town of Andover
Hazard Probability of Occurrence and Impact Assessment

Hazard Impacts	Probability of Occurrence Score	Potential Hazard Impact (Score 1-4)					Hazard Assessment Score
		Public Infrastructure	Life & Property	Economy	Natural Environment	Avg.	
Inundation / Flash Flooding							
Fluvial Erosion							
Slope Failure							
Ice							
Heavy Snow							
High Wind							
Hail							
Lightning							
Extreme Heat							
Extreme Cold							
Wildland Fire							
Earthquake							
Drought							
Invasive Species							
Infectious Disease Outbreak							

Probability of Hazard Occurrence - Scoring Methodology

Probability of Future Occurrence: Probability of occurrence over the next 5 years

1 = Not Likely	Not expected or unlikely to occur during the plan period
2 = Occasionally	Could plausibly occur at least once every 5 years
3 = Likely	Likely to occur in any one year
4 = Highly Likely	Highly likely to occur at least once in any one year

Potential Hazard Impact - Scoring Methodology

Potential Impact: Probability of a Significant Impact defined as ‘Severity and extent of damage and disruption to population property, environment and the economy’

1 = Negligible	Isolated occurrences of minor property and environmental damage, minor disruption of critical facilities and infrastructure, potential for minor injuries, no to minimal economic disruption
2 = Minor	Isolated occurrences of moderate to severe property and environmental damage, brief disruption of critical facilities and infrastructure, potential for injuries, and minor economic disruption
3 = Moderate	Severe property and environmental damage on a community scale, temporary shutdown of critical facilities, injuries or fatalities, short-term economic impact
4 = Major	Severe property and environmental damage on a town-wide or regional scale, shutdown of critical facilities, and/or multiple injuries or fatalities, significant economic impact