

# HAZARD RISK ASSESSMENT

## State Wide Identified Hazards

Hazard Impact	Probability	Potential Impact					Score (* priority hazards)
		Infrastructure	Life	Economy	Environment	Average	
Fluvial Erosion	4	4	3	4	4	3.75	15*
Inundation Flooding	4	4	3	4	2	3.25	13*
Ice	3	3	3	3	2	2.75	8.25*
Snow	4	1	3	2	1	1.75	7*
Wind	4	2	2	1	1	1.5	6
Heat	3	1	3	2	2	2	6
Cold	3	1	3	2	2	2	6
Drought	3	1	2	2	3	2	6
Landslides	3	3	2	1	2	2	6
Wildfire	2	3	3	3	2	2.75	5.5
Earthquake	2	3	3	3	2	2.75	5.5
Invasive Species	2	1	1	2	3	1.75	3.5
Infectious Disease Outbreak	2	1	3	2	1	1.75	3.5
Hail	3	1	1	1	1	1	3

Scoring Guide: Score = Probability x Average Potential Impact

	<b>Frequency of Occurrence:</b> Probability of a plausibly significant event	<b>Potential Impact:</b> Severity and extent of damage and disruption to population, property, environment and the economy
<b>1</b>	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
<b>2</b>	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
<b>3</b>	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
<b>4</b>	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

### Scoring Matrix for Local Hazards

Hazard Impact	Probability	Potential Impact					Score
		<i>Infrastructure</i>	<i>Life</i>	<i>Economy</i>	<i>Environment</i>	<b>Average</b>	
Fluvial Erosion							
Inundation Flooding							
Ice							
Snow							
Wind							
Heat							
Cold							
Drought							
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Earthquake							
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### Top 5 Hazards: Location, Vulnerability, Extent, and Impact

Hazard (Type of Hazard)	Location: General areas within municipality which are vulnerable to the Identified hazard.	Vulnerability: Types of Structures impacted	Extent: Magnitude of hazard: Scale dependent on hazard	Impact: Dollar value or percentage of damages
Hazard	Location	Vulnerability	Extent	Impact
Hazard	Location	Vulnerability	Extent	Impact
Hazard	Location	Vulnerability	Extent	Impact
Hazard	Location	Vulnerability	Extent	Impact