Wilmot Hazard Risk Matrix 2019 – for 2024 Update

Natural Hazard Summary						
Natural Hazards	**Human Impact** Probability of death or injury 0: n/a 1: Low 2: Moderate 3: High	**Property Impact** Physical loss damage 0: n/a 1: Low 2: Moderate 3: High	**Business Impact** Interruption of service 0: n/a 1: Low 2: Moderate 3: High	**Severity** *Avg. of Human, Property, & Business*	**Probability*** *In 25 years* Likelihood this will occur 1: Remote 2: Occasional 3: Probable 4: Frequent	**Risk** *Severity x Probability* 0-3: Low 4-6: Moderate 7-9 High 10-12: Severe
Flood	2	3	2	2.3	4	**9.3**
Severe Winter Weather	3	2	2	2.3	4	**9.3**
Severe Wind *Tornado/Downburst*	1	3	2	2.0	4	**8.0**
Hurricane/ Tropical Storm	2	3	3	2.7	3	**8.0**
Wild/Forest Fire *Lucky to not have had any problems. Only one access and no water source at the parking lot.. add this discussion to chap 3. Get input from fire.*	3	3	1	2.3	3	**7.0**
Lightning	1	2	1	1.3	4	**5.3**
Drought	1	2	1	1.3	3	**4.0**
Infectious Disease	3	1	1	1.7	2	**3.3**
Extreme Temps	2	1	1	1.3	2	**2.7**
Dam Failure	3	3	1	2.3	1	**2.3**
Earthquake	2	2	2	2.0	1	**2**
Avalanche	n/a	n/a	n/a	n/a	n/a	n/a
Landslide	n/a	n/a	n/a	n/a	n/a	n/a
Solar Storms	n/a	n/a	n/a	n/a	n/a	n/a
0-3 Low Risk	4-6 Moderate Risk		7-9 High Risk		10-12 Severe Risk	

***Probability Terms are defined as:**

Improbable:	Not likely to occur in any 25 year period.
Remote:	Less than 1% probability in the next 25 year period.
Occasional:	Between 1% and 50% probability in the next 25 year period.
Probable:	Between 50% and 99% probability in the next 25 year period.
Frequent:	Near 100% probability in the next year.

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Human Caused Hazard Summary						
Human Caused Hazards	**Human Impact** Probability of death or injury 0: n/a 1: Low 2: Moderate 3: High 4: Catastrophic	**Property Impact** Physical loss damage 0: n/a 1: Low 2: Moderate 3: High 4. Catastrophic	**Business Impact** Interruption of service 0: n/a 1: Low 2: Moderate 3: High 4. Catastrophic	**Severity** *Avg. of Human, Property, & Business*	**Probability *** *In 25 years* Likelihood this will occur 1: Remote 2: Occasional 3: Probable 4: Frequent	**Risk** *Severity x Probability* 0-3: Low 4-6: Moderate 7-9 High 10-12: Severe
Haz Mat (Transport)	1	1	1	1	4	**4**
Utility Interruption	1	2	1	1.3	3	**3.9**
Mass Casualty (Trauma or Medical)	3	1	1	1.6	2	**3.2**
Transport Incident *(plane, Aauto, etc.)*	3	1	1	1.6	2	**3.2**
Terrorist Attack (WMD)	3	3	3	3	1	**3**
Haz Mat (Fixed) GET FD TO LOOK at this	3	3	3	3	1	**3**
Armed Attack (assault, sniper)	3	1	1	1.6	1	**1.6**
Biological Terrorism	2	1	1	1.3	1	**1.3**
Civil Disorder	1	1	1	1	1	**1**
Cyber Incident *Need tech mgmt.. every dept is on its own. Town admn is on cloud. PD data Is backed up.*	1	1	2	1.3	2	**2.6**
0-3 Low Risk	4-6 Moderate Risk		7-9 High Risk		10-12 Severe Risk	

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