

**Risk Score = Frequency \* SUM  $\sum_{i=1}^5$  ( CategoryWeight<sub>i</sub> x 10<sup>Impact<sub>i</sub></sup> )**

Frequency	Frequency Years (Events/Year) [Min rate]	Frequency Years (Events/Year) [Max rate]	Frequency Value			Negligible(1)	Minor(2)	Moderate(3)	Major(4)	Extensive(5)	Severe(6)	Catastrophic(7)	
						1	2	3	4	5	6	7	
> 10 times per year	10	100	31.6228	7	0	316.23	3,162.28	31,622.78	316,227.77	3,162,277.66	31,622,776.60	316,227,766.02	7
1 - 10 times per year	1	10	3.1623	6	0	31.62	316.23	3,162.28	31,622.78	316,227.77	3,162,277.66	31,622,776.60	6
Once every 1 - 3 years	0.3300	1.0000	0.5745	5	0	5.74	57.45	574.46	5,744.56	57,445.63	574,456.26	5,744,562.65	5
Once every 3 - 10 years	0.1000	0.3333	0.1826	4	0	1.83	18.26	182.57	1,825.74	18,257.42	182,574.19	1,825,741.86	4
Once every 10 - 30 years	0.0333	0.1000	0.0577	3	0	0.58	5.77	57.74	577.35	5,773.50	57,735.03	577,350.27	3
Once every 30 - 100 years	0.0100	0.0333	0.0183	2	0	0.18	1.83	18.26	182.57	1,825.74	18,257.42	182,574.19	2
Once every 100+ Years	0.0033	0.0100	0.0058	1	0	0.06	0.58	5.77	57.74	577.35	5,773.50	57,735.03	1
				0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0	1	2	3	4	5	6	7	