

## APPENDIX 3. Full Hazard Assessment Scores

Hazard Table with all Likelihood, Consequence and Risk Scores		Human & Social Impacts							Physical & Economic Impacts					Overall Consequence (11-55)	Risk	Confidence Rating	
Hazard	Likelihood (1-5)	Fatalities (1-5)	Injury/Illness (1-5)	Displacement (1-5)	Psychosocial (1-5)	Support System Impact (1-5)	Cultural Resource Impact (1-5)	Sub-Total (6-30)	Property Damage (1-5)	Critical Infrastructure (1-5)	Environmental (1-5)	Economic (1-5)	Reputational (1-5)				Sub-Total (5-25)
Fires (Wildfire and Urban Interface)	5	2	2	4	3	4	4	19	3	4	4	4	3	18	37	185	(A)
Overland Flooding	5	2	2	3	3	3	2	15	3	3	3	2	3	14	29	145	(C)
Wind Event	4	2	3	3	2	3	3	16	4	4	4	4	3	19	35	140	(A)
Drought	5	1	2	2	1	3	3	12	2	3	4	4	3	16	28	140	(B)
Motor Vehicle Incident	4	4	4	2	4	4	1	19	3	2	2	2	3	12	31	124	(B)
Electrical Power Outage	5	2	2	3	2	3	1	13	2	3	1	3	2	11	24	120	(B)
Structure Fire	5	2	2	2	3	2	3	14	3	2	2	1	2	10	24	120	(A)
Rivers, Lakes, and Stream Flooding	5	1	1	2	2	2	1	9	2	3	3	3	3	14	23	115	(B)
Coastal Flooding	5	1	1	2	1	1	4	10	3	3	2	2	2	12	22	110	(C)
Freeze Event	5	2	2	1	2	2	1	10	2	2	3	2	2	11	21	105	(B)
Saltwater Intrusion	5	1	1	2	1	2	3	10	2	2	4	1	2	11	21	105	(C)
Landslide	4	2	2	3	2	2	2	13	3	2	3	2	3	13	26	104	(C)
Hazardous Material Release Land	4	1	2	3	2	2	3	13	2	3	4	2	2	13	26	104	(C)
Insect Infestation & Plant Disease	4	1	1	1	3	2	4	12	4	1	4	3	2	14	26	104	(D)
Air Quality	4	2	3	3	2	3	1	14	1	2	3	3	2	11	25	100	(B)
Coastal Erosion and Sedimentation	5	1	1	2	1	1	2	8	2	2	2	2	4	12	20	100	(C)
Human Disease	3	4	4	4	4	4	1	21	1	3	1	3	4	12	33	99	(C)
Snow Event	4	2	2	2	2	3	2	13	2	2	1	2	3	10	23	92	(B)
Animal Disease	4	1	1	1	3	2	1	9	4	1	3	3	2	13	22	88	(D)
Food Supply Chain Interruption	3	2	2	3	4	4	1	16	2	2	2	3	4	13	29	87	(D)
Marine Vessel Incident	3	3	4	2	4	2	1	16	3	2	3	2	3	13	29	87	(C)
Land Subsidence and Sinkholes	5	1	2	2	2	1	1	9	2	2	2	1	1	8	17	85	(C)
Hazardous Material Release Marine	3	1	2	2	1	2	4	12	2	3	4	2	4	15	27	81	(C)
Potable Water Supply Interruption	3	2	3	2	3	3	3	16	1	2	2	3	3	11	27	81	(C)
Fog	5	2	2	1	2	1	1	9	2	2	1	1	1	7	16	80	(B)
Heat Event	5	2	2	2	2	2	1	11	1	1	1	1	1	5	16	80	(B)
Fuel Supply Interruption	3	2	2	3	2	3	1	13	2	4	1	3	3	13	26	78	(D)
Earthquake	3	1	2	2	2	2	2	11	3	3	2	2	3	13	24	72	(B)
Intentional Acts of CBRNE	2	3	3	3	4	3	2	18	3	3	4	3	4	17	35	70	(E)

Hazard Table with all Likelihood, Consequence and Risk Scores		Human & Social Impacts							Physical & Economic Impacts						Overall Consequence (11-55)	Risk	Confidence Rating
Hazard	Likelihood (1-5)	Fatalities (1-5)	Injury/Illness (1-5)	Displacement (1-5)	Psychosocial (1-5)	Support System Impact (1-5)	Cultural Resource Impact (1-5)	Sub-Total (6-30)	Property Damage (1-5)	Critical Infrastructure (1-5)	Environmental (1-5)	Economic (1-5)	Reputational (1-5)	Sub-Total (5-25)			
Thunderstorm	5	1	1	1	1	1	1	6	2	2	2	1	1	8	14	70	Ⓒ
Cyber Security Threat	3	1	1	1	3	3	1	10	1	3	1	4	4	13	23	69	Ⓓ
Geomagnetic Storm	3	1	1	1	1	3	1	8	2	4	2	4	3	15	23	69	Ⓓ
Active Threat	2	4	4	2	5	3	1	19	2	2	2	4	4	14	33	66	Ⓓ
Cold Event	3	2	2	2	2	3	1	12	2	2	2	2	2	10	22	66	Ⓑ
Hail	5	1	2	1	1	1	1	7	2	1	1	1	1	6	13	65	Ⓒ
Aircraft Incident	2	4	4	2	4	3	1	18	3	2	2	3	4	14	32	64	Ⓒ
Dam Failure	2	3	3	2	3	2	3	16	3	4	3	3	3	16	32	64	Ⓑ
Rainfall Event	4	1	2	2	2	2	1	10	1	1	2	1	1	6	16	64	Ⓑ
Communications Interruption	3	2	1	1	2	3	1	10	1	3	1	3	3	11	21	63	Ⓑ
Bridge Collapse	2	3	3	2	3	3	1	15	3	2	3	2	4	14	29	58	Ⓓ
Megathrust Earthquake	1	5	5	5	5	5	5	30	5	5	5	5	5	25	55	55	Ⓒ
Building Collapse	2	3	3	2	3	3	1	15	3	1	2	3	2	11	26	52	Ⓒ
Public Disturbance	2	2	3	2	3	2	2	14	3	2	2	2	3	12	26	52	Ⓒ
Waste Water Interruption	2	2	2	2	2	2	2	12	3	3	3	2	2	13	25	50	Ⓒ
Volcanic Ash Fallout	2	1	2	2	1	2	2	10	2	3	4	3	1	13	23	46	Ⓒ
Hijacking	1	3	3	2	4	3	1	16	3	3	3	3	4	16	32	32	Ⓓ
Seiche	1	4	3	3	3	3	2	18	3	2	3	2	2	12	30	30	Ⓔ
Tsunami	1	2	3	4	3	3	2	17	3	2	2	2	4	13	30	30	Ⓑ
Health Interruption	1	2	2	2	3	3	1	13	1	3	1	2	3	10	23	23	Ⓑ
Incident at the CFM-ETR	1	2	2	3	2	1	1	11	2	1	3	1	2	9	20	20	Ⓓ
Rail Incident	1	2	2	1	2	2	1	10	3	1	2	2	2	10	20	20	Ⓒ
Avalanche	1	1	2	1	1	1	1	7	1	1	1	1	1	5	12	12	Ⓑ
Extraterrestrial Debris	1	1	1	1	1	1	1	6	1	1	1	1	1	5	11	11	Ⓔ

**Legend**

**Hazard Category**

- Natural Hazard
- Technological Hazard
- Conflict Hazard

**Confidence Rating**

- Ⓐ Very high degree of confidence
- Ⓑ High degree of confidence
- Ⓒ Moderate confidence
- Ⓓ Low confidence
- Ⓔ Very low confidence