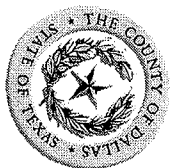


Hazard Risk Assessment Matrix **Name of Jurisdiction: City of Farmers Branch**



Scale	
Low/Unlikely Event probable next 10 years	1
Average/Occasional Event possible next 5 years	2
Medium/Moderate/Likely Event possible next 3 years	3
High/Highly Likely Event Possible next year	4

Scale	
Low	1
Medium/Moderate	2
High	3
Catastrophic	4

Hazard Identification and Risk Assessment (HIRA)

Date: August 1, 2013

Hazard	Probability	Frequency	Severity	Risk Factor	People (PD)	Property	Environment	Potential Damage	Total Vulnerability
		(P/F)*S=RF			People + Property + Environment = Potential Damage				RF/PD=V
Severe Storms	3	4	2	1.5	2	2	2	6	.25
Tornado	4	1	2	8	3	3	3	9	.88
Hail	4	4	2	2	2	3	2	7	.28
Flooding	2	1	1	2	1	1	2	4	.50
Extreme Temperatures	4	4	2	2	3	1	3	7	.25
Winter Storms	3	3	3	3	3	2	3	8	.37
Wildfire	1	1	1	1	1	1	1	3	.33
Energy/Fuel Shortage	1	1	1	1	1	1	1	1	.33
Lightning	4	4	2	2	3	2	1	6	.33
Terrorist Attack	2	1	3	6	3	3	2	8	.75
Urban Fire	1	1	3	3	1	3	1	5	.60
Earthquake	3	3	1	1	1	2	1	4	.25
Levee/Dam Failure	1	1	1	1	2	3	3	8	.12
Drought	4	4	3	3	2	3	3	8	.37
Aircraft Accident	3	1	3	1	3	3	3	9	.11
Stream Bank Erosion	4	4	3	3	2	3	3	8	.37
Vector	4	4	2	2	3	1	2	6	.33
Animal Welfare	3	4	2	1.5	1	1	1	3	.50