

BUTLER COUNTY HAZARD MITIGATION

KICK-OFF MEETING



HAZARD MITIGATION PLAN

- One of several plans required by statutes
 - Robert T. Stafford Act
- Opens several funding streams
 - PDM
 - HMGP
 - Planning
 - Projects
 - FMA
- Opens dialogue and fosters partnerships

HOW DOES THIS HELP YOU?

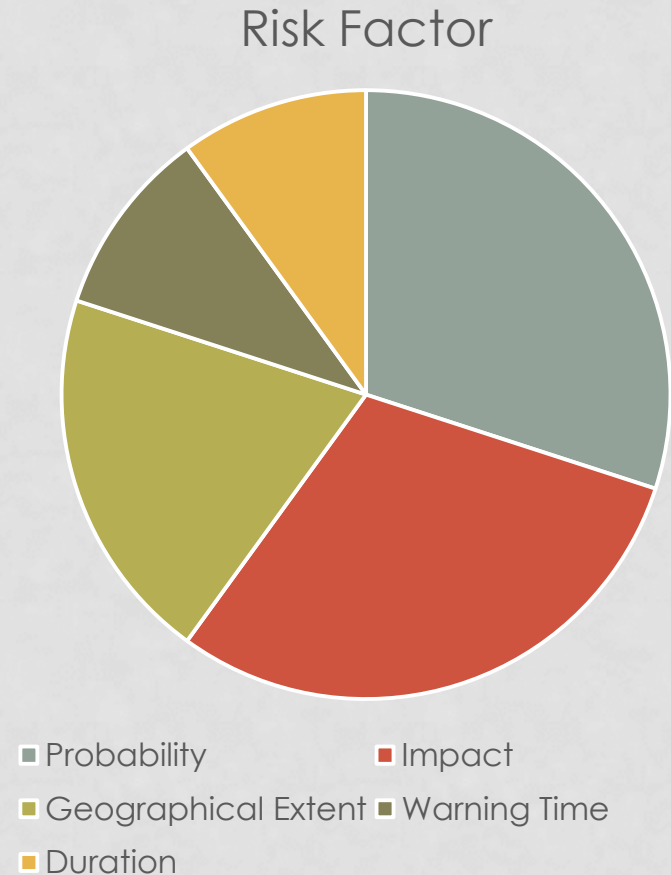
- Access to mitigation funding
- Access to disaster relief funds under the Stafford Act
- Fulfills local Hazard Mitigation planning requirement for local jurisdictions

HIRA

- Hazard Identification and Risk Assessment
 - Required as part of the planning process
 - Performed in Butler County through community surveys
- Used to develop Mitigation Goals, Objectives and Actions
- Provides a system to rank hazards based on community input

RISK FACTOR

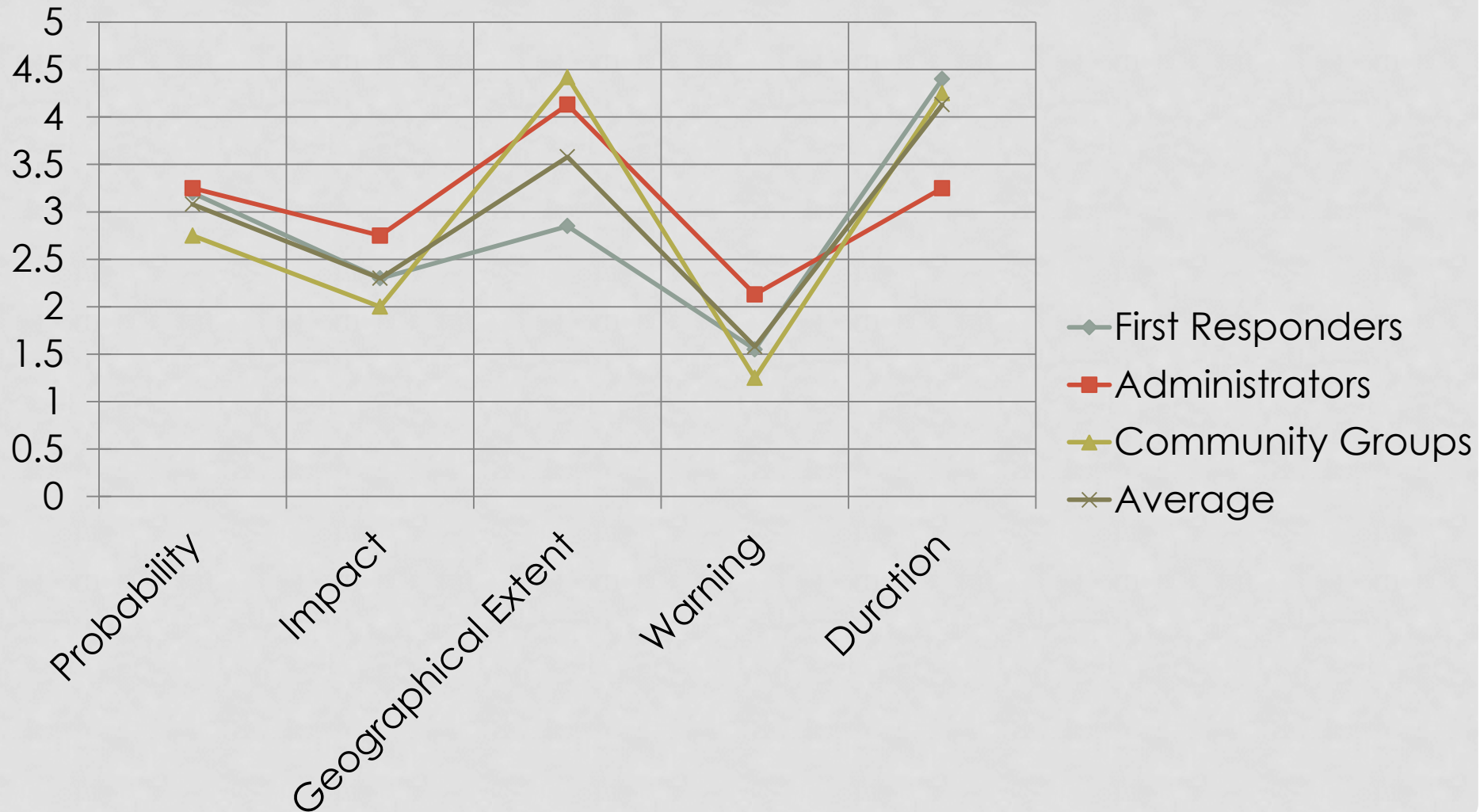
- Determined by looking at 5 key components
 - Probability (Blue)
 - Impact (Red)
 - Geographical Extent (Green)
 - Warning Time (Dark Green)
 - Duration (Yellow)
- Components are then factored to form a score



BUTLER COUNTY HIRA

- Developed through Surveys
 - Administrators
 - City, Village & Township Administrators
 - First Responders
 - Fire Chiefs
 - Police Chiefs
 - Public Works Directors / Road Superintendents
 - Community Groups
 - Various county agencies, community groups and advocacy groups
- 140 surveys mailed
 - 50 returned (36%)

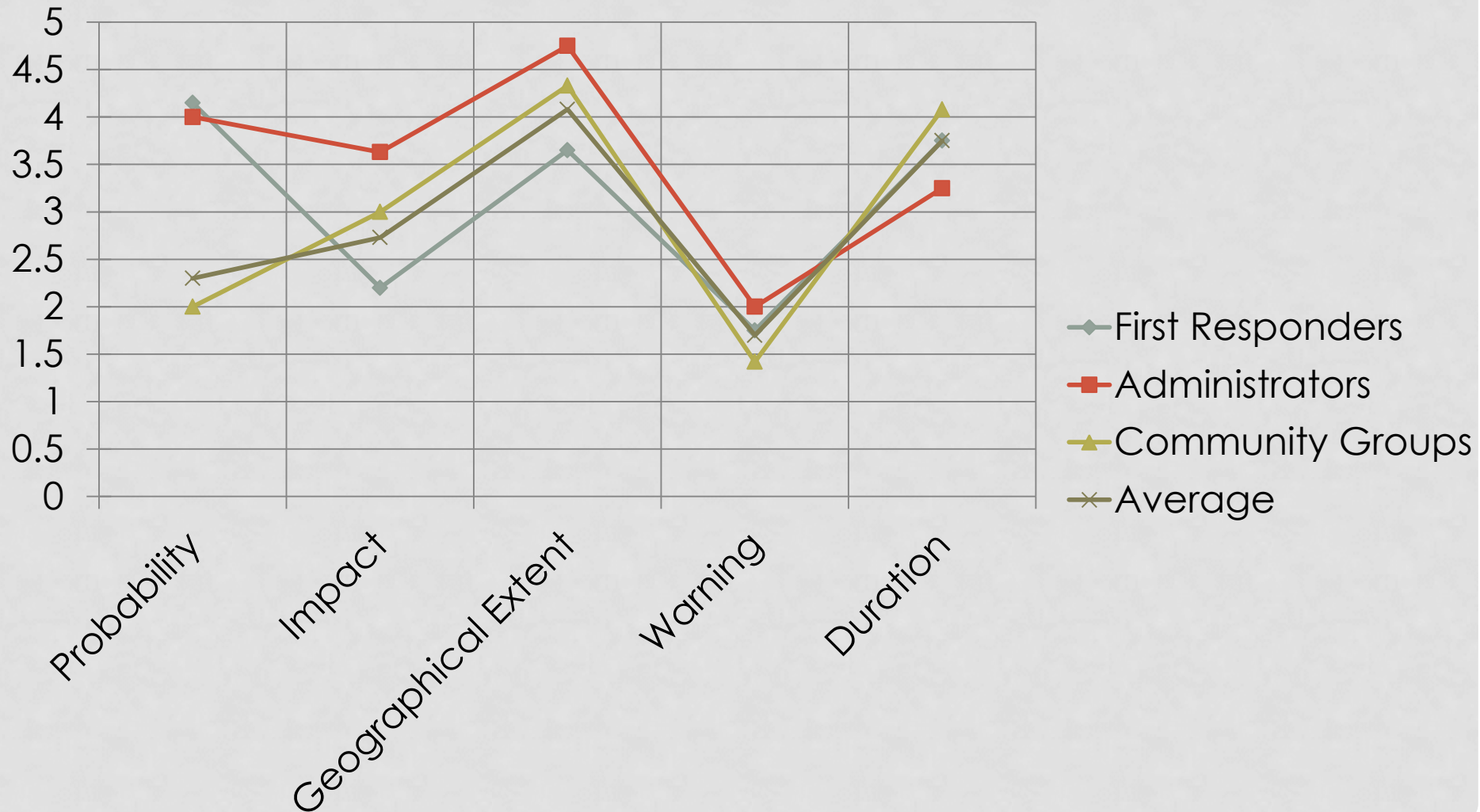
HEAT EMERGENCIES



HEAT EMERGENCIES

Component	Community Average	RF Rating
Probability	3.1	.93
Impact	2.3	.69
Geographical Extent	3.6	.72
Warning Time	1.6	.16
Duration	4.1	.41
Risk Factor		2.91

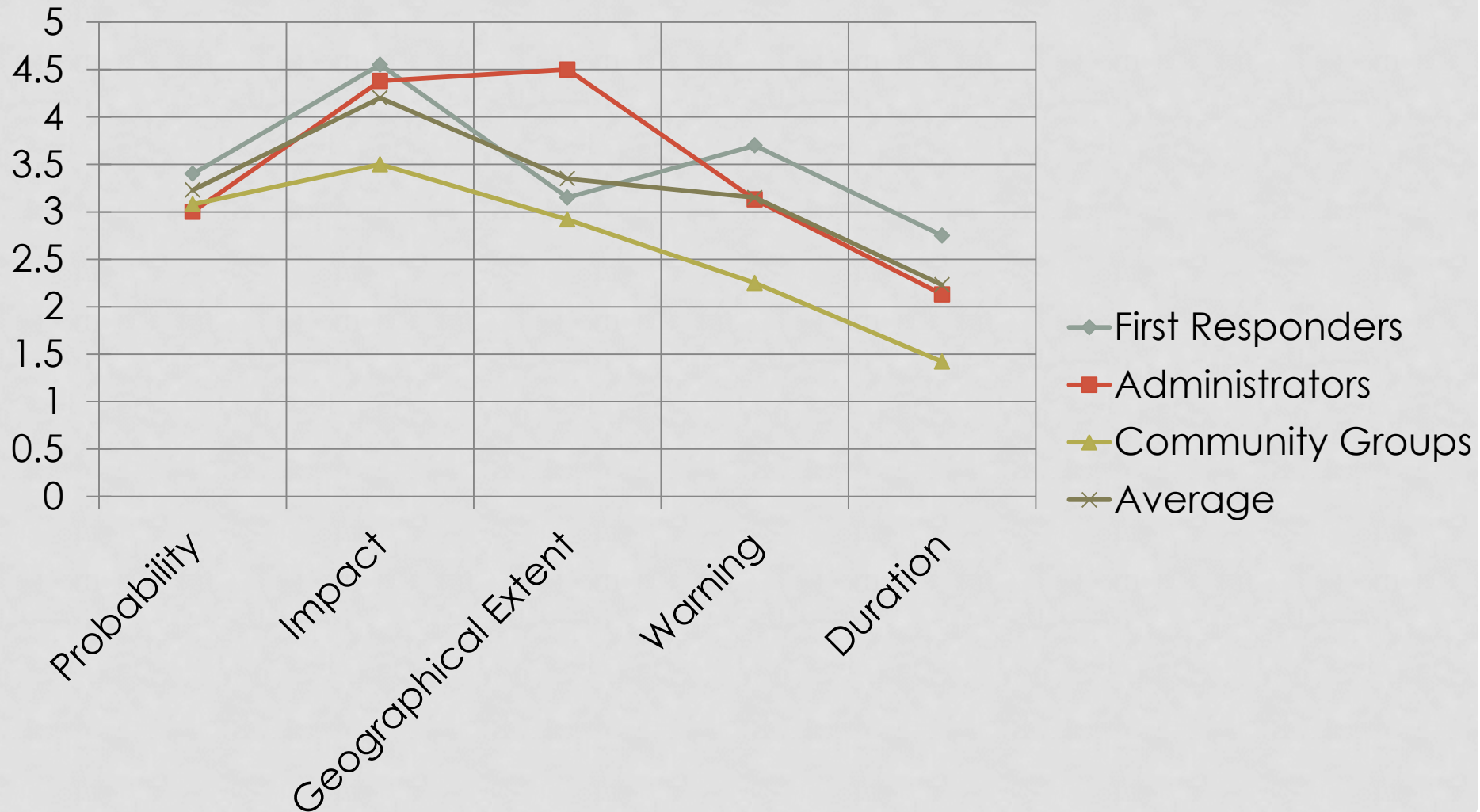
SEVERE WINTER WEATHER



SEVERE WINTER WEATHER

Component	Community Average	RF Rating
Probability	2.3	.69
Impact	2.7	.81
Geographical Extent	4.1	.82
Warning Time	1.7	.17
Duration	3.8	.38
Risk Factor		2.87

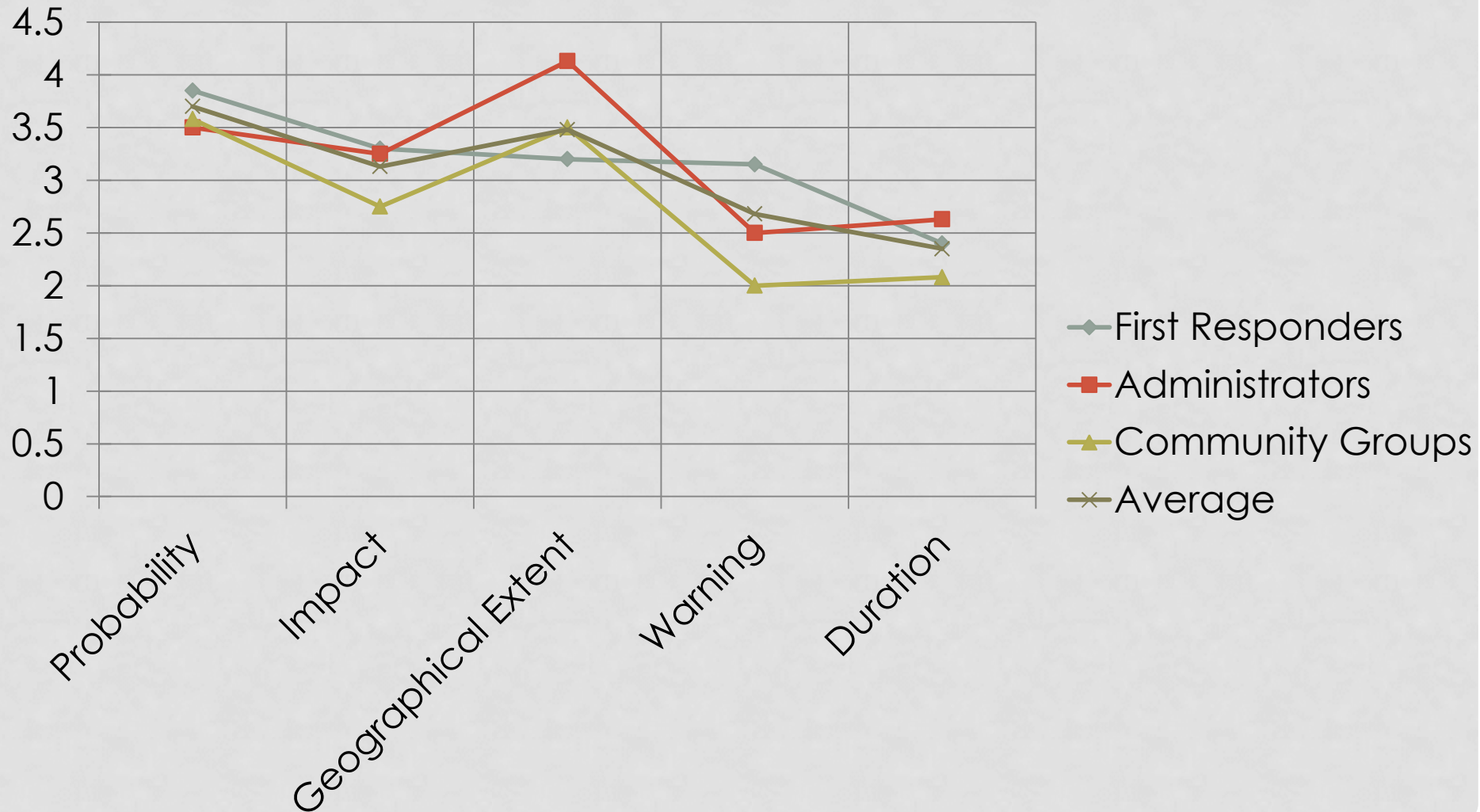
TORNADOES



TORNADOES

Component	Community Average	RF Rating
Probability	3.2	.96
Impact	4.2	1.26
Geographical Extent	3.4	.68
Warning Time	3.2	.32
Duration	2.2	.22
Risk Factor		3.44

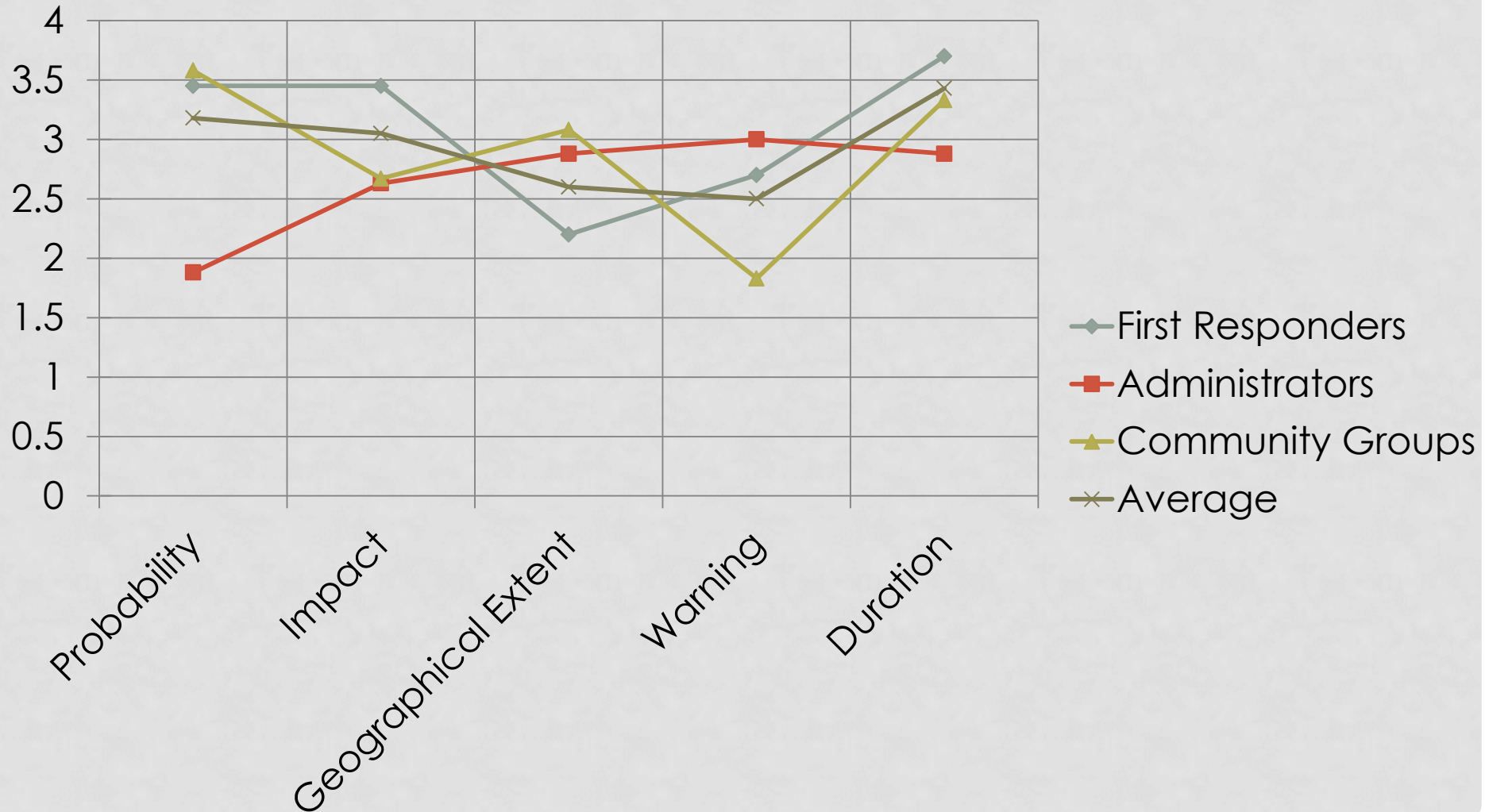
SEVERE SUMMMER WEATHER



SEVERE SUMMMER WEATHER

Component	Community Average	RF Rating
Probability	3.7	1.11
Impact	3.1	.93
Geographical Extent	3.5	.7
Warning Time	2.7	.27
Duration	2.4	.24
Risk Factor		3.25

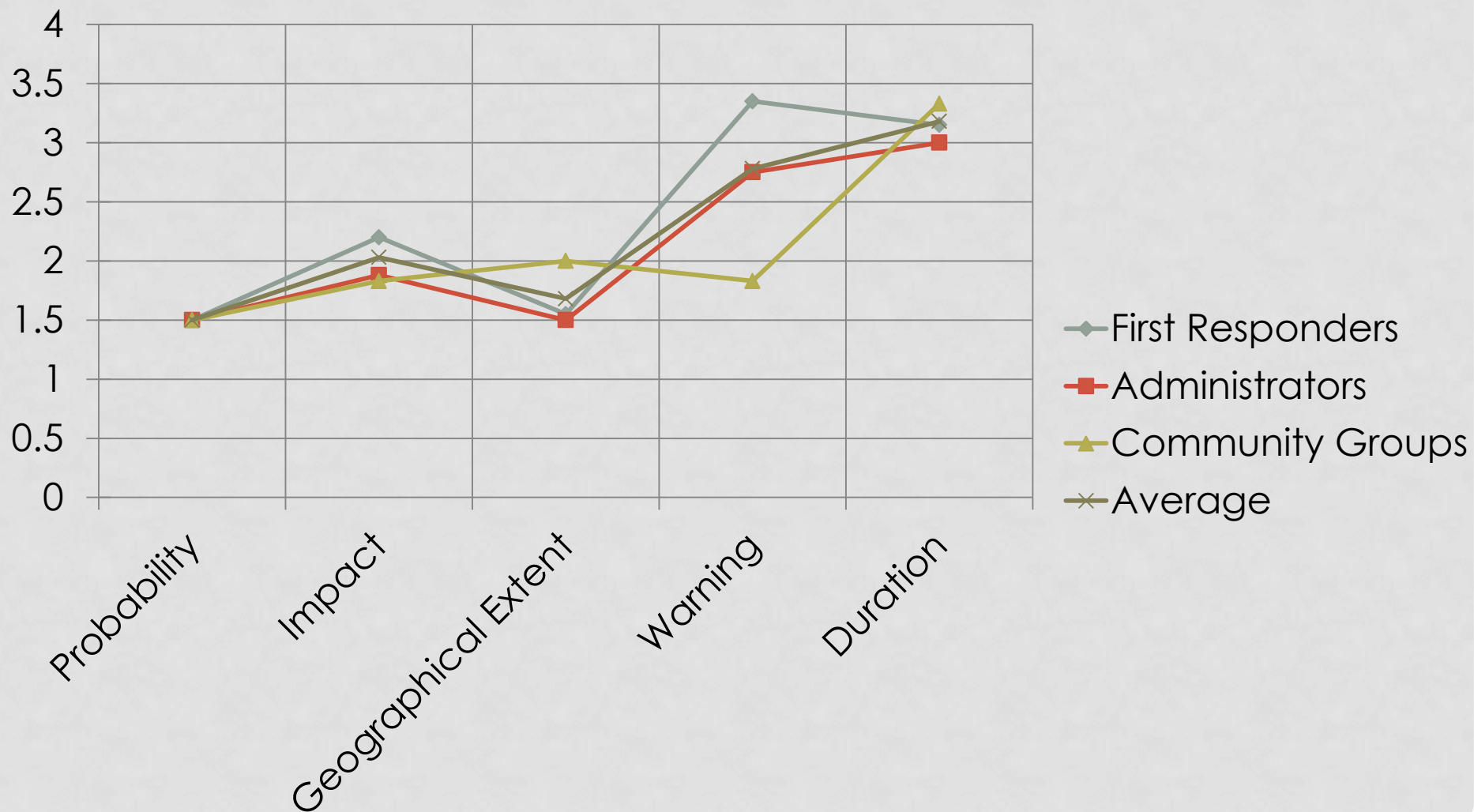
FLOODING



FLOODING

Component	Community Average	RF Rating
Probability	3.2	.96
Impact	3.1	.93
Geographical Extent	2.6	.52
Warning Time	2.5	.25
Duration	3.4	.34
Risk Factor		3.00

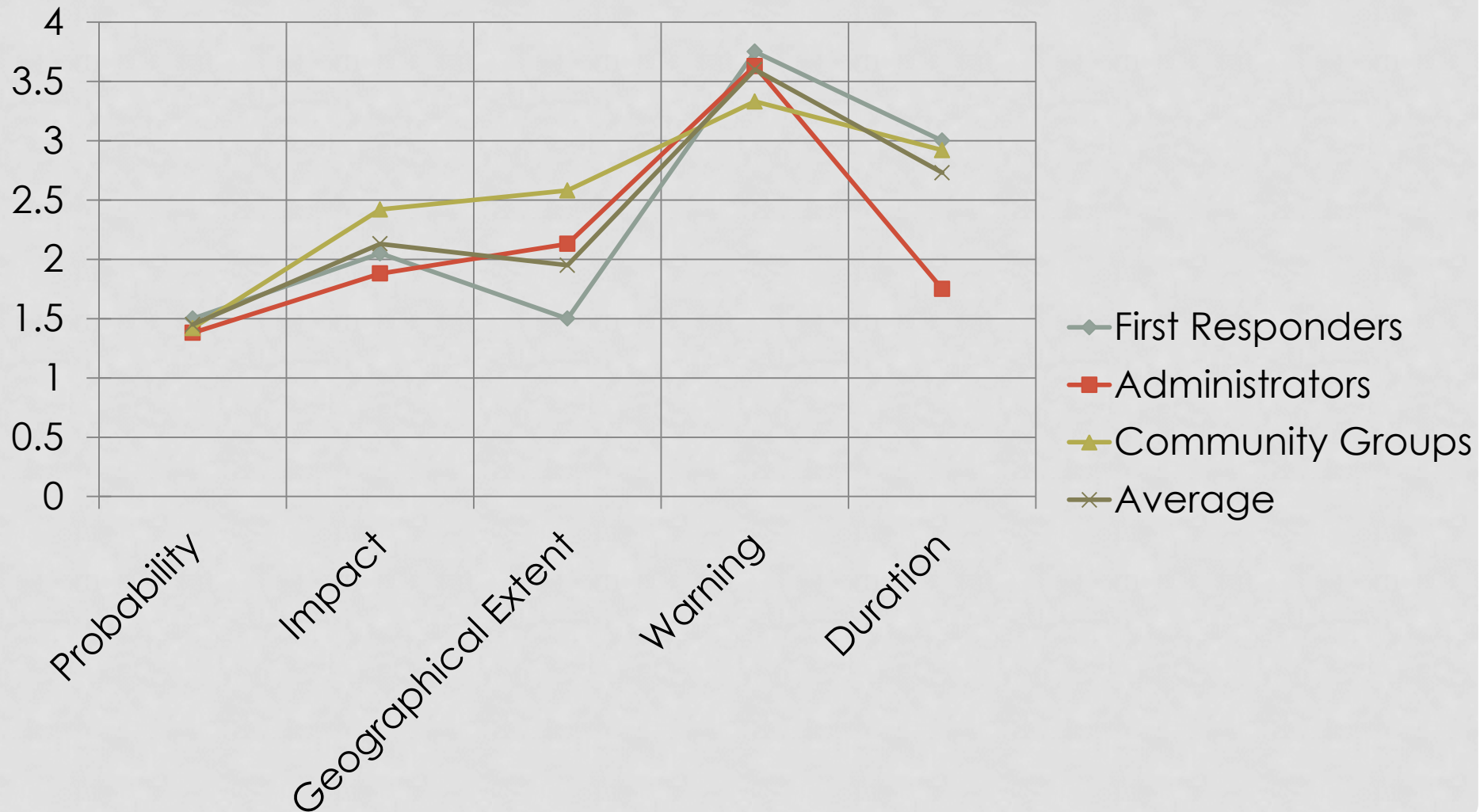
WILDFIRE



WILDFIRE

Component	Community Average	RF Rating
Probability	1.5	.45
Impact	2.0	.60
Geographical Extent	1.7	.34
Warning Time	2.8	.28
Duration	3.2	.32
Risk Factor		2.01

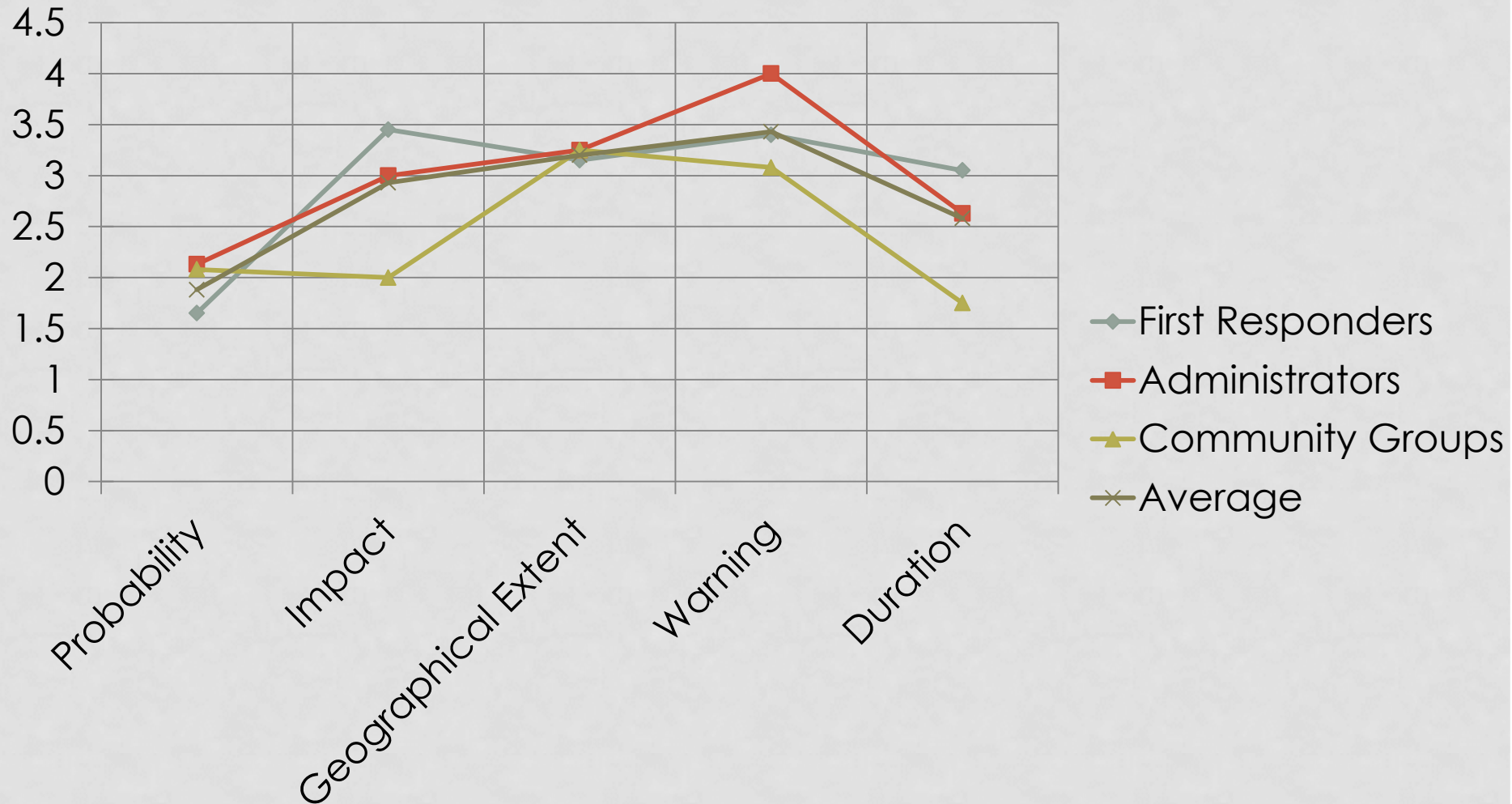
DAM FAILURES



DAM FAILURES

Component	Community Average	RF Rating
Probability	1.5	.45
Impact	2.1	.63
Geographical Extent	2.0	.40
Warning Time	3.6	.36
Duration	2.7	.27
Risk Factor		2.11

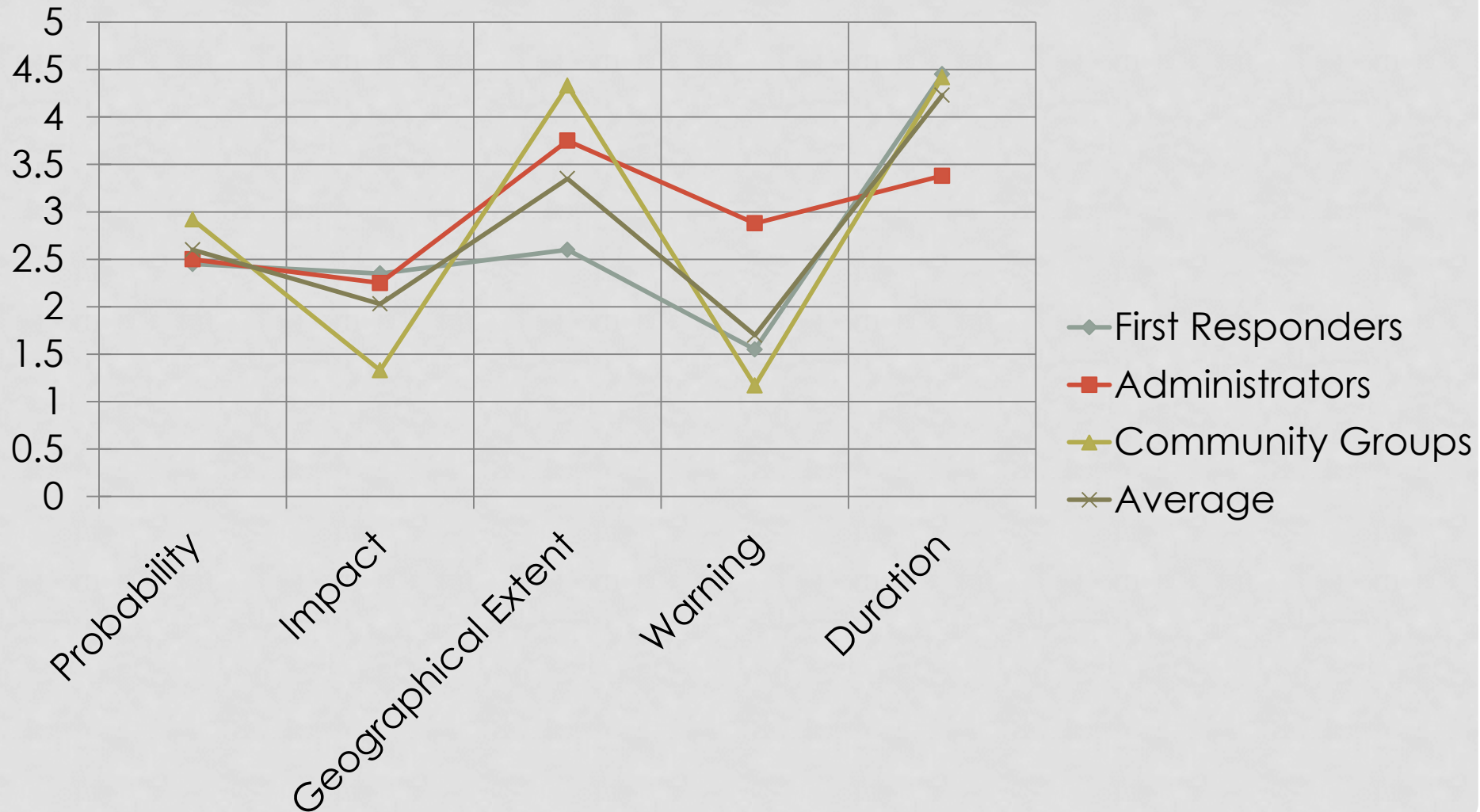
EARTHQUAKES



EARTHQUAKES

Component	Community Average	RF Rating
Probability	1.9	.57
Impact	2.9	.87
Geographical Extent	3.2	.64
Warning Time	3.4	.34
Duration	2.6	.26
Risk Factor		2.68

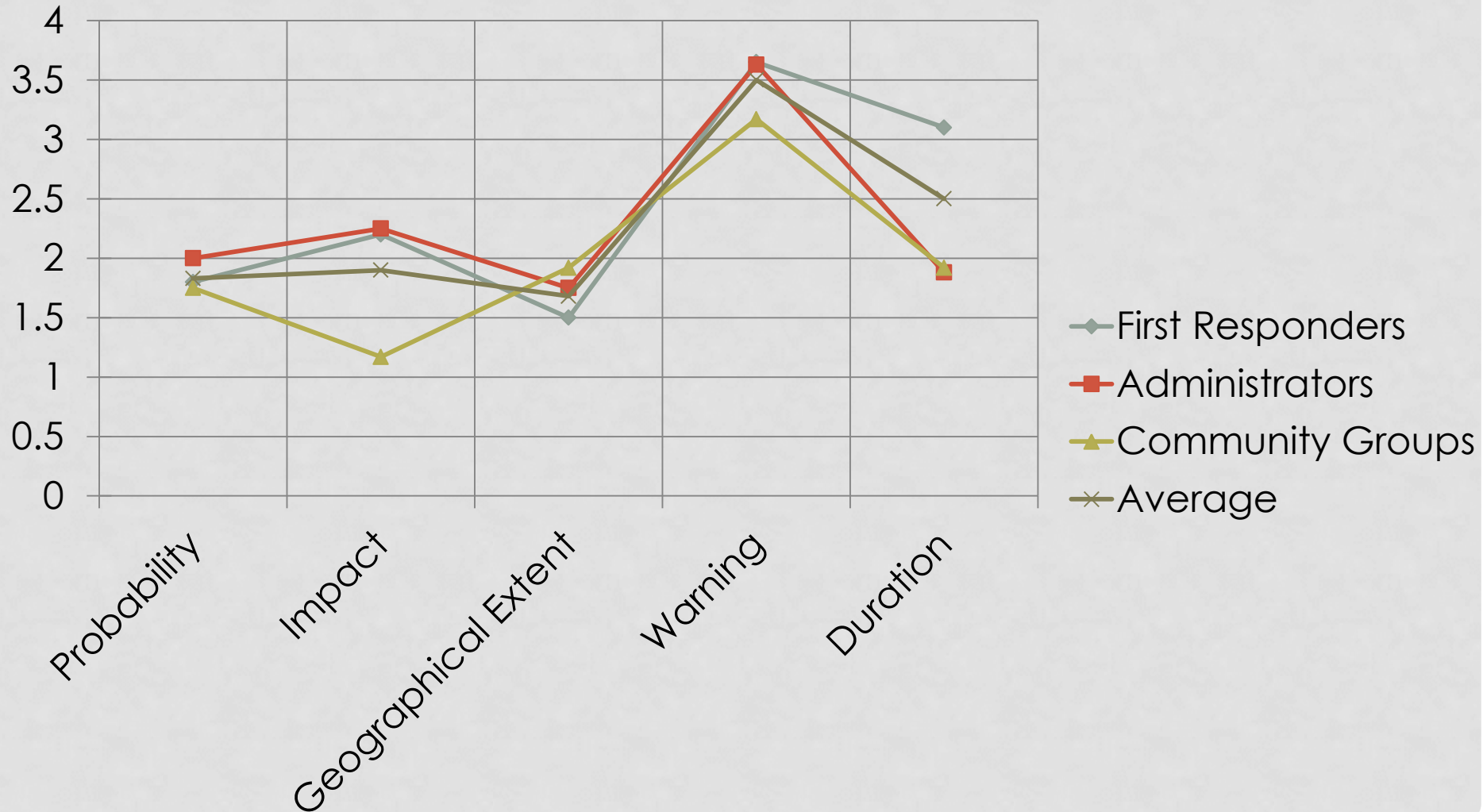
DROUGHT



DROUGHT

Component	Community Average	RF Rating
Probability	2.6	.78
Impact	2.0	.60
Geographical Extent	3.4	.68
Warning Time	1.7	.17
Duration	4.2	.42
Risk Factor		2.65

LAND SUBSIDENCE



LAND SUBSIDENCE

Component	Community Average	RF Rating
Probability	1.8	.54
Impact	1.9	.57
Geographical Extent	1.7	.34
Warning Time	3.5	.35
Duration	2.5	.25
Risk Factor		2.05

HIRA

Natural Hazards		
1	Tornadoes	3.44
2	Severe Summer Storms	3.25
3	Flooding	3.00
4	Heat Emergencies	2.91
5	Severe Winter Storms	2.87
6	Earthquakes	2.68
7	Drought	2.65
8	Land Subsidence	2.05
9	Wildfires	2.01
Technological Hazards		
1	Dam Failures	2.11

NEXT STEPS

- Mitigation Partners
 - Community Capability Surveys
 - Begin identifying possible mitigation actions / projects
- Butler County EMA
 - Public Notice of plan update
 - RFP development, approval and release
 - Contractor Selection
 - HAZUS Survey
 - Midterm Planning Meeting
 - Historical Research
 - Final Planning Conference
 - Public Notice
 - State and Federal Review

QUESTIONS?