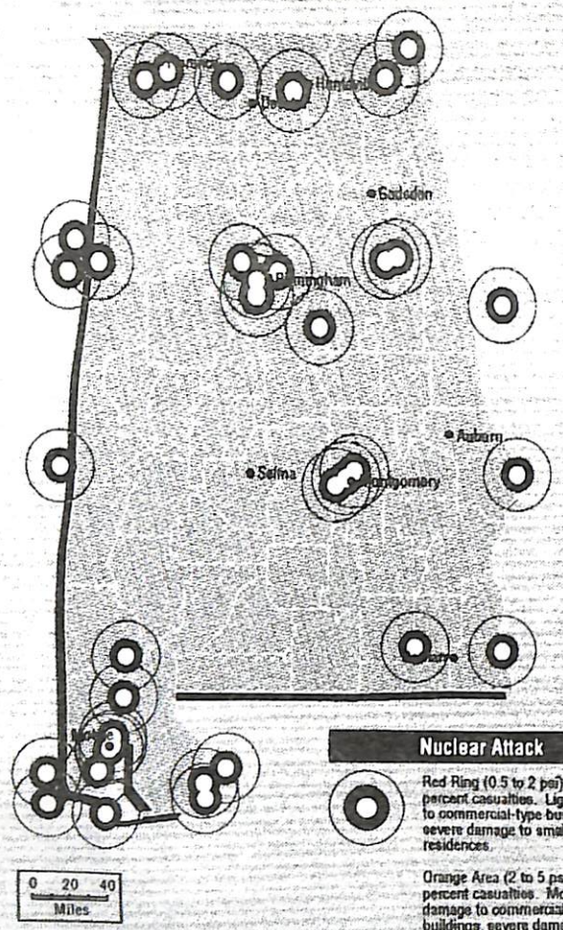
APPENDIX — STATE HAZARD MAPS

ALABAMA



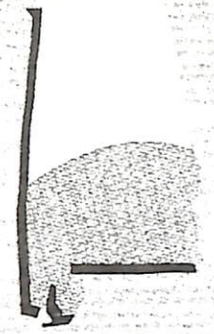
Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

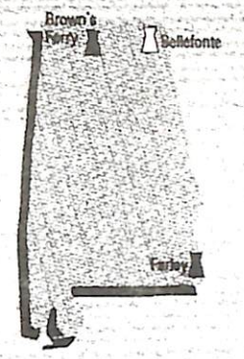
Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.



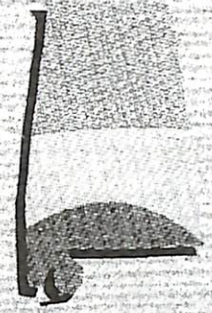
Earthquakes

- Low hazard
- Moderate hazard
- High hazard



Nuclear Power Plants

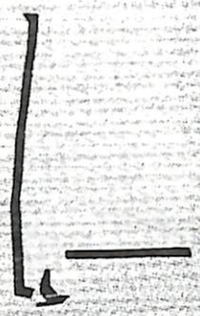
- Commercial nuclear power plants
- Plants without a full power license



Hurricanes

- 6-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period



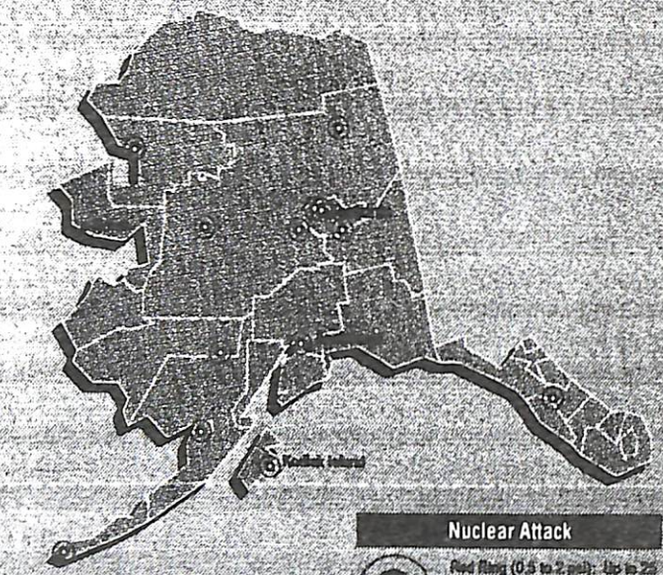
Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Floods Flooding is a potential hazard in areas throughout the state.

ALASKA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Early fatalities. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Snow and Extreme Cold

The entire state is subject to heavy snow, extreme cold and high winds. For more information, contact local authorities.

Tsunamis

Coastal Areas Advisorally exposed to Tsunami

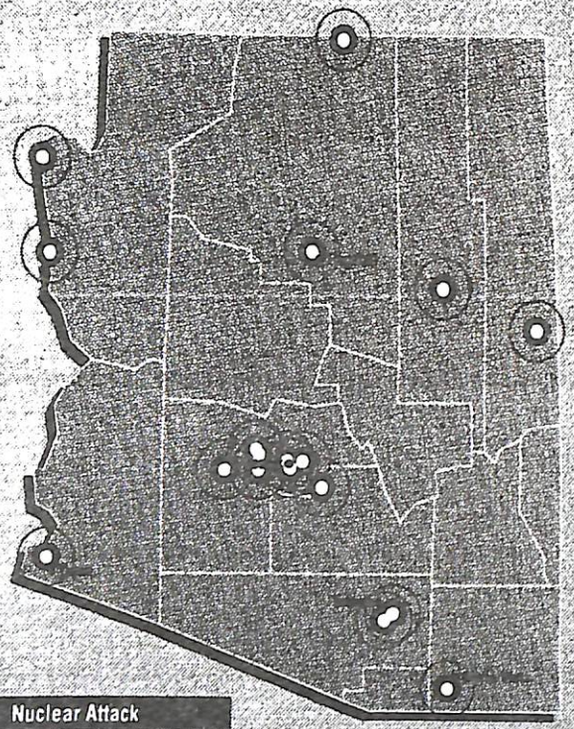
Volcanoes

- 1 erupted per 10,000 yrs
- 1 erupted per 1000 yrs
- 1 erupted per 100 yrs
- Volcanoes that have erupted since 1850

Fallout Fallout radiation is a potential hazard for all locations. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

ARIZONA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 50 100
Miles

Earthquakes

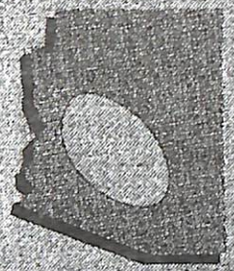
- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing



Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

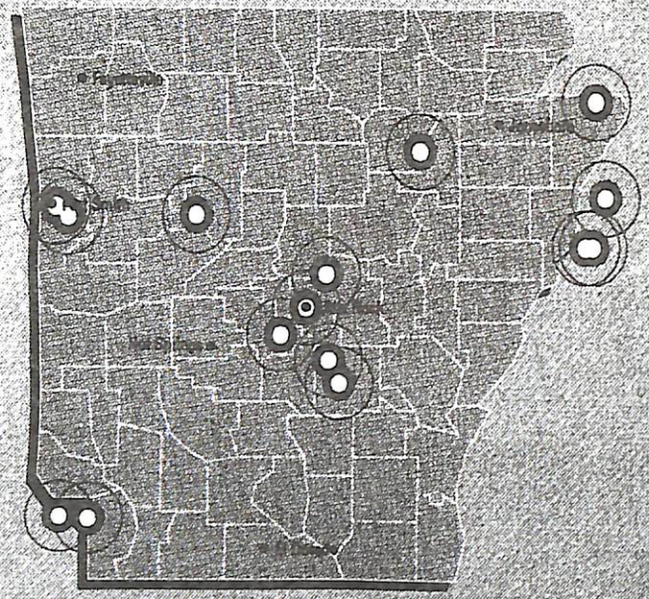
Volcanoes

- 1 eruption per 10,000 yrs.
- 1 eruption per 1000 yrs.
- 1 eruption per 200 yrs.

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

ARKANSAS



Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

- Commercial nuclear power plants

0 20 40 60 80
Miles

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Tornadoes

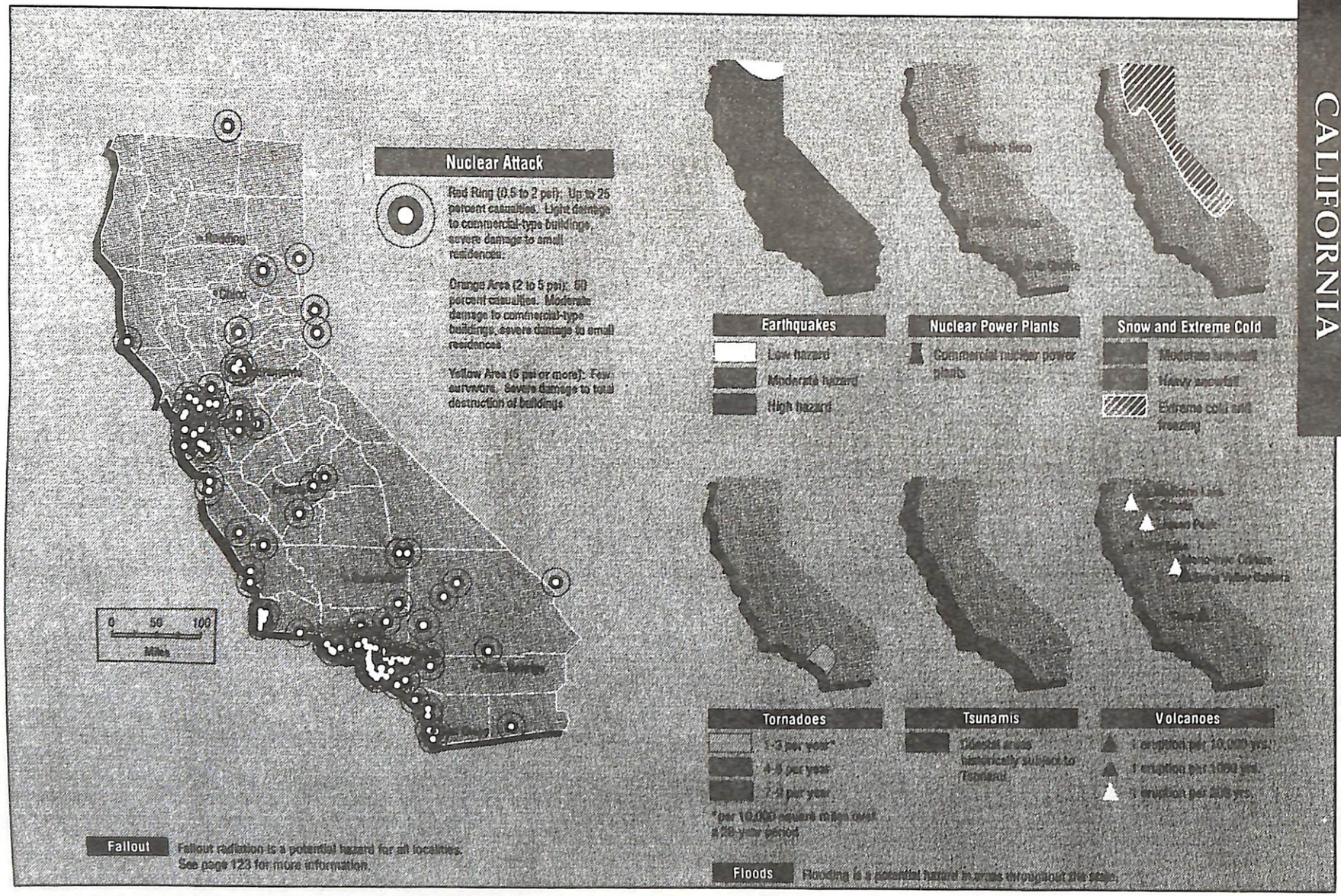
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period

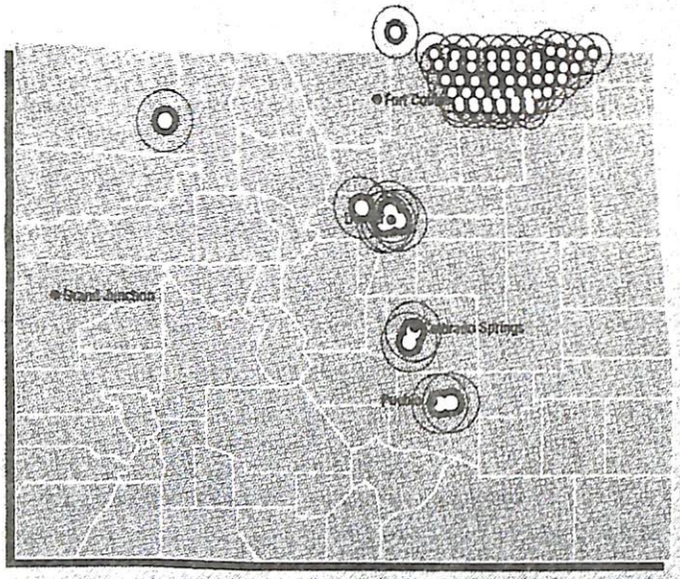
Fallout Fallout radiation is a potential hazard for all localities.
See page 129 for more information.

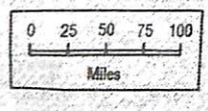
Floods Flooding is a potential hazard in areas throughout the state.

CALIFORNIA


Nuclear Attack
Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.
Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.
Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.
0 50 100
Miles
Earthquakes
Low hazard
Moderate hazard
High hazard
Nuclear Power Plants
Commercial nuclear power plants
Snow and Extreme Cold
Moderate snowfall
Heavy snowfall
Extreme cold and freezing
Tornadoes
1-3 per year*
4-6 per year
7-9 per year
*per 10,000 square miles over a 20-year period
Tsunamis
Coastal areas historically subject to tsunami
Volcanoes
1 eruption per 10,000 yrs.
1 eruption per 1000 yrs.
1 eruption per 200 yrs.
Fallout
Fallout radiation is a potential hazard for all localities.
See page 123 for more information.
Floods
Flooding is a potential hazard in areas throughout the state.

COLORADO





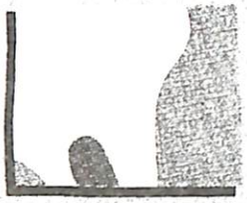
Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

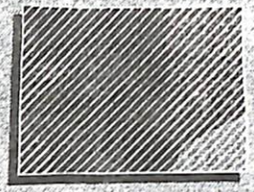


Earthquakes

- Low hazard
- Moderate hazard
- High hazard

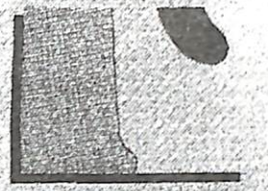
Nuclear Power Plants

Commercial nuclear power plants



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing



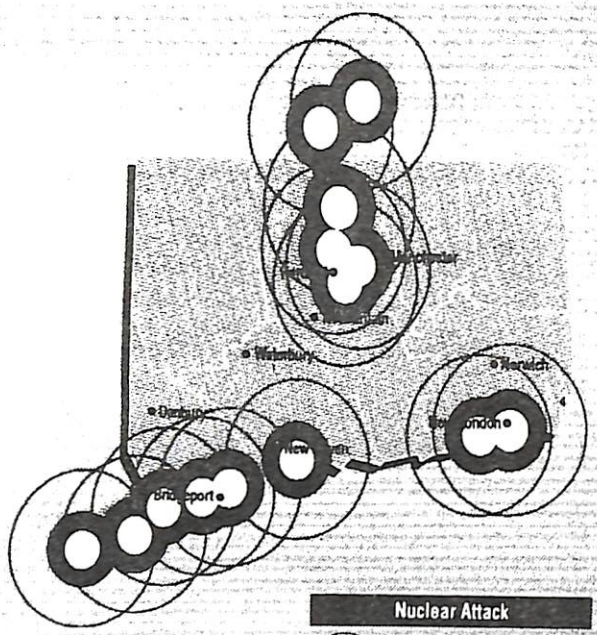
Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 26-year period

Floods Flooding is a potential hazard in areas throughout the state.

CONNECTICUT



Nuclear Attack

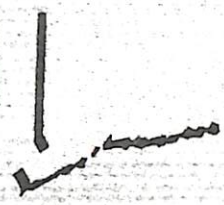
Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard



Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

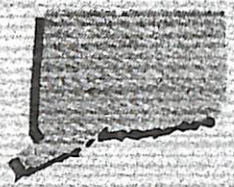
*Occurrences of destruction over a 50-year period

Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing



Tornadoes

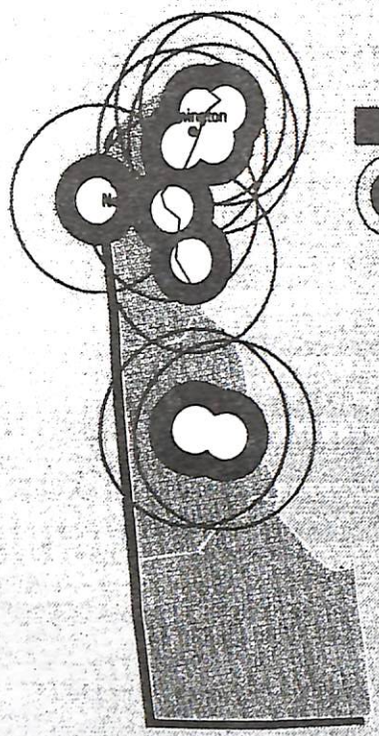
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

DELAWARE



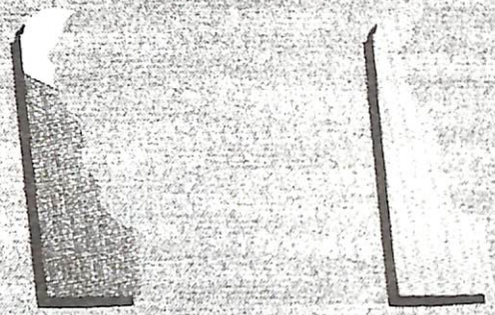
Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 5 10 15 20
Miles



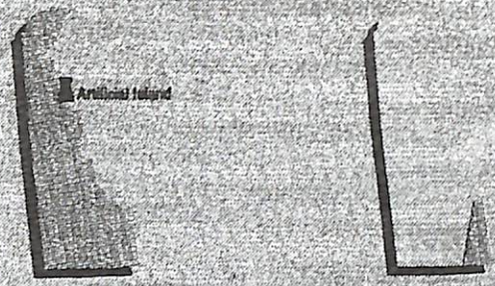
Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period



Nuclear Power Plants

Commercial nuclear power plants

Tornadoes

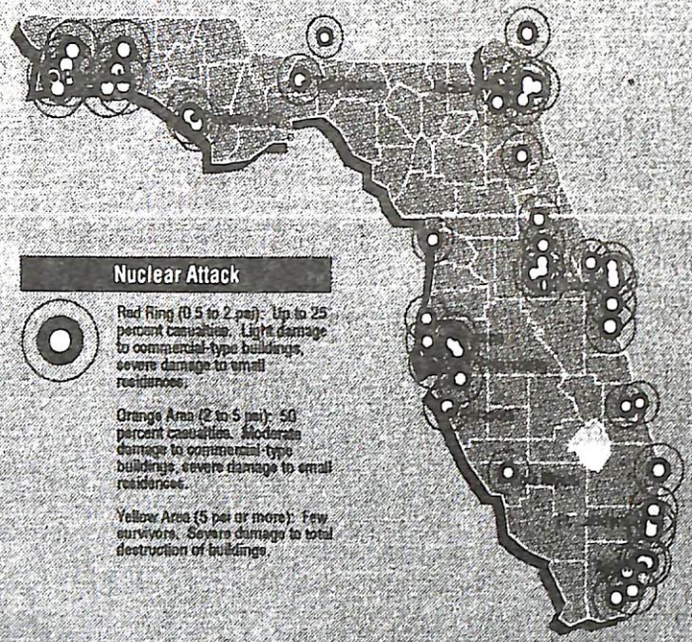
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 25-year period

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

FLORIDA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 30 60 90 120 150

Miles

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Tornadoes

- 1-3 per year*
- 4-6 per year
- 7+ per year

*per 10,000 square miles over a 20-year period

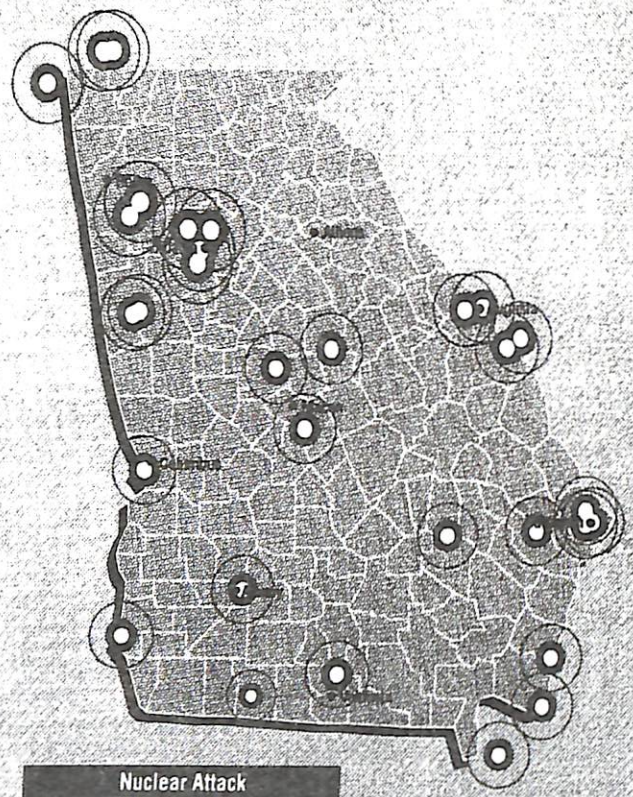
Nuclear Power Plants

Commercial nuclear power plants

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

GEORGIA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

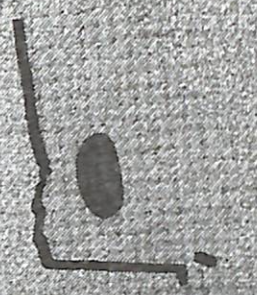
Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants

Commercial nuclear power plants



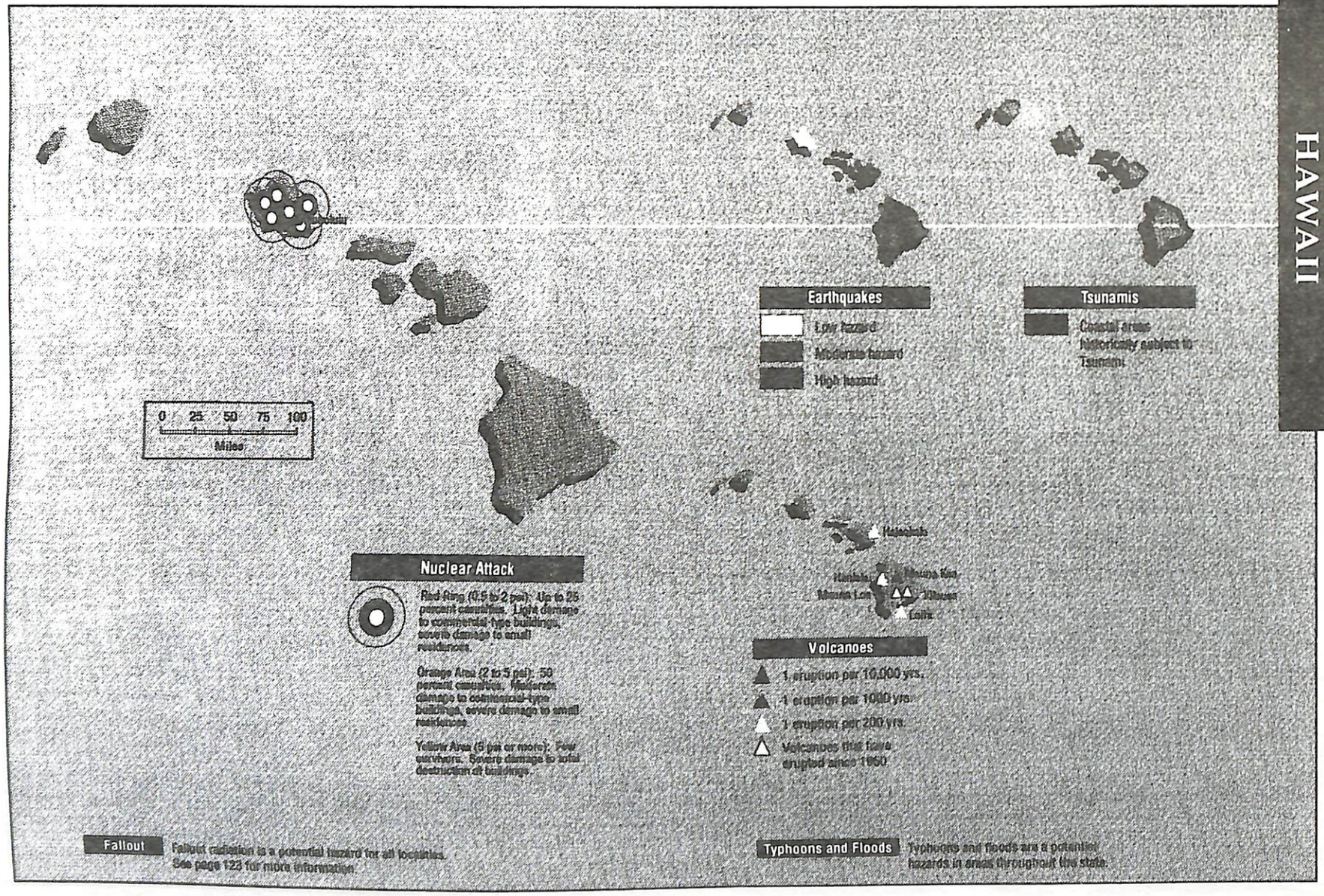
Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

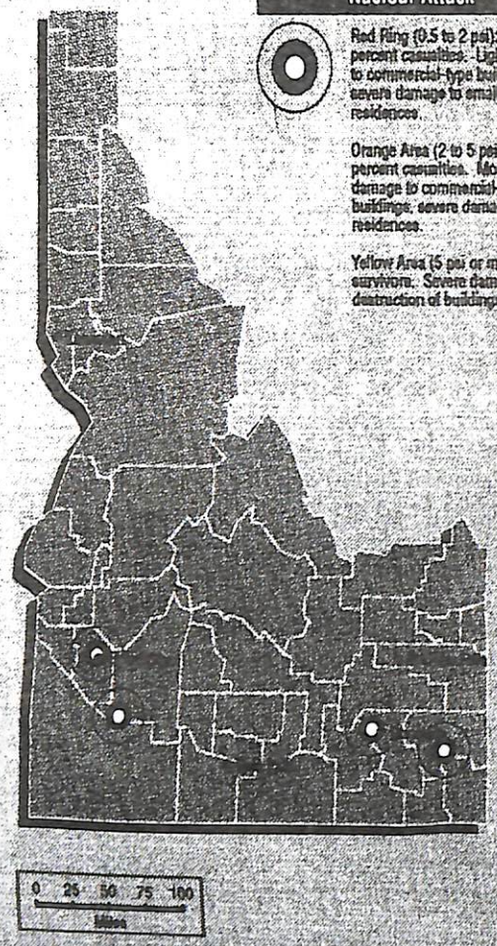
*per 10,000 square miles over a 26-year period

Floods Flooding is a potential hazard in areas throughout the state.

HAWAII


0 25 50 75 100
Miles
Earthquakes
Low hazard
Moderate hazard
High hazard
Tsunamis
Coastal areas historically subject to Tsunami.
Nuclear Attack
Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.
Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.
Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.
Hualalai
Haleakala
Mauna Loa
Mauna Kea
Kilauea
Loihi
Volcanoes
1 eruption per 10,000 yrs.
1 eruption per 1000 yrs.
1 eruption per 200 yrs.
Volcanoes that have erupted since 1950.
Fallout
Fallout radiation is a potential hazard for all localities.
See page 123 for more information.
Typhoons and Floods
Typhoons and floods are a potential hazards in areas throughout the state.

IDAHO



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

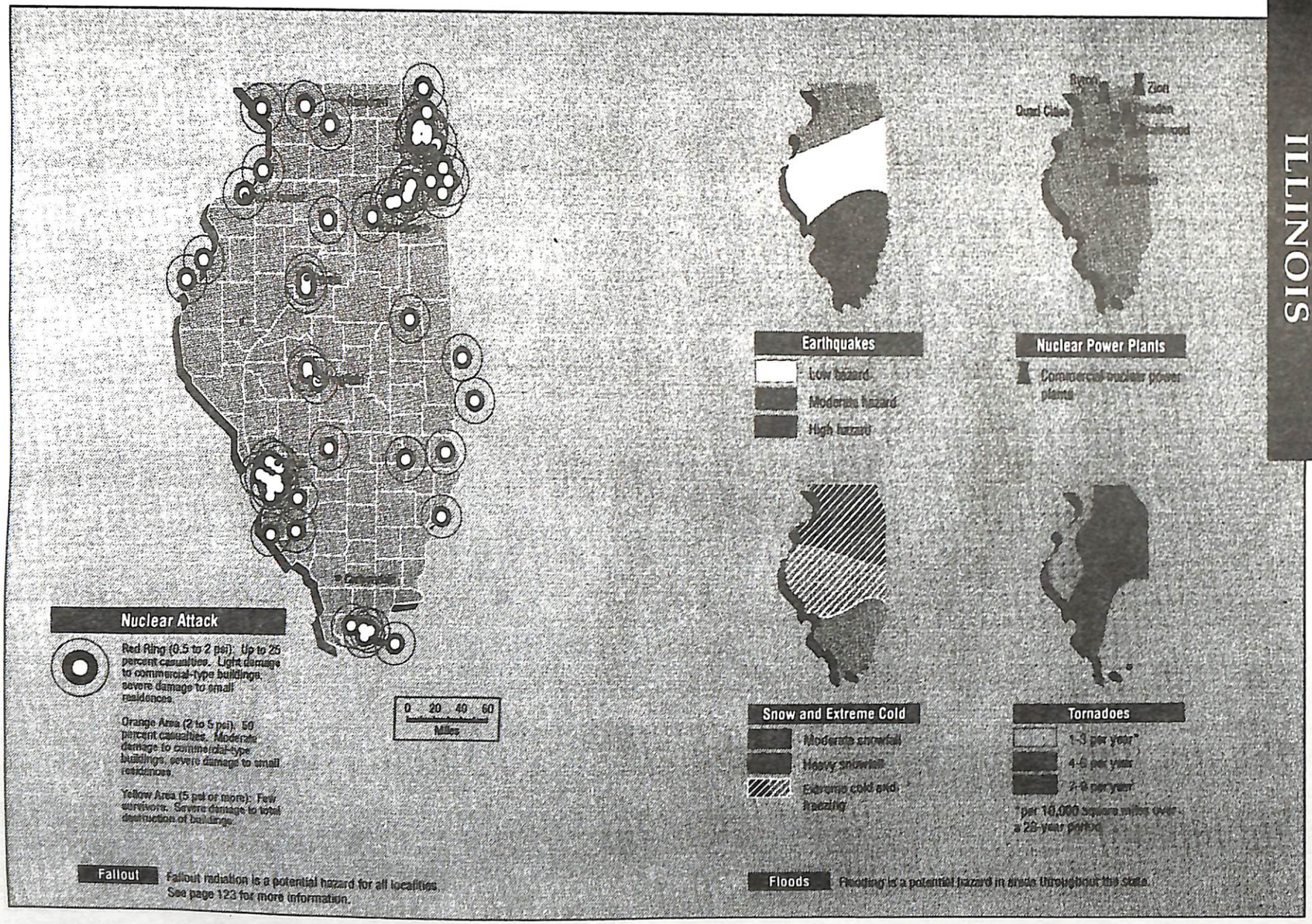
Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

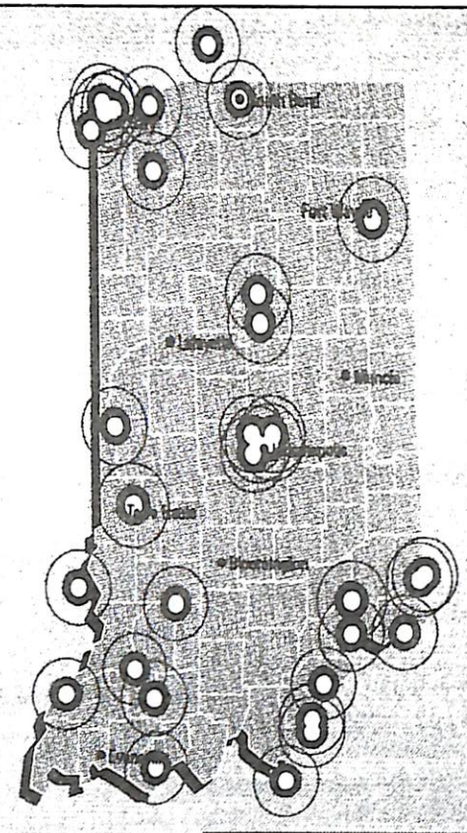
Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

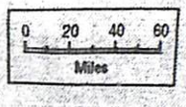
Floods Flooding is a potential hazard in areas throughout the state.

ILLINOIS


Nuclear Attack
Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.
Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.
Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.
0 20 40 60
Miles
Fallout
Fallout radiation is a potential hazard for all localities.
See page 123 for more information.
Earthquakes
Low hazard
Moderate hazard
High hazard
Nuclear Power Plants
Commercial nuclear power plants
Zion
Quad Cities
Snow and Extreme Cold
Moderate snowfall
Heavy snowfall
Extreme cold and freezing
Tornadoes
1-3 per year*
4-6 per year
7-9 per year
*per 10,000 square miles over a 25-year period
Floods
Flooding is a potential hazard in areas throughout the state.

INDIANA





Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

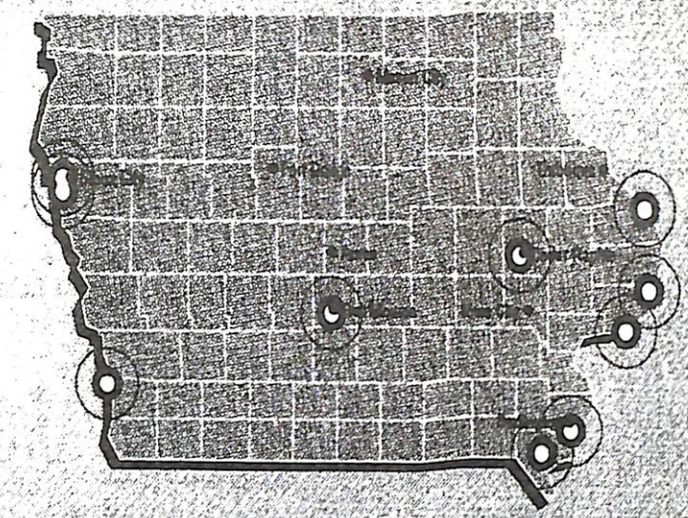
Tornadoes

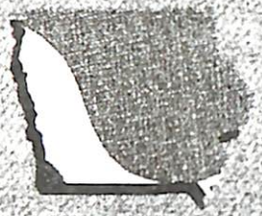
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Floods Flooding is a potential hazard in areas throughout the state.

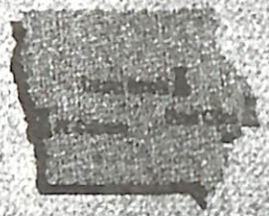
IOWA





Earthquakes

- Low hazard
- Moderate hazard
- High hazard



Nuclear Power Plants

- Commercial nuclear power plants

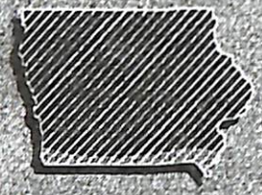
0 25 50 75 100
Miles

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

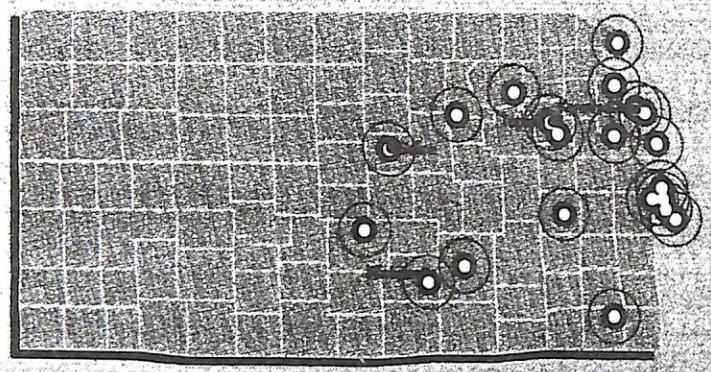
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period.

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

KANSAS



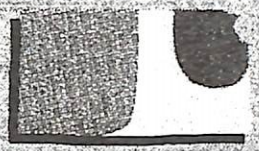
0 25 50 75 100
Miles

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.



Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

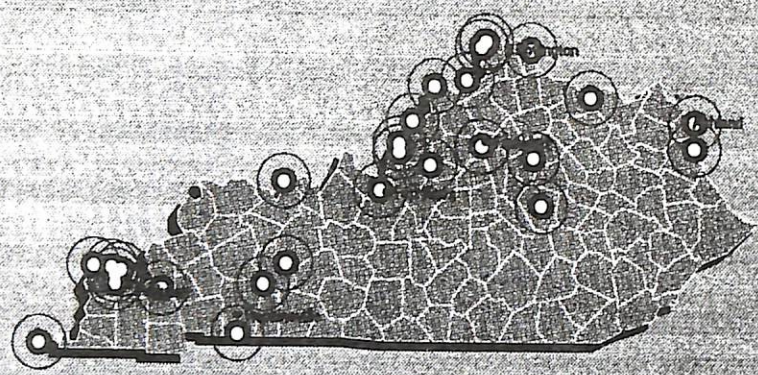
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

KENTUCKY



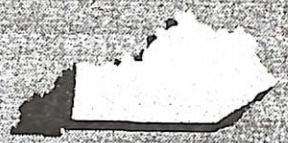
0 20 40 60 80
Miles

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.



Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

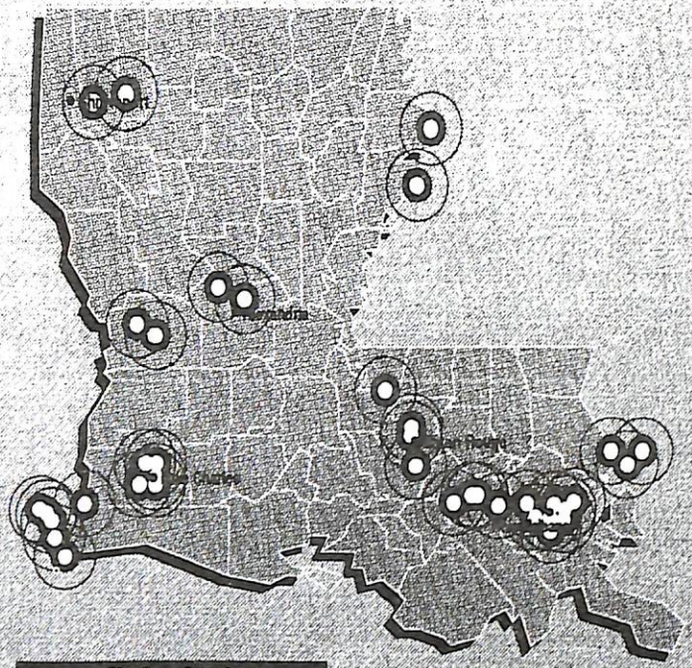
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

LOUISIANA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

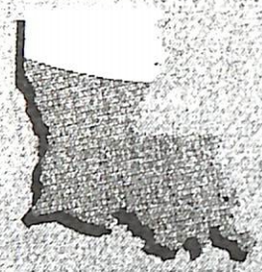
Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 20 40 60 80 100
Miles

Fallout

Fallout radiation is a potential hazard for all localities.
See page 123 for more information.



Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants

Commercial nuclear power plants

Tornadoes

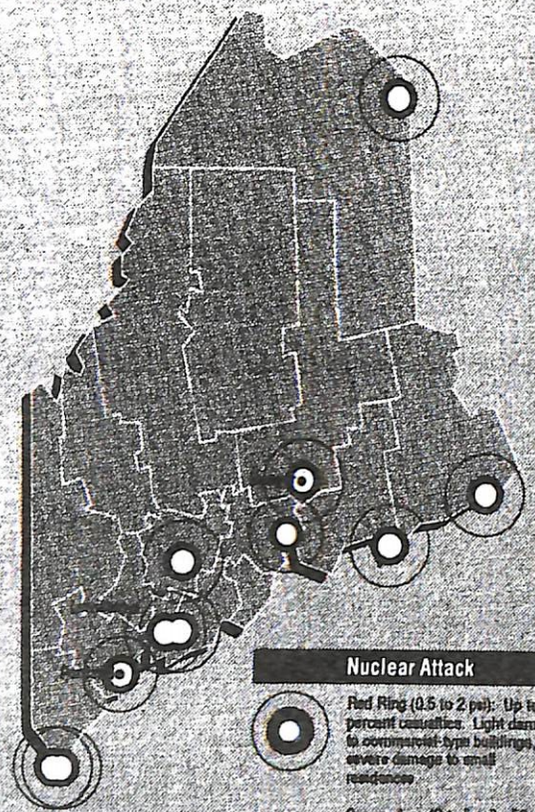
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 25-year period

Floods

Flooding is a potential hazard in areas throughout the state.

MAINE



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

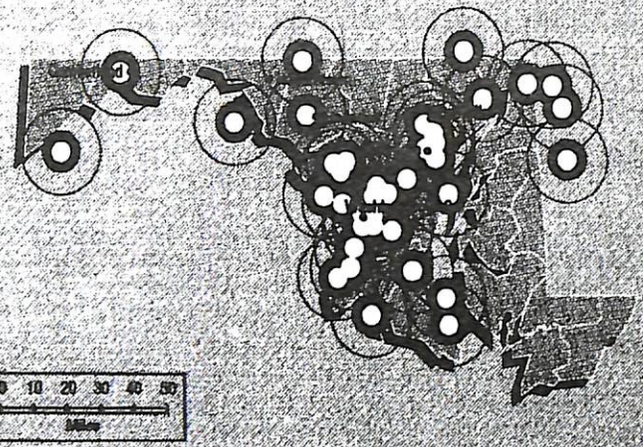
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

MARYLAND



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrence of destruction over a 50-year period

Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

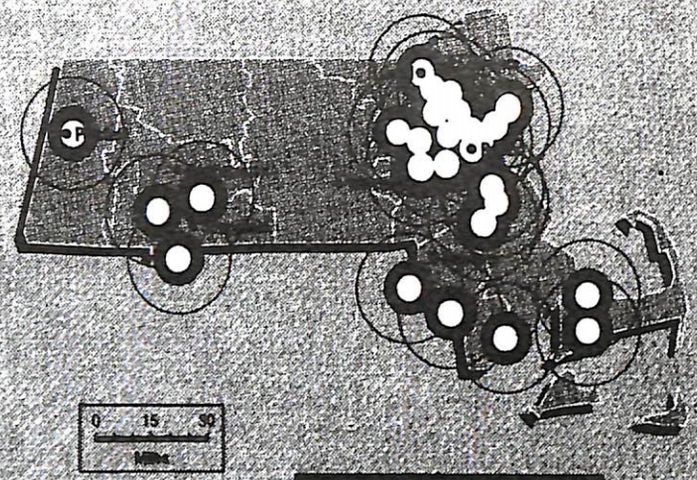
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

MASSACHUSETTS



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destructive over a 50-year period

Nuclear Power Plants

- Commercial nuclear power plants
- Plants without a full power license

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

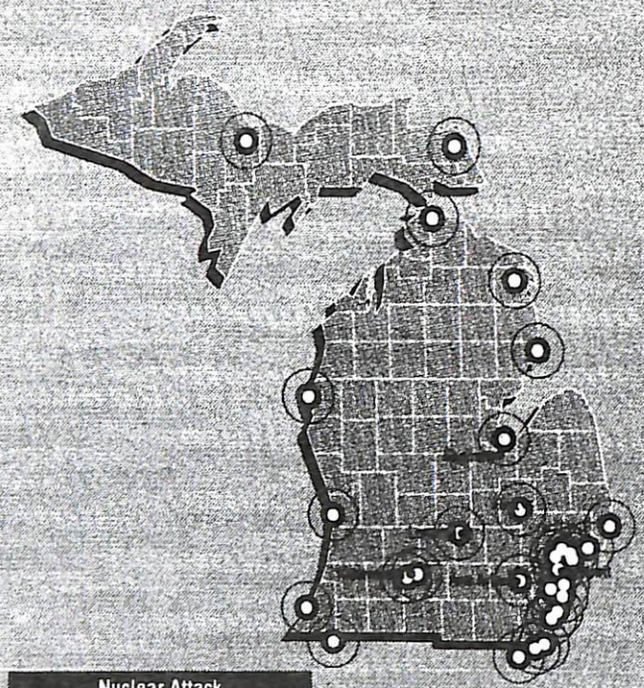
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

MICHIGAN



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 20 40 60 80 100
Miles

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

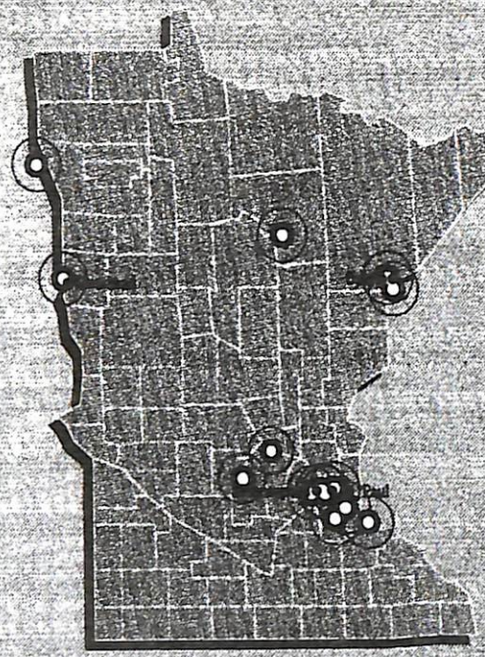
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles per a 20-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

MINNESOTA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Nuclear Power Plants

Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

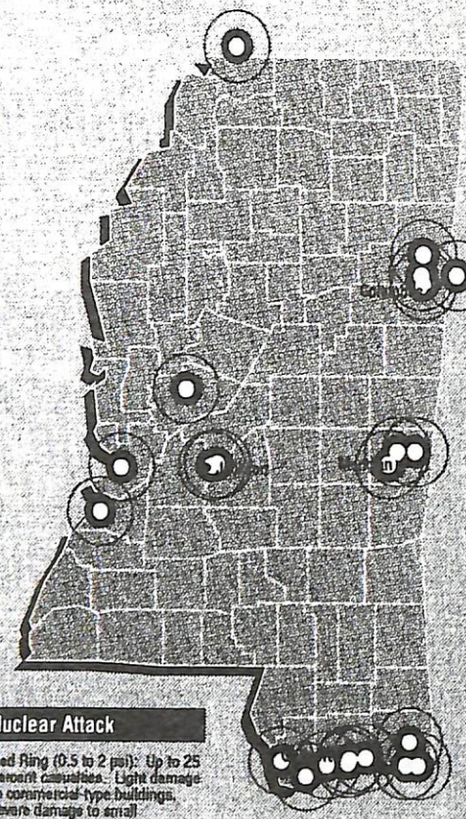
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

MISSISSIPPI



Nuclear Attack

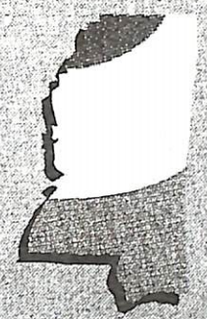
Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 20 40 60
Miles

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.



Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants

- Commercial nuclear power plants

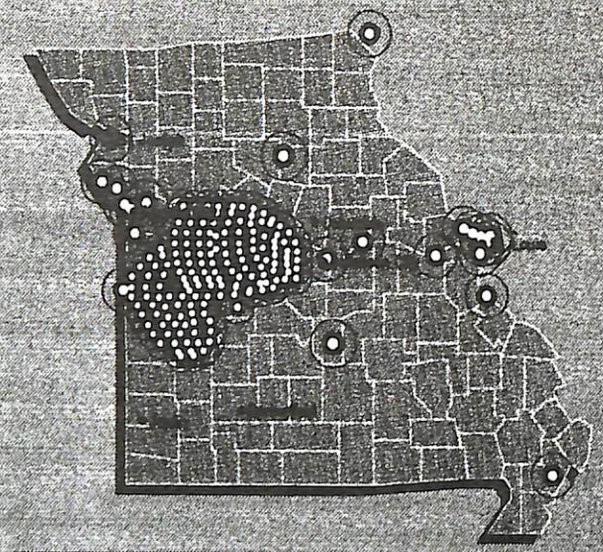
Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 23-year period.

Floods Flooding is a potential hazard in areas throughout the state.

MISSOURI



0 20 40 60 80
Miles

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

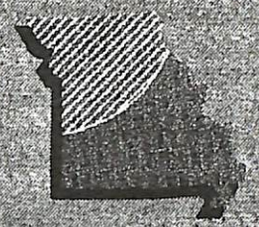
Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

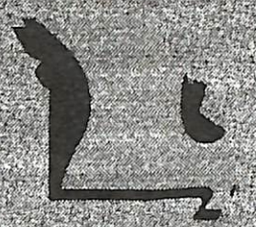
Nuclear Power Plants

- Commercial nuclear power plants



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing



Tornadoes

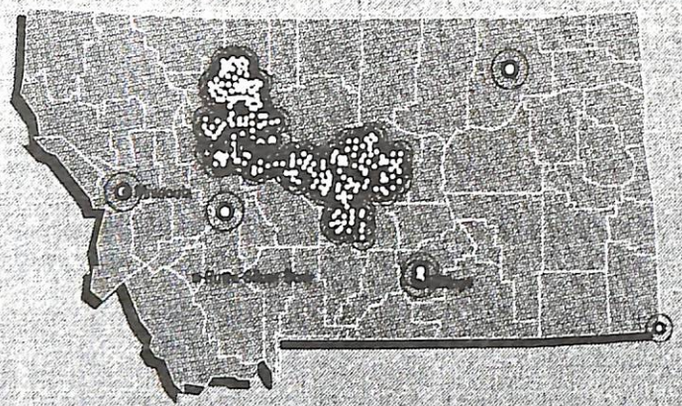
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

MONTANA



0 50 100
Miles

Nuclear Attack

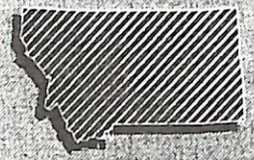
Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

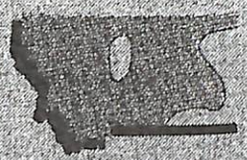
Earthquakes

- Low hazard
- Moderate hazard
- High hazard



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing



Tornadoes

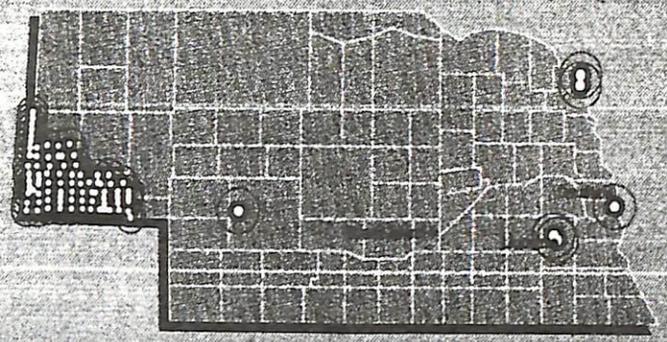
- 1-3 per year*
- 4-6 per year
- 7-9 per year

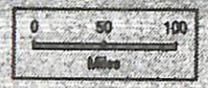
*per 10,000 square miles over a 20 year period

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

NEBRASKA





Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

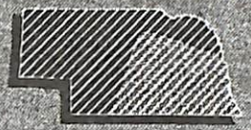
- Commercial nuclear power plants

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 20 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

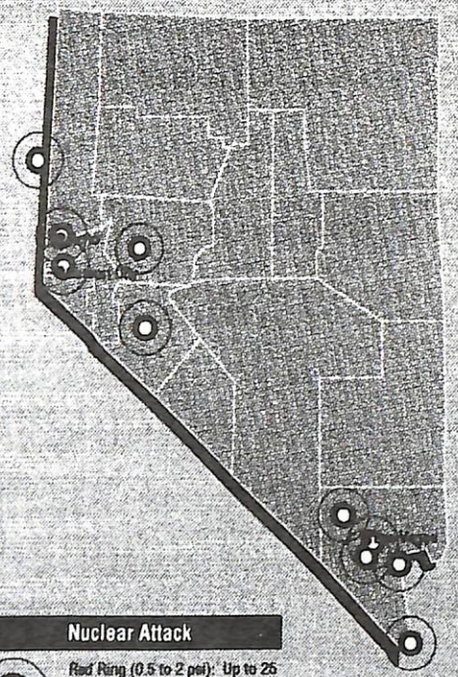
- 1-3 per year*
- 4-6 per year
- 7-9 per year

* per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

NEVADA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

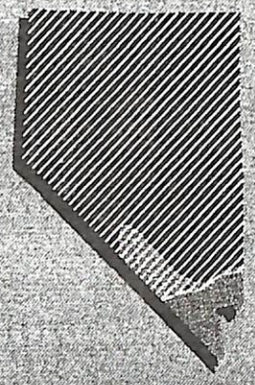
Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 25 50 75 100
Miles

Earthquakes

- Low hazard
- Moderate hazard
- High hazard



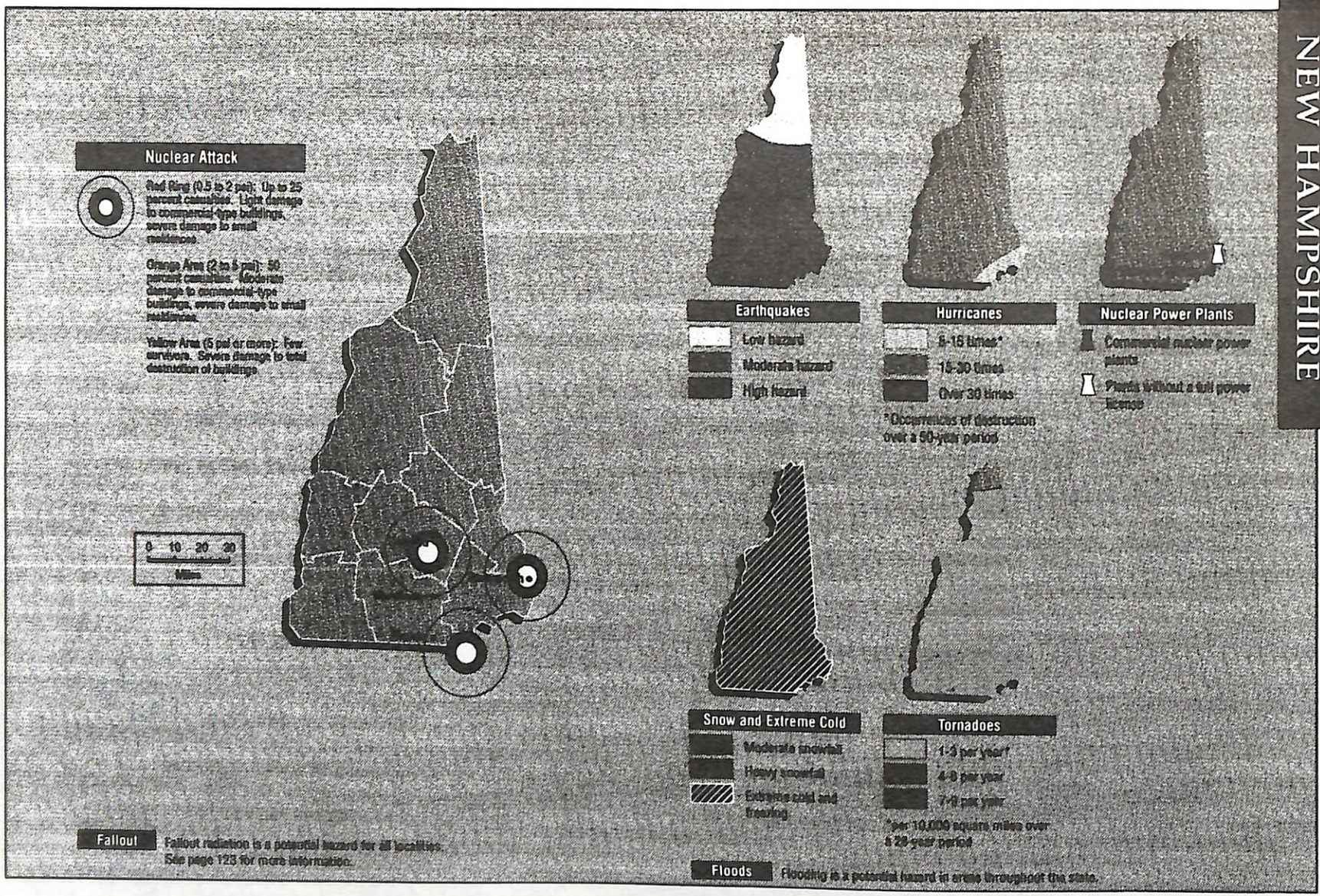
Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

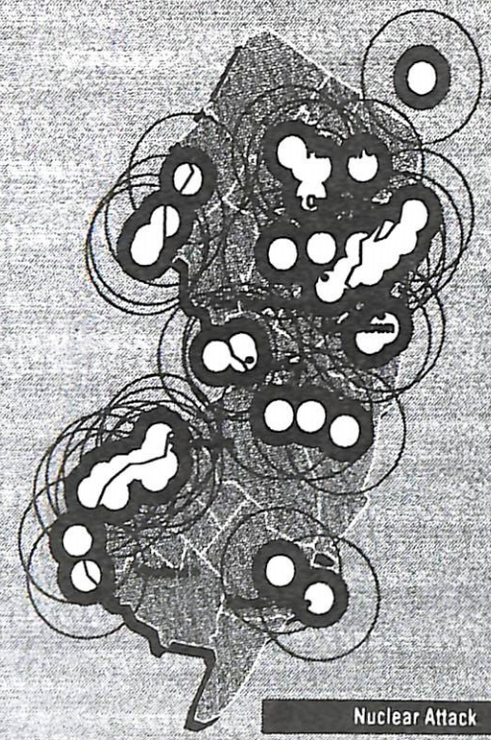
Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

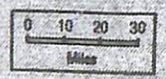
Floods Flooding is a potential hazard in areas throughout the state.

NEW HAMPSHIRE



NEW JERSEY





Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

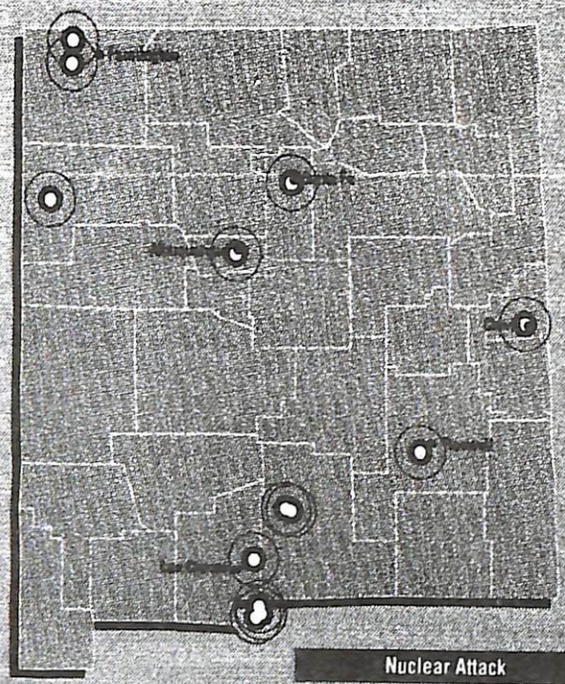
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 10-year period

Floods Flooding is a potential hazard in areas throughout the state.

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

NEW MEXICO



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

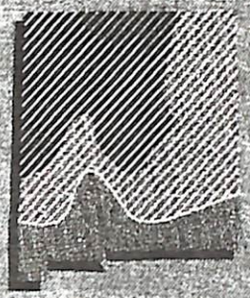
Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 25 50 75 100
Miles

Earthquakes

- Low hazard
- Moderate hazard
- High hazard



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 25-year period

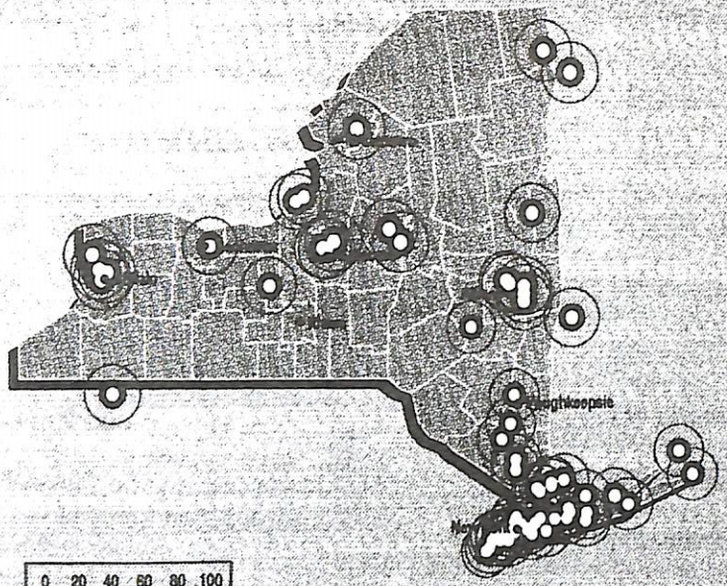
Volcanoes

- 1 eruption per 10,000 yrs.
- 1 eruption per 1000 yrs.
- 1 eruption per 200 yrs.

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

NEW YORK

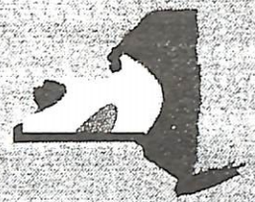


Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.



Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants

- Commercial nuclear power plants
- Plants without a full power license

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

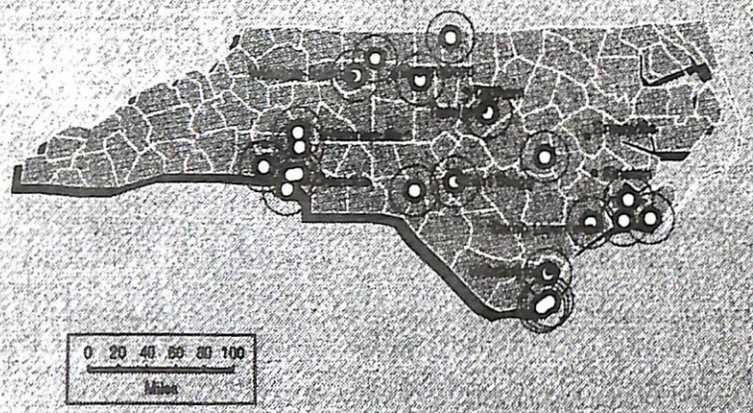
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

NORTH CAROLINA



Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes*

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants*

- Commercial nuclear power plants

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

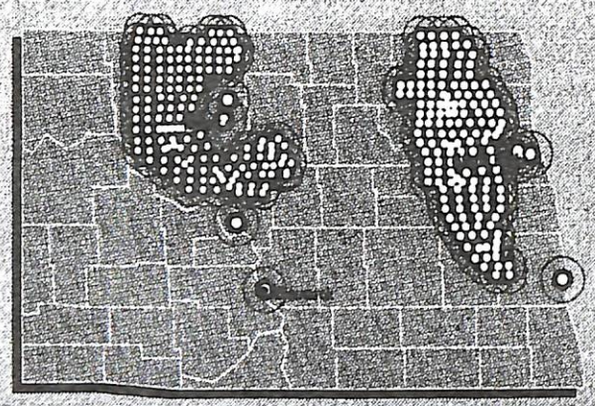
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

NORTH DAKOTA



0 50 100
Miles

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 26 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

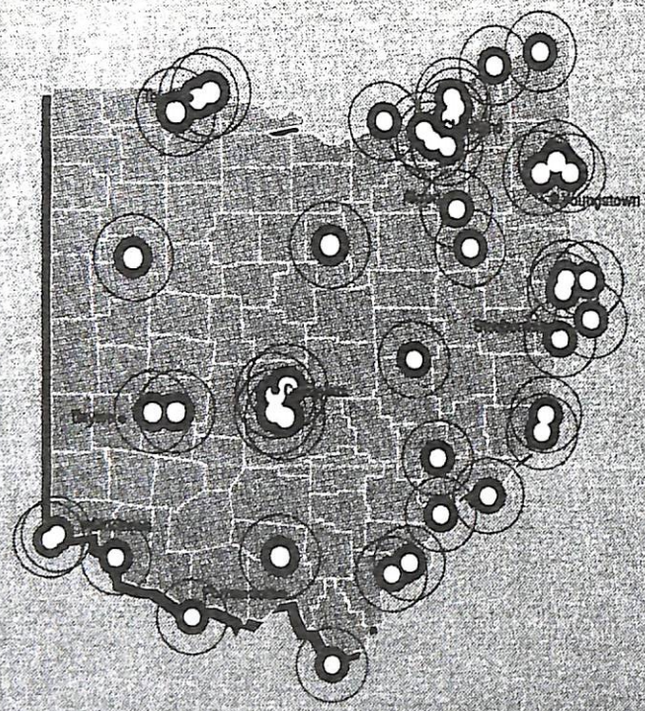
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period.

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

OHIO



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

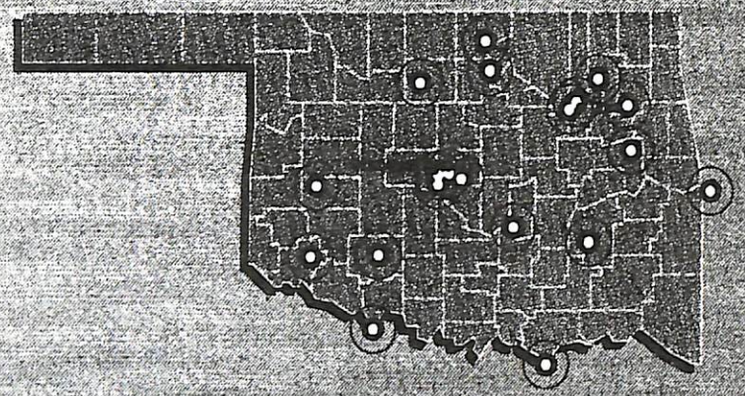
Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Floods Flooding is a potential hazard in areas throughout the state.

OKLAHOMA



Nuclear Attack

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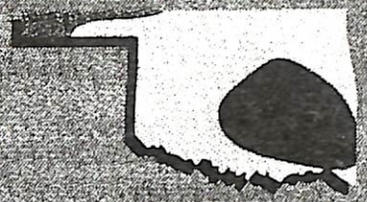
Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.



Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 25-year period

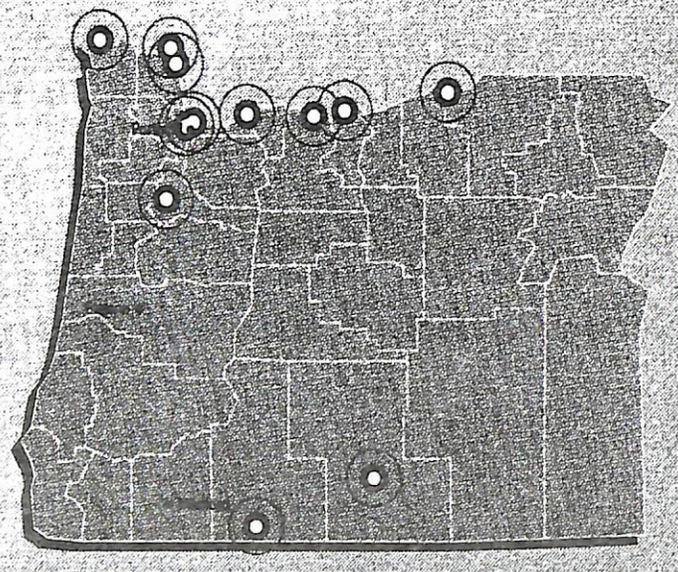
Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

OREGON



0 25 50 75 100
Miles

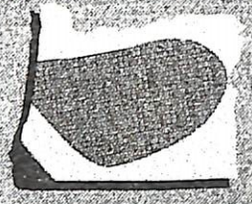
Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

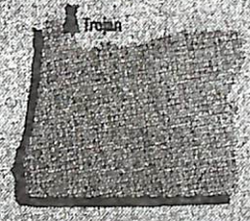
Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.



Earthquakes

- Low hazard
- Moderate hazard
- High hazard



Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tsunamis

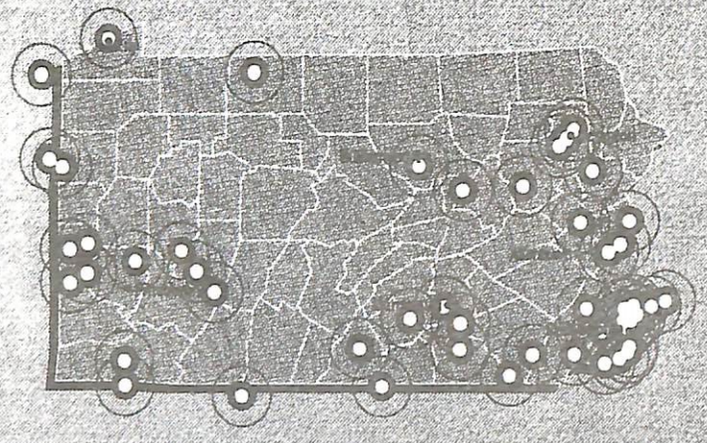
- Coastal areas historically subject to Tsunami

Volcanoes

- 1 eruption per 10,000 yrs.
- 1 eruption per 1000 yrs.
- 1 eruption per 200 yrs.

Floods Flooding is a potential hazard in areas throughout the state.

PENNSYLVANIA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

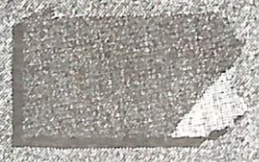
Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard



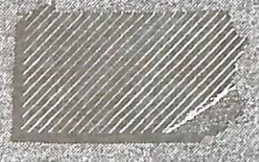
Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants

- Commercial nuclear power plants



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

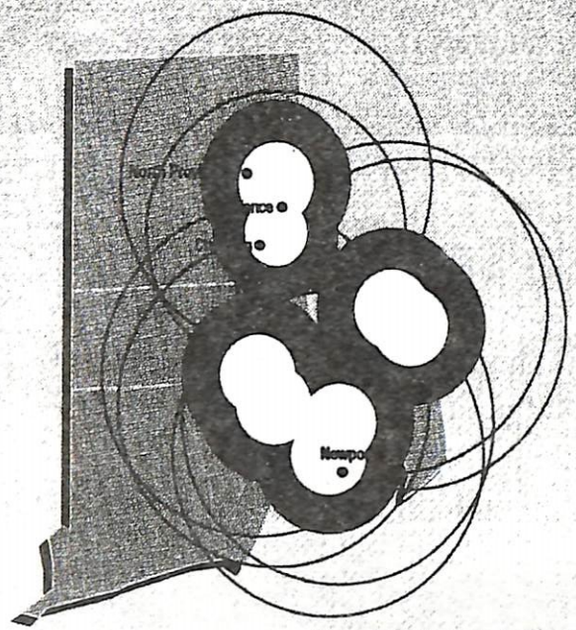
Tornadoes

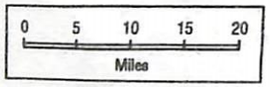
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 26-year period

Floods Flooding is a potential hazard in areas throughout the state.

RHODE ISLAND





Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

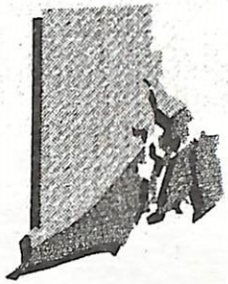
Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing



Tornadoes

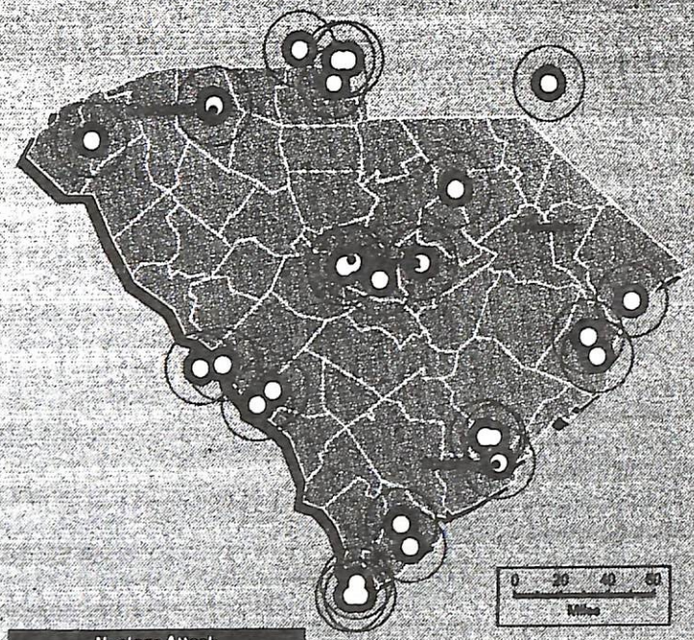
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

SOUTH CAROLINA



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period

Nuclear Power Plants

Commercial nuclear power plants

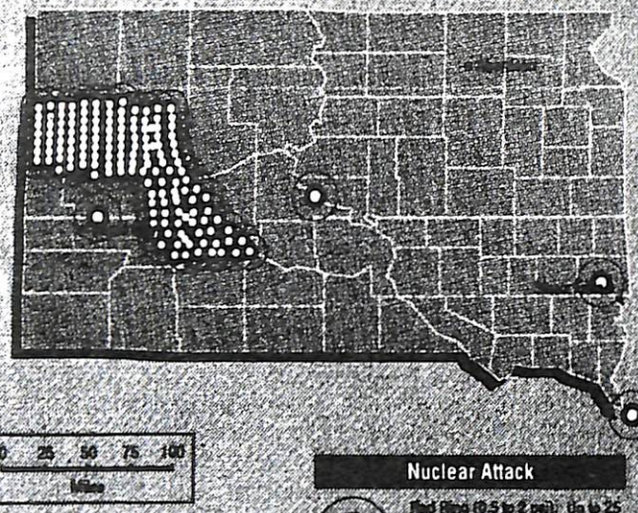
Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Floods Flooding is a potential hazard in areas throughout the state.

SOUTH DAKOTA



Nuclear Attack

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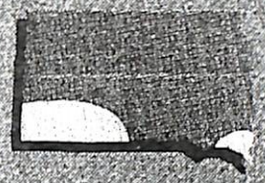


Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

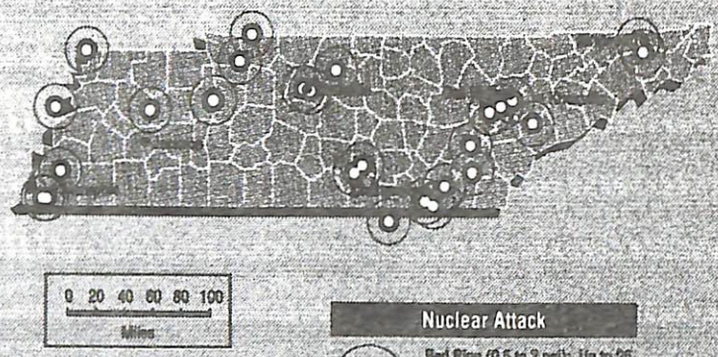
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

TENNESSEE



Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

- Commercial nuclear power plants
- Plants without a full power license

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

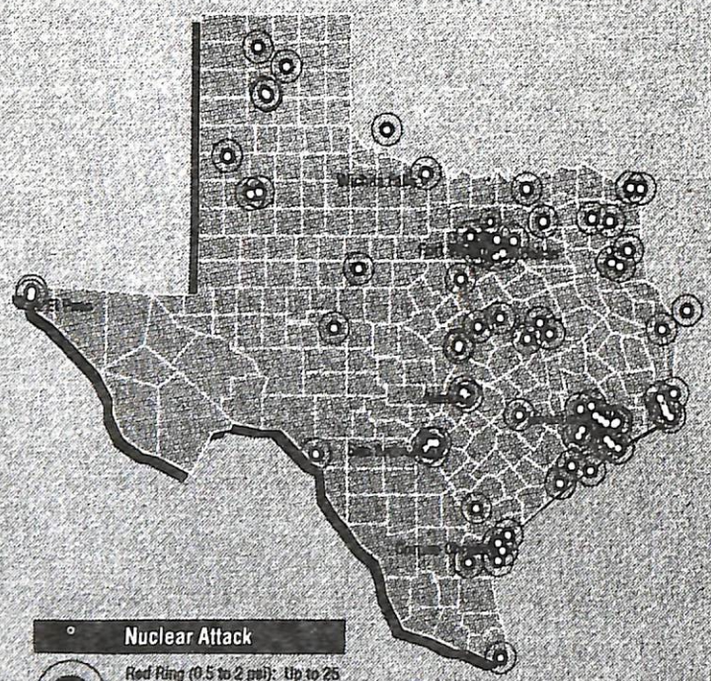
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

TEXAS



Nuclear Attack

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Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

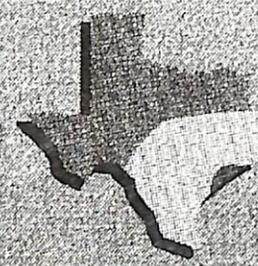
Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Fallout

Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

Earthquakes

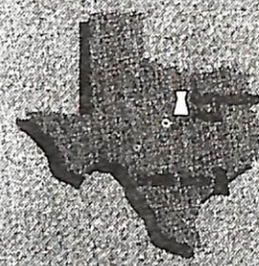
- Low hazard
- Moderate hazard
- High hazard



Hurricanes

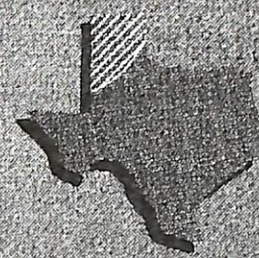
- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction over a 50-year period



Nuclear Power Plants

- Commercial nuclear power plants
- Plants without a full power license



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

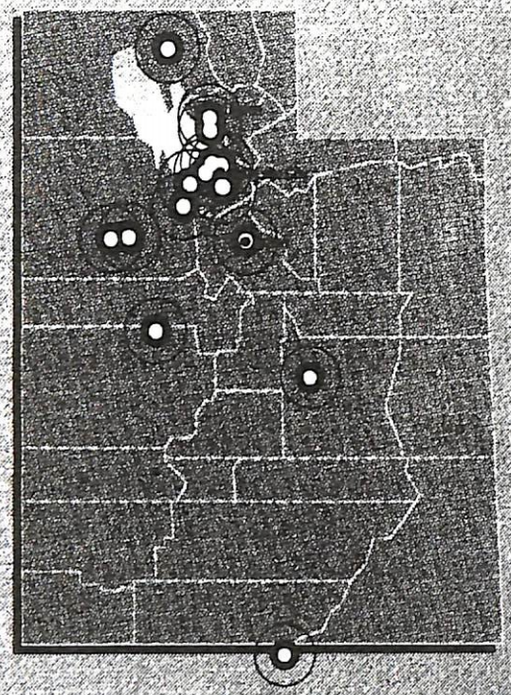
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 25-year period

Floods

Flooding is a potential hazard in areas throughout the state.

UTAH



0 20 40 60 80
Miles

Nuclear Attack

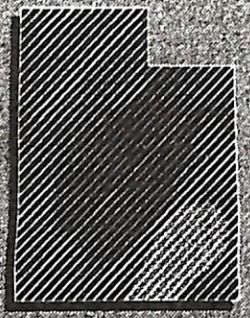
Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard



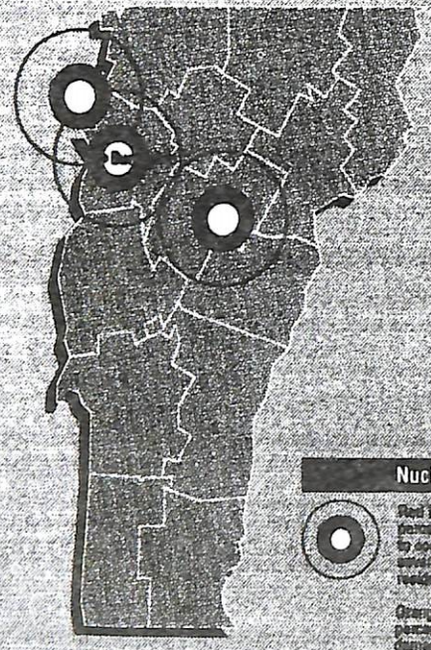
Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Fallout Fallout radiation is a potential hazard for all localities.
See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

VERMONT



Nuclear Attack

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Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

0 10 20 30
Miles

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate damage
- Heavy damage
- Extreme cold and freezing

Tornadoes

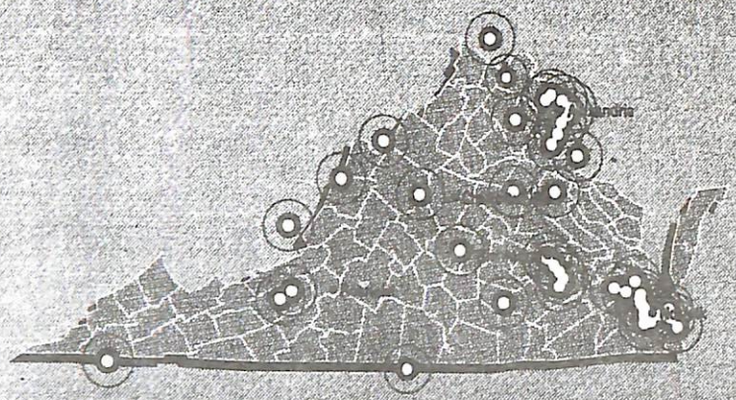
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20 year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

VIRGINIA



Nuclear Attack

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Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Hurricanes

- 5-15 times*
- 15-30 times
- Over 30 times

*Occurrences of destruction, over a 50-year period.

Nuclear Power Plants

- Commercial nuclear power plants

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

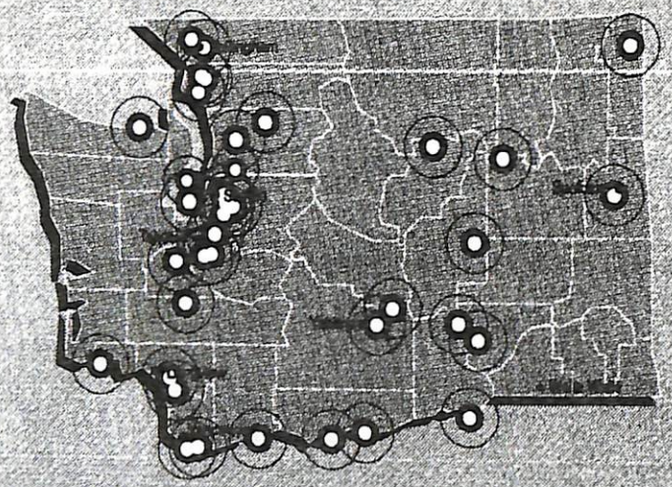
- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 20-year period.

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

WASHINGTON



0 25 50 75 100
Miles

Nuclear Attack

Red Ring (0.5 to 2 psi): Up to 25 percent casualties. Light damage to commercial-type buildings, severe damage to small residences.

Orange Area (2 to 5 psi): 50 percent casualties. Moderate damage to commercial-type buildings, severe damage to small residences.

Yellow Area (5 psi or more): Few survivors. Severe damage to total destruction of buildings.

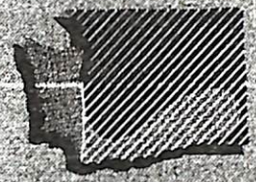
Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

- Commercial nuclear power plants

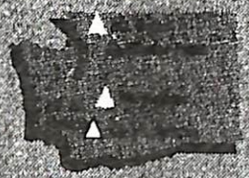


Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tsunamis

- Coastal areas historically subject to Tsunami

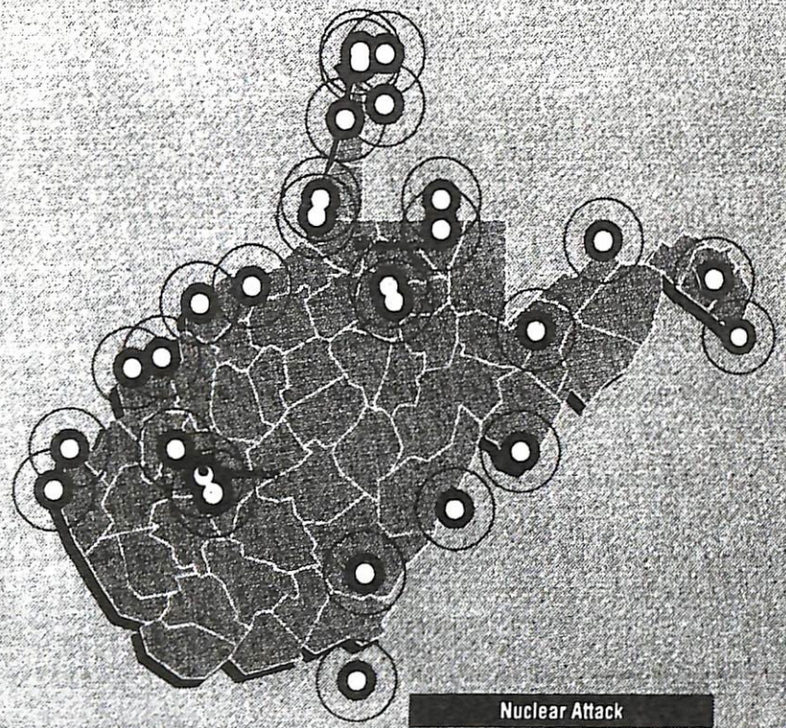


Volcanoes

- 1 eruption per 10,000 yrs.
- 1 eruption per 1000 yrs.
- 1 eruption per 200 yrs.
- Volcanoes that have erupted since 1950

Floods Flooding is a potential hazard in areas throughout the state.

WEST VIRGINIA



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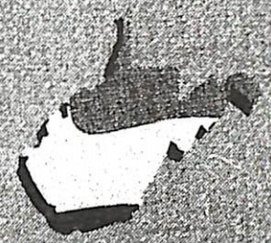
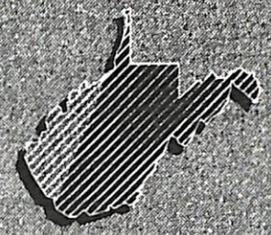


Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Nuclear Power Plants

- Commercial nuclear power plants



Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

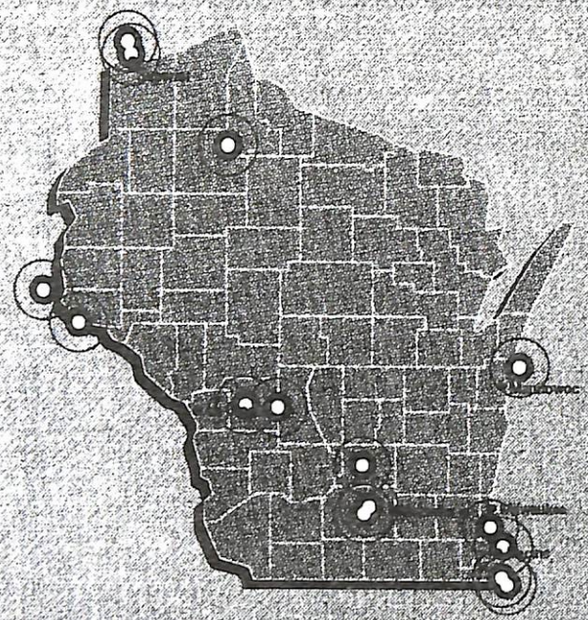
- 1-3 per year*
- 4-6 per year
- 7-9 per year

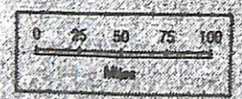
*per 10,000 square miles over a 28-year period

Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Floods Flooding is a potential hazard in areas throughout the state.

WISCONSIN





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Fallout Fallout radiation is a potential hazard for all localities. See page 123 for more information.

Nuclear Power Plants

Commercial nuclear power plants

Snow and Extreme Cold

Moderate snowfall

Heavy snowfall

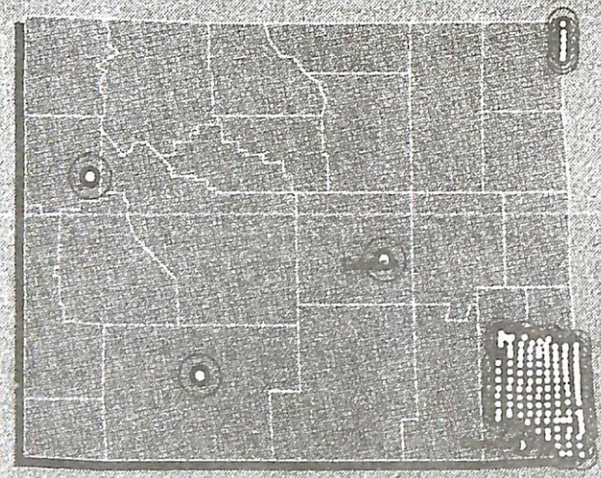
Extreme cold and freezing

Tornadoes

Over 100 tornadoes within a 20-year period.

Floods Flooding is a potential hazard in some localities. See map.

WYOMING



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Nuclear Attack

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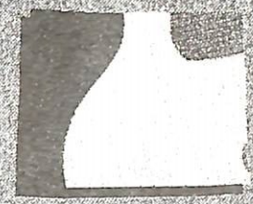

Earthquakes

- Low hazard
- Moderate hazard
- High hazard

Snow and Extreme Cold

- Moderate snowfall
- Heavy snowfall
- Extreme cold and freezing

Tornadoes

- 1-3 per year*
- 4-6 per year
- 7-9 per year

*per 10,000 square miles over a 30-year period

Volcanoes

- 1 eruption per 10,000 yrs.
- 1 eruption per 1000 yrs.
- 1 eruption per 200 yrs.

Floods Flooding is a potential hazard in areas throughout the state.

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