

# The 9-11 Attacks

- American Flight 11 – North Tower WTC 8:45 a.m.
- United Flight 175 – South Tower WTC 9:03 a.m.
- United Flight 77 – Pentagon 9:40 a.m.
- South Tower Collapses 9:59 a.m.
- United Flight 93 – Stony Creek Township, PA (in field near Shanksville) 10:07 a.m.
- North Tower Collapses 10:28 a.m.

Source: adapted from *Rocky Mountain News*,  
September 11, 2002, p. 4S.

# Losses From the 9-11 Attacks

- Deaths – 3,025 (plus 19 hijackers, excluded from official victim tolls)

Source: adapted from *Rocky Mountain News*, September 11, 2002, p. 13A.

- Financial - \$83 billion (WTC only, direct and indirect)

Source: *Natural Hazards Observer*. 2002. 27 (September):7.

# Workshop Tasks

- Group 1: What key decisions were made by “the five who survived” the WTC attacks? (Select 3 decisions)
- Group 2: What types of help were given by the WTC victims to others? (identify 4 examples)
- Group 3: In what ways do disasters differ? (identify 5 criteria)
- Group 4: Why are the number of disasters increasing? (identify 4 social factors)

# Three Types of Disasters

- Natural Disasters
- Technological and Human-Made Disasters
- Conflict Disasters

# Themes in Definitional Dissensus

- Event Qualities vs. Resource Shortfalls
- Alternative Classification Criteria
- Social Problem Perspective

# Social Factors Related to Increases in Disaster Frequency and Severity

- Population Density
- Settlement in High Risk Areas
- Technological Risks
- Political Instability