<u>United States Version</u> (10 June 01)

#### Unclassified

Lightning Safety For Kids

377H WEATHER SQUADEO

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#### **Teach Lightning Safety**



OPR: 45 WS/SYR (pg. 2)





- LIGHTNING -- SIGNIFICANT HAZARD!
- LIGHTNING SAFETY PROCEDURES





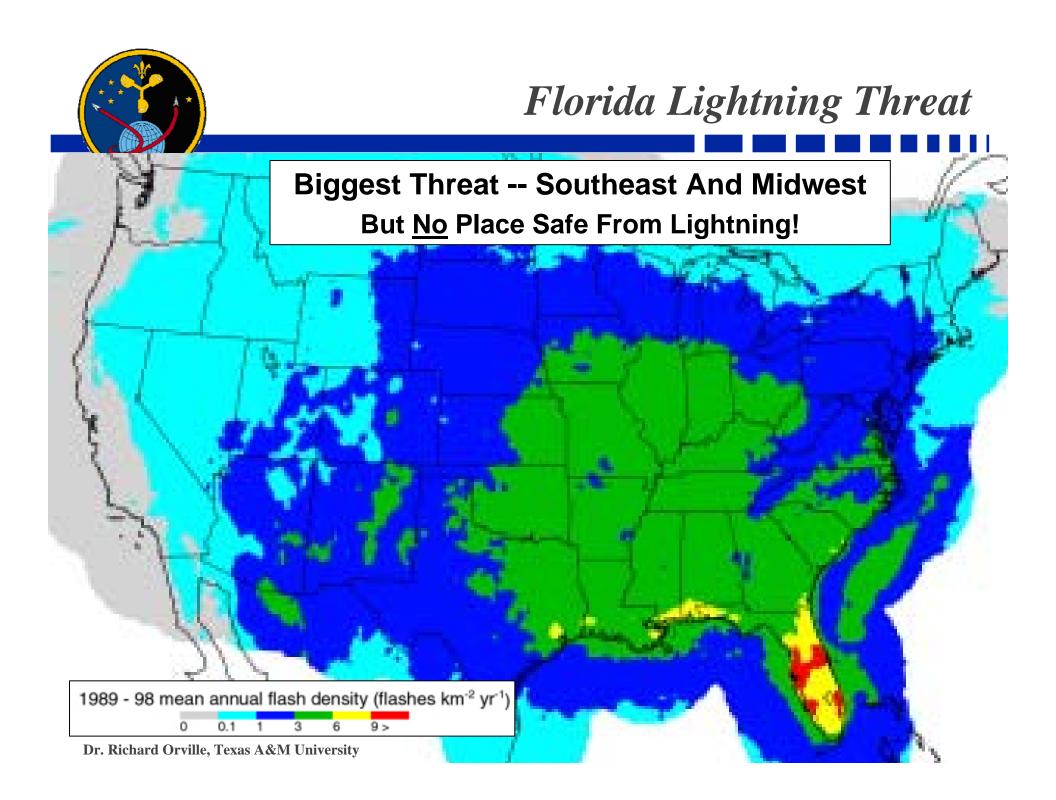
More Education Needed!

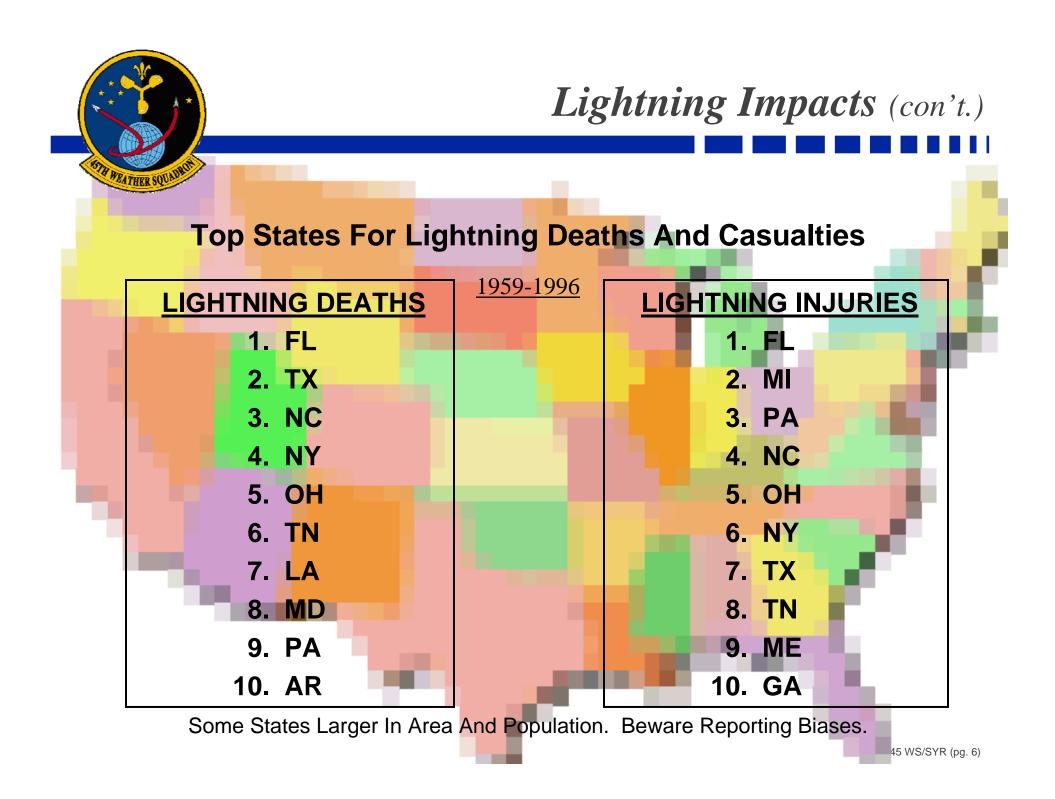


Lightning -- Significant Hazard

- LIGHTNING: <u>The</u> Underrated Weather Hazard!
  - 2nd Leading Cause Of Storm Deaths In U.S. (~ 100 / Year)
    - More Than Hurricanes And Tornadoes Combined!
  - Injures ~ 1,000 / Year In U.S.
    - Often Severe Life-Long Crippling Injuries
  - Lightning Causes \$5 Billion
     In Damage Each Yearly In U.S.
  - Yet Lightning Safety Receives Surprisingly Little Attention!



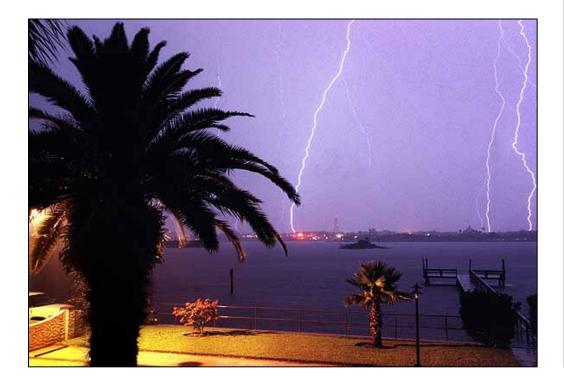






# Lightning Safety Procedures

#### Lightning Safety Group Recommendations





OPR: 45 WS/SYR (pg. 7)

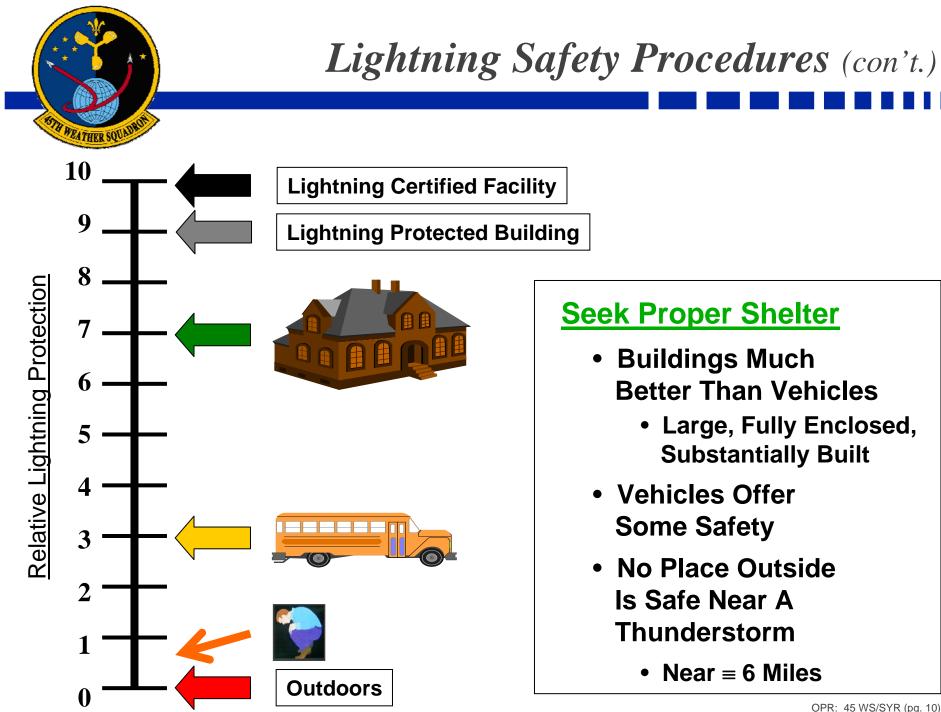




- Lightning Can Strike Long Distances! Even Outside The Rain!
- If You Can Hear Thunder, Seek Shelter!



"Bolt From The Blue"



OPR: 45 WS/SYR (pg. 10)



- Once In Proper Shelter, Avoid Conducting Paths To Outside
  - Telephone (corded)
  - Electrical Appliances / Wiring
    - TVs, VCRs, And TV Cables
    - Computers
    - Light Switches
    - Electrical Outlets
  - Plumbing
    - Showers
    - Sinks
    - Rest Rooms
    - Pools (indoors too)
  - Don't Watch Lightning From Windows / Doorways
  - Indoor Rooms Are Better







OPR: 45 WS/SYR (pg. 11)



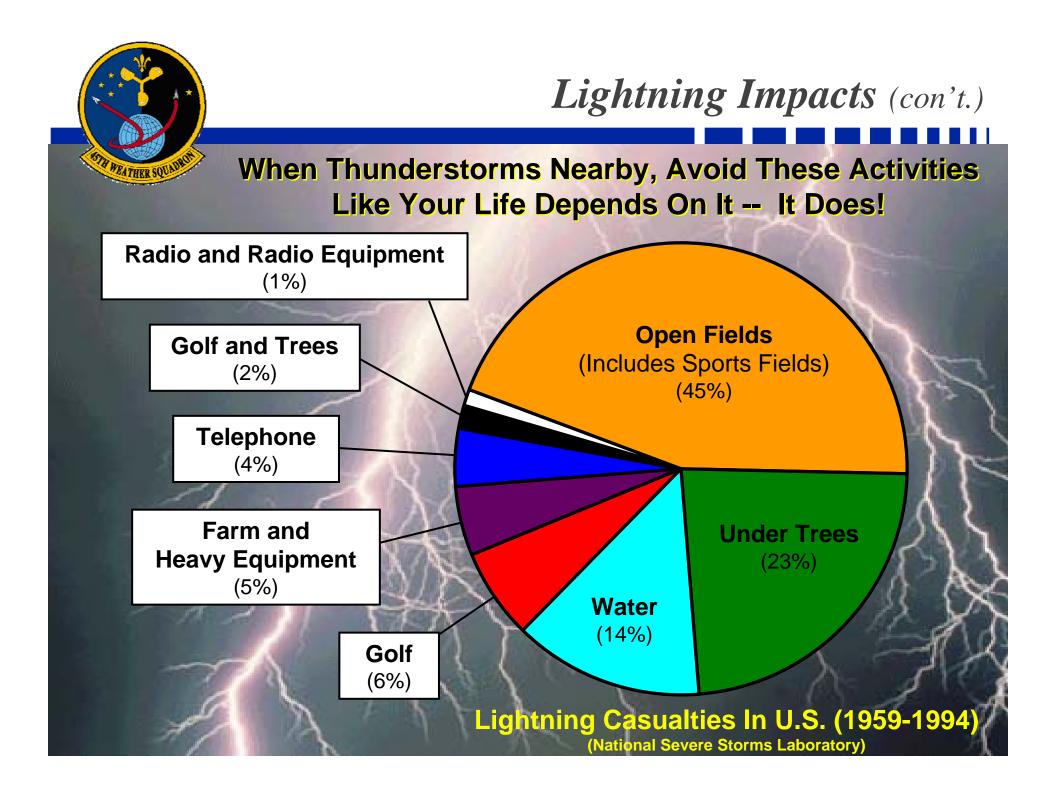
- <u>Unsafe</u> Locations
  - High Places / Open Fields
  - Isolated Trees
  - Towers / Poles

     (Light Poles, Flag Poles, Telephone Poles, Etc.)
  - Unprotected Pavilions, Rain / Picnic Shelters
  - Baseball Dugouts
  - Convertible Cars
  - Golf Carts
  - Water (Swimming Pool, Ocean, Lake, Rivers, Etc.)
    - Indoor / Outdoor Pools
  - Bleachers (Metal Or Wood)
  - Metal Fences / Structures



OPR: 45 WS/SYR (pg. 12)







#### If You Can Hear Thunder, Seek Shelter!

- Avoid Wide Open Areas
  - Sports Fields
  - Playgrounds
  - Parking Lots
  - Beaches
  - Others









OPR: 45 WS/SYR (pg. 14)



- Avoid Water Activities
  - Swimming
  - Boating
  - Beaches
    - Doubly Dangerous!
  - Fishing
  - Others









- Avoid Trees!
  - Do <u>NOT</u> Go Under Trees To Keep Dry!

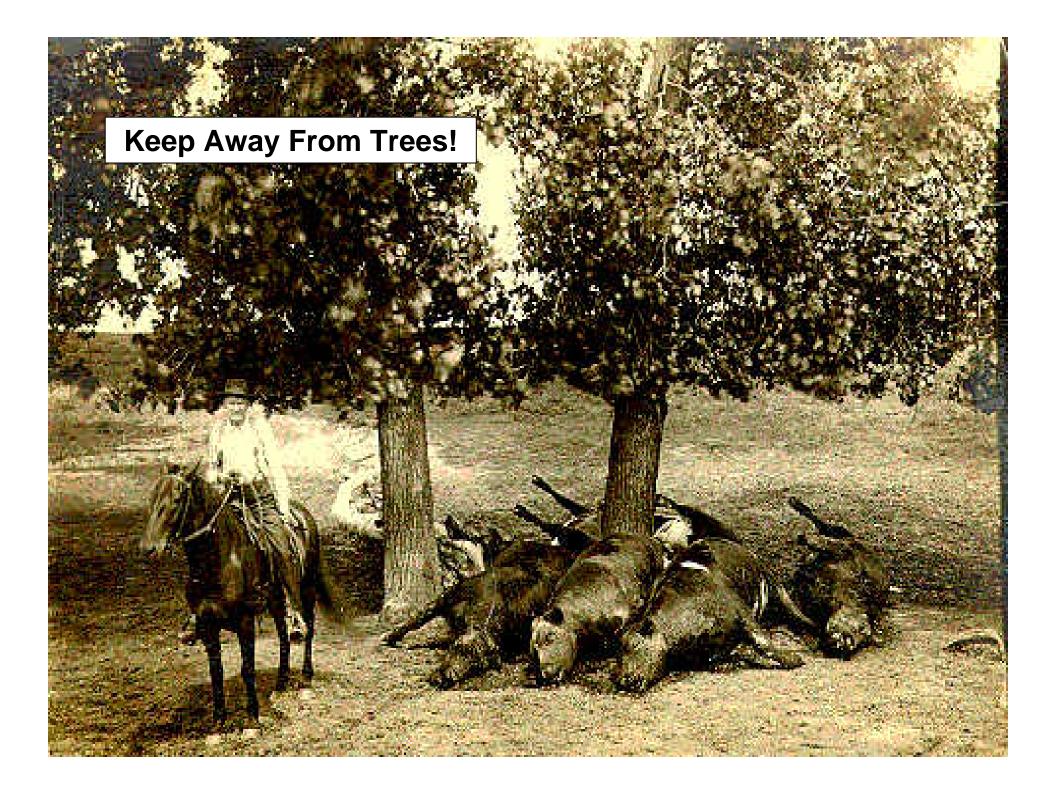
















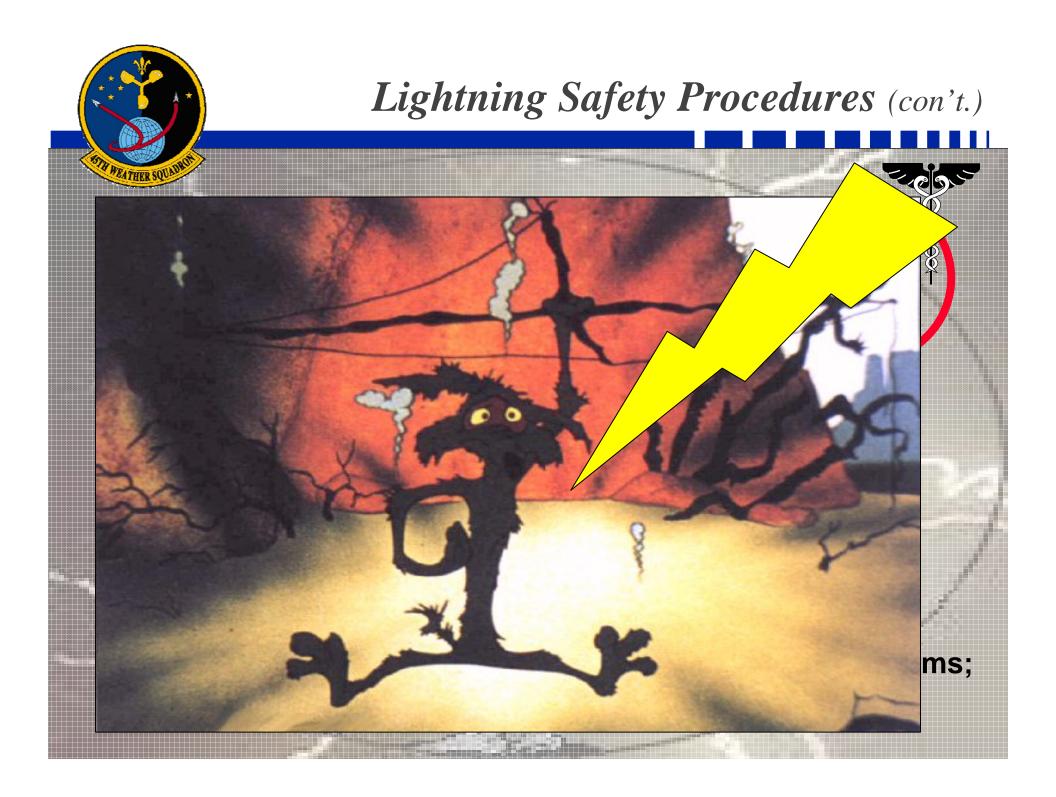




- First Aid For Lightning
  - Call 911
  - Apply CPR / Mouth To Mouth Resuscitation
    - All Deaths From Stopped Heart / Stopped Breathing







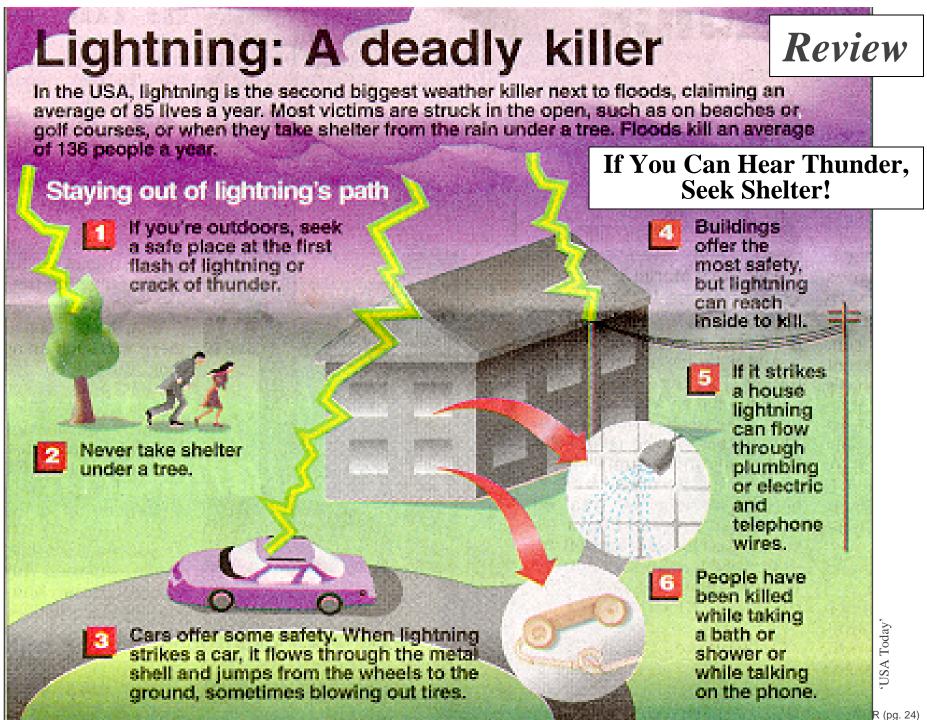
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#### Summary

- Lightning Is Extremely Significant Hazard, Especially In Southeast And Midwest, But Far Too Often Underrated
- Lightning Safety Group Recommendations Can Help Improve Your Lightning Safety
- 'Go Inside' -- Now How Tough Is That?









# Lightning Safety

- Questions?
- www.patrick.af.mil/45og/45ws/LightningSafety/index.htm
- For Lightning Safety Briefings, Call ....
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