



U.S. AIR FORCE

Tornadoes



- ◆ **Below**
 - ◆ **Near Altus OK 11 May 1982**
- ◆ **Right**
 - ◆ **Oklahoma 11 May 2010**

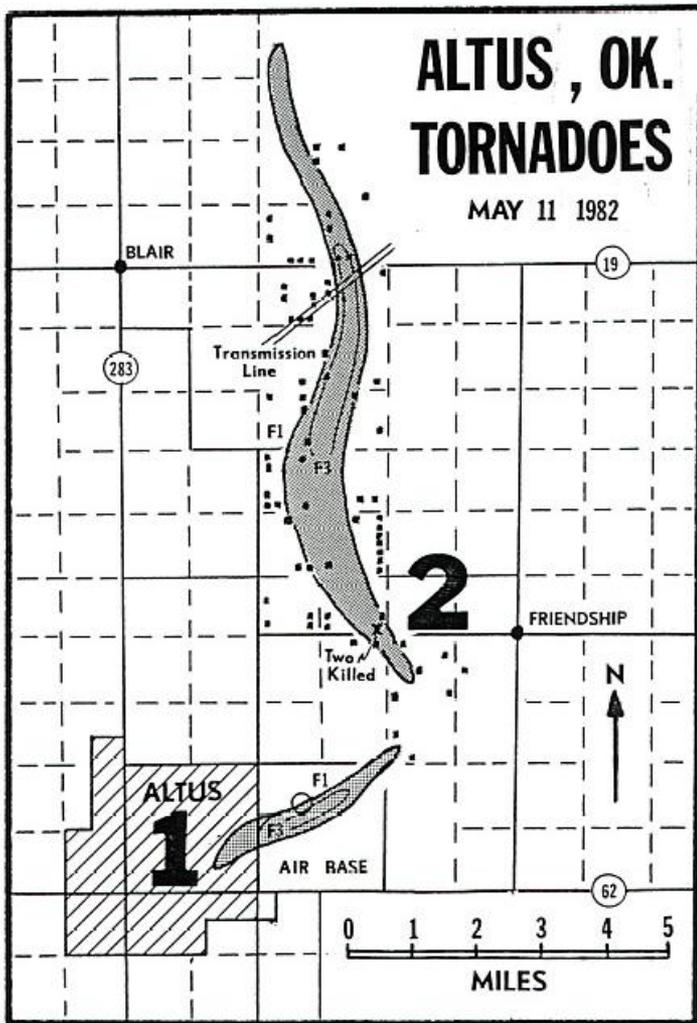


“Forging Combat Mobility Forces . . . Deploying Airman Warriors!”



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Tornadoes



- Tornado Path
- Altus AFB Barracks
 - Roof removed
 - Second floor removed



“Forging Combat Mobility Forces . . . Deploying Airman Warriors!”



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Tornadoes



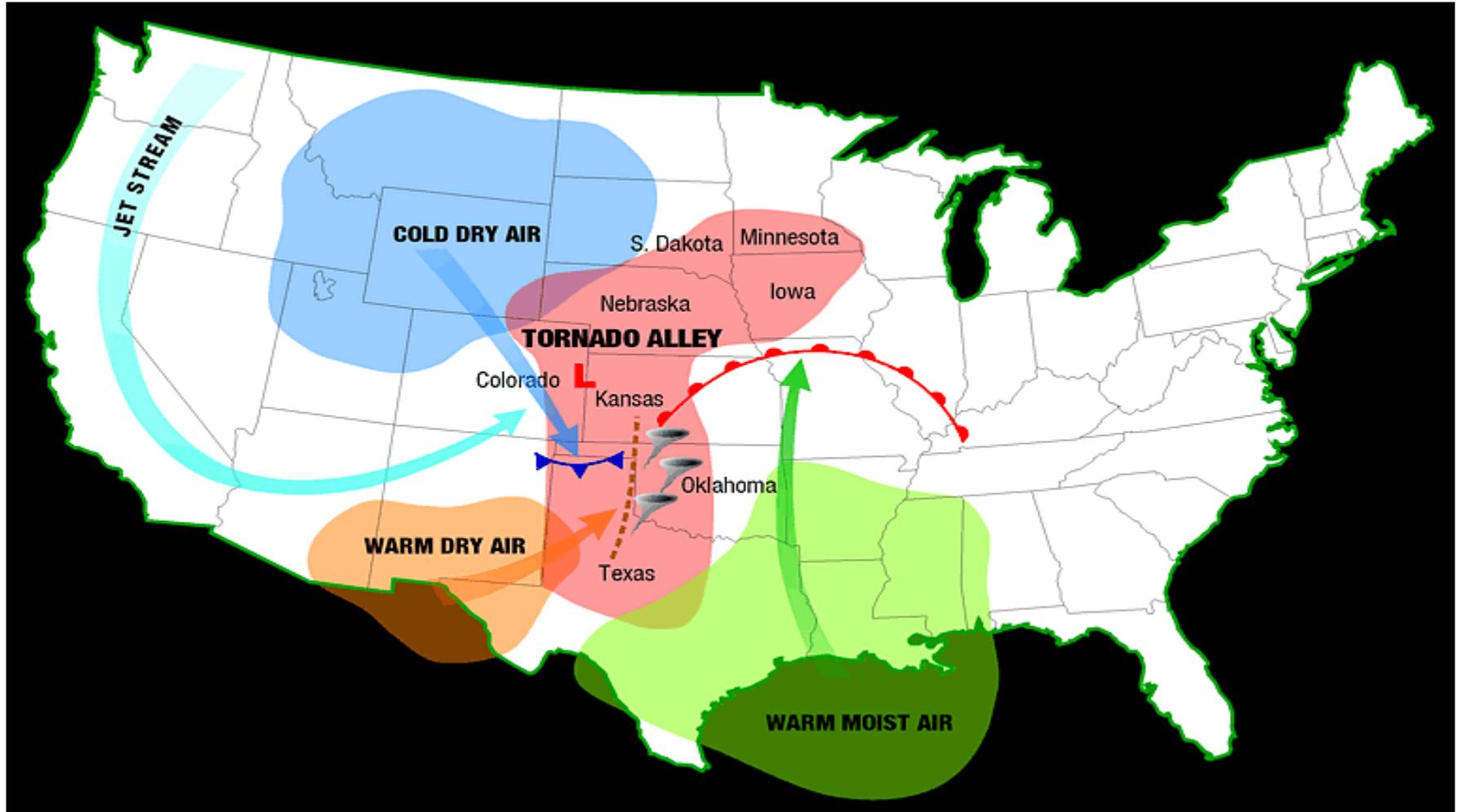
- ◆ Oklahoma City OK
 - ◆ 3 May 1999
 - ◆ F5 Tornado

“Forging Combat Mobility Forces . . . Deploying Airman Warriors!”



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Tornado Alley



“Forging Combat Mobility Forces . . . Deploying Airman Warriors!”

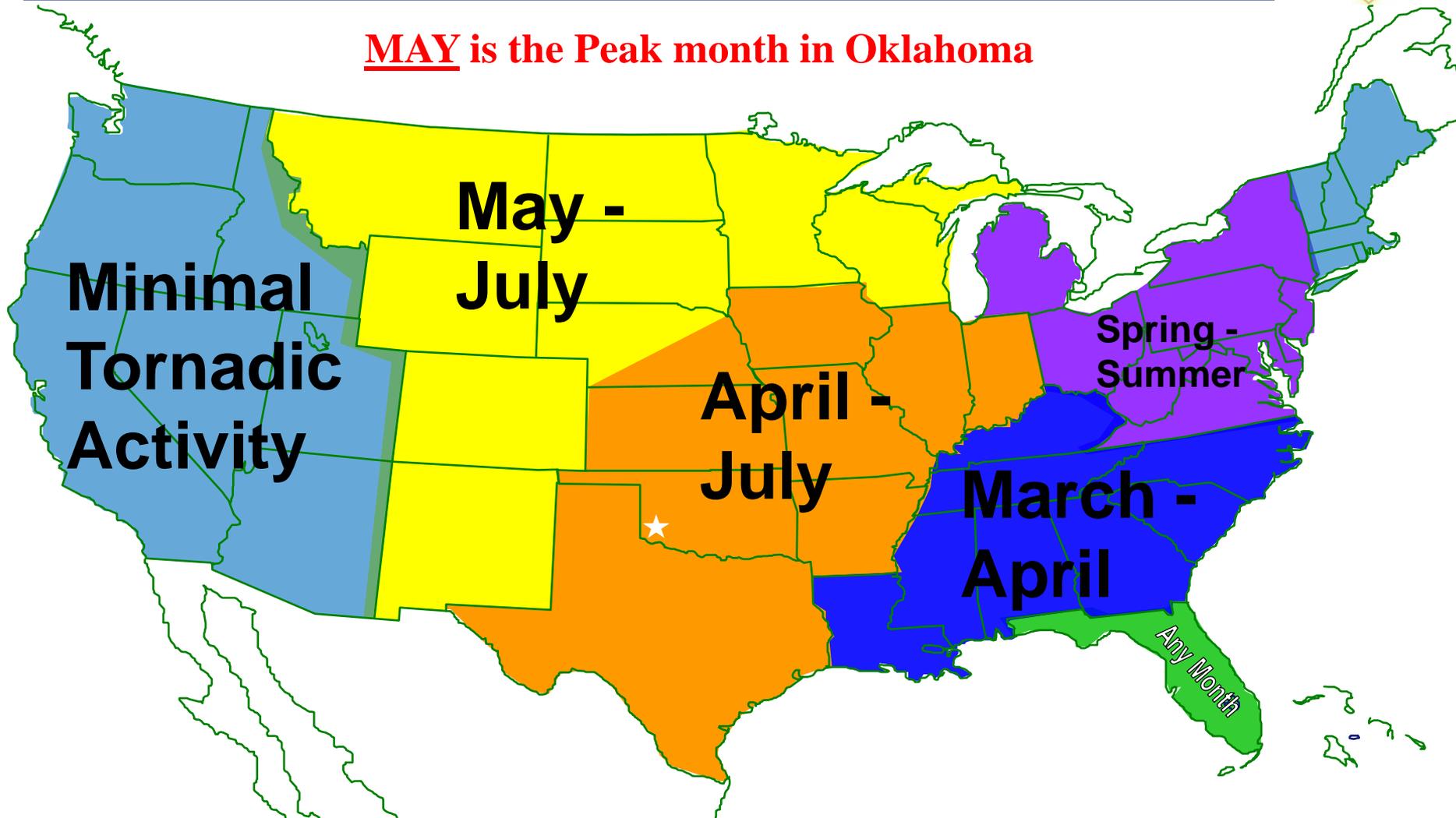


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Tornado Season



MAY is the Peak month in Oklahoma



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Tornado Scale



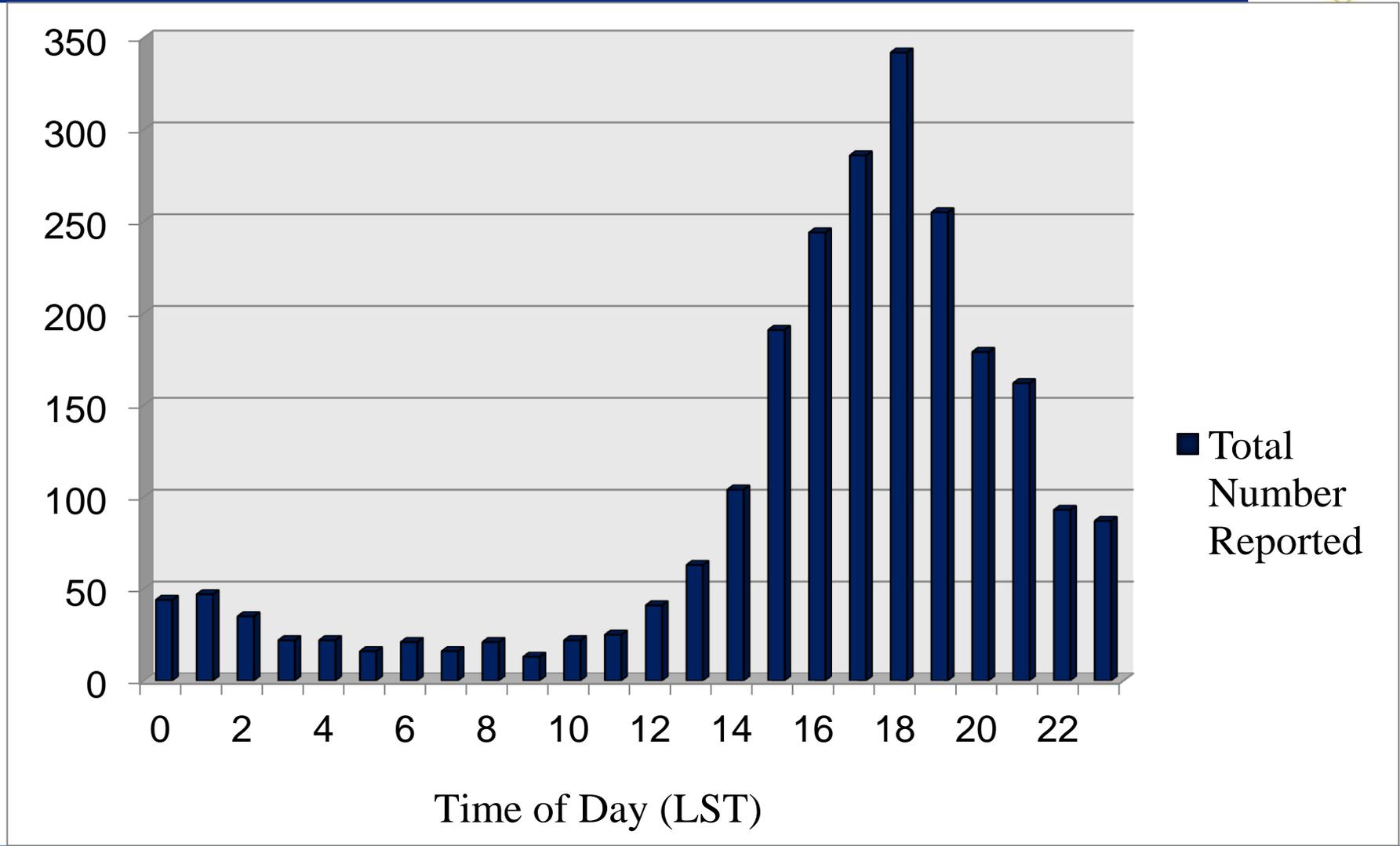
Enhanced Fujita Scale

Category	Wind Speed	Potential Damage
EF0	65-85 mph	Light damage. Peels surface off roofs; some damage to chimneys; branches broken off trees; shallow-rooted trees pushed over; mobile homes pushed off foundations or overturned; sign boards damaged.
EF1	86-110 mph	Moderate damage. Roofs torn off frame houses; windows and glass doors broken; moving autos blown off roads; mobile homes demolished; boxcars overturned.
EF2	111-135 mph	Considerable damage. Roofs torn off well-constructed houses; foundations of frame homes shifted; large trees snapped or uprooted; light-object missiles generated; cars lifted off ground.
EF3	136-165 mph	Severe damage. Some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off the ground and thrown; structures with weak foundations blow away some distance.
EF4	166-200 mph	Devastating damage. Well-constructed houses and whole frame houses completely leveled; structures with weak foundations blown away some distance; trees debarked; cars thrown and small missiles generated.
EF5	>200 mph	Incredible damage. Strong frame houses leveled off foundations; with strongest winds, brick houses completely wiped off foundations; automobile-sized missiles fly through the air in excess of 109 yards; cars thrown and large missiles generated; incredible phenomena will occur.



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Tornado Occurrence



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