



# Significant 2008 Tornado Events

**Greg Carbin**

**Warning Coordination Meteorologist  
NWS-NCEP-Storm Prediction Center**



National Oceanic and Atmospheric Administration's

# National Weather Service

weather.gov

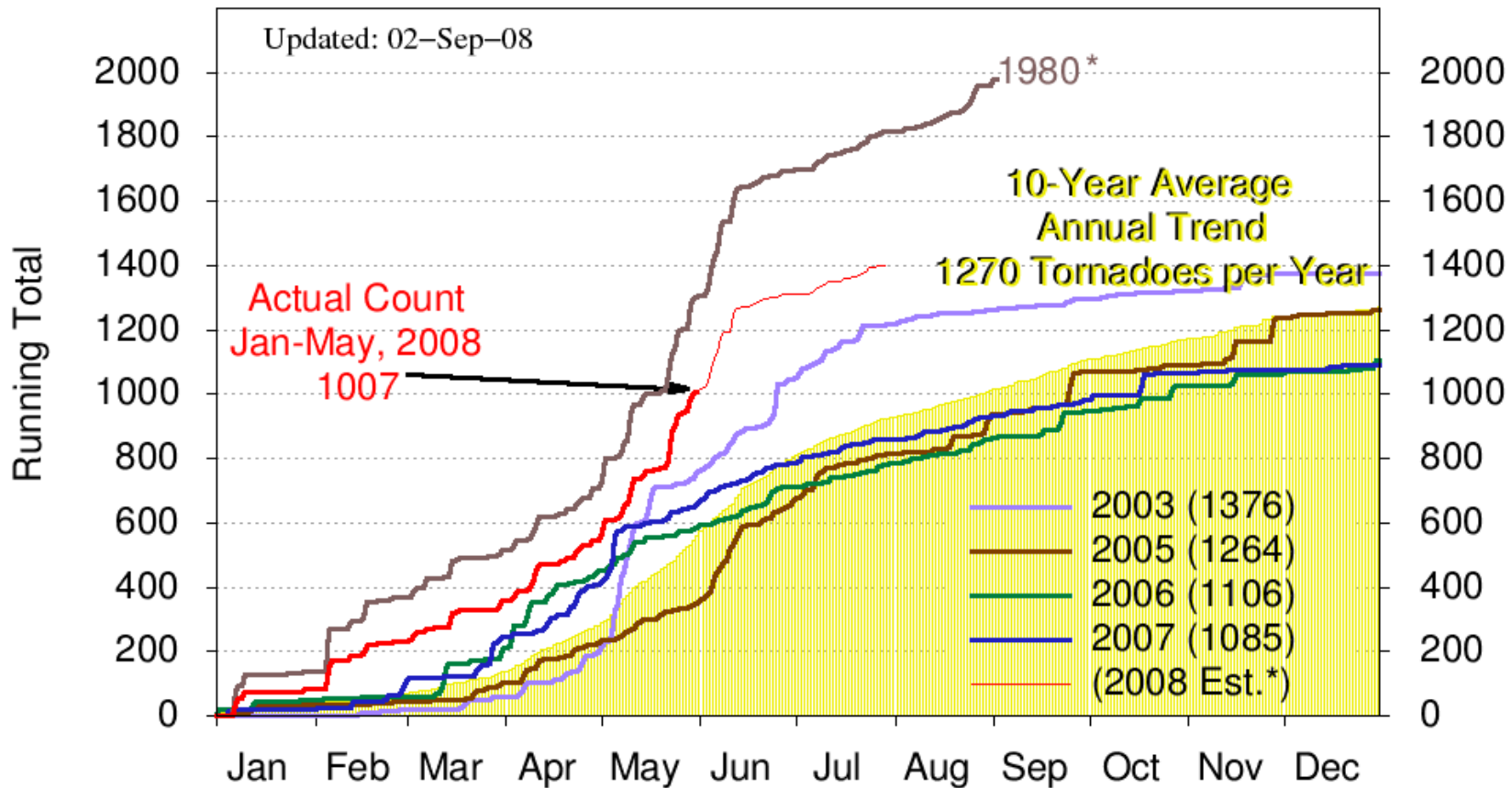




## U.S. Annual Tornado Trends



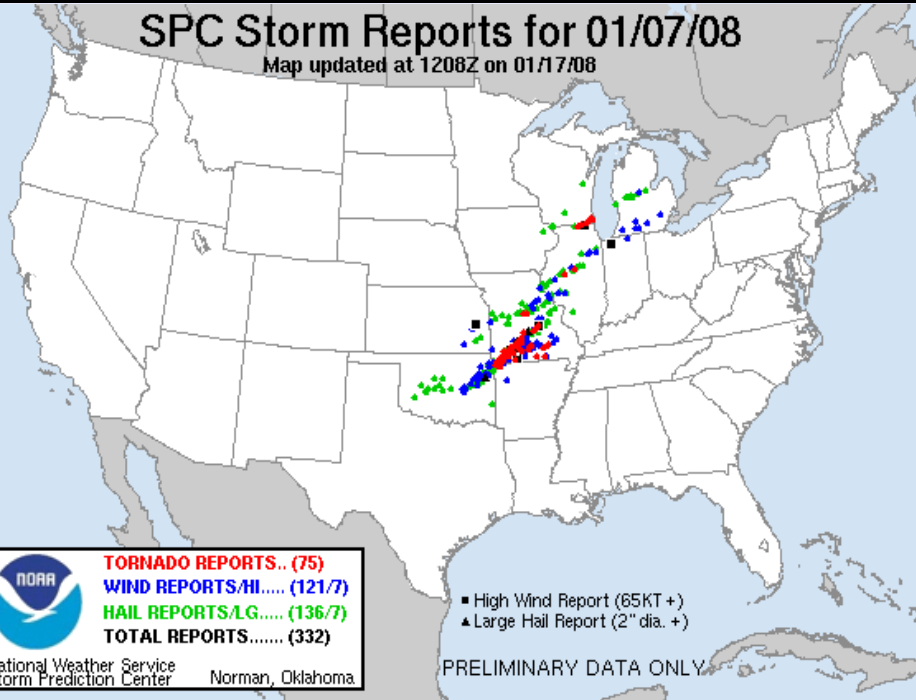
\* 2008 preliminary count includes duplicate reports for some tornadoes. Actual counts (thru May and prior years) have duplicate reports removed.





## SPC Storm Reports for 01/07/08

Map updated at 1208Z on 01/17/08



## Kenosha, WI (EF3)



**Storm Data Summary for this Event:**

Tornadoes: 33 (5-EF3 rated)

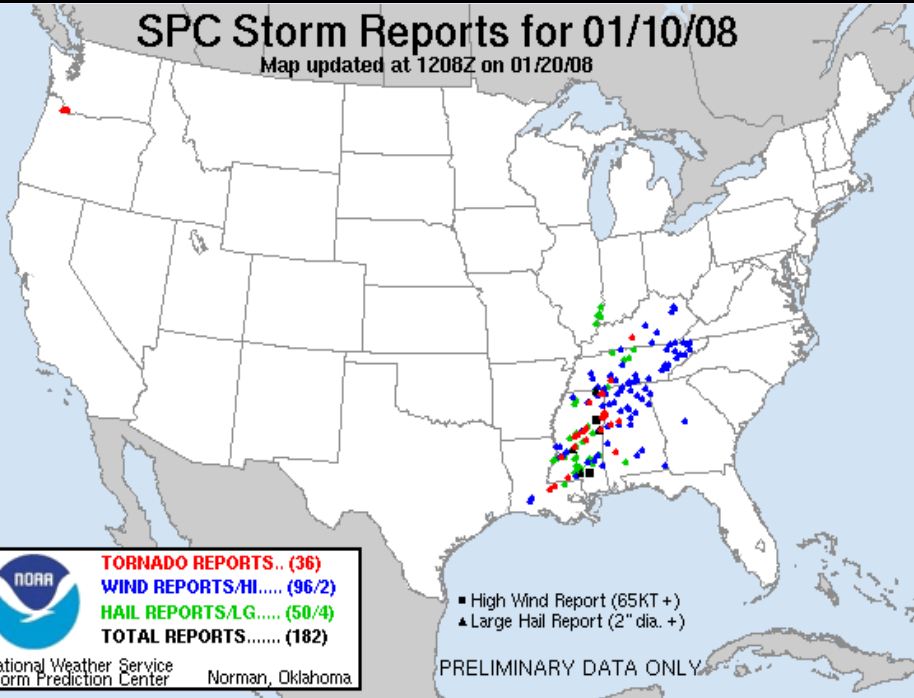
Fatalities: 3 (+1 next morning), Injuries: 42

Est. Losses: \$56.2 Million



## SPC Storm Reports for 01/10/08

Map updated at 1208Z on 01/20/08



## Caledonia, MS (EF3)



### Storm Data Summary for this Event:

Tornadoes: 17 (4-EF3 rated)

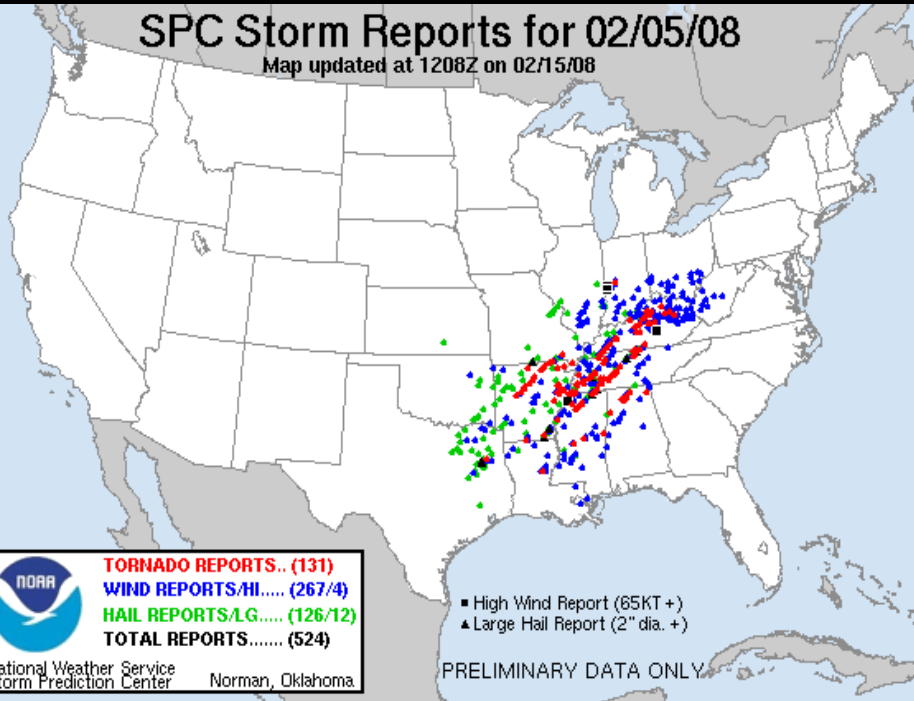
Fatalities: 0, Injuries: 17

Est. Losses: \$28 Million



## SPC Storm Reports for 02/05/08

Map updated at 1208Z on 02/15/08



## Atkins, AR (EF3)



### Storm Data Summary for this Event:

Tornadoes: 87 (5-EF4 rated!)

Fatalities: 57, Injuries: 391

Tied for 13<sup>th</sup> Deadliest Outbreak Since 1950

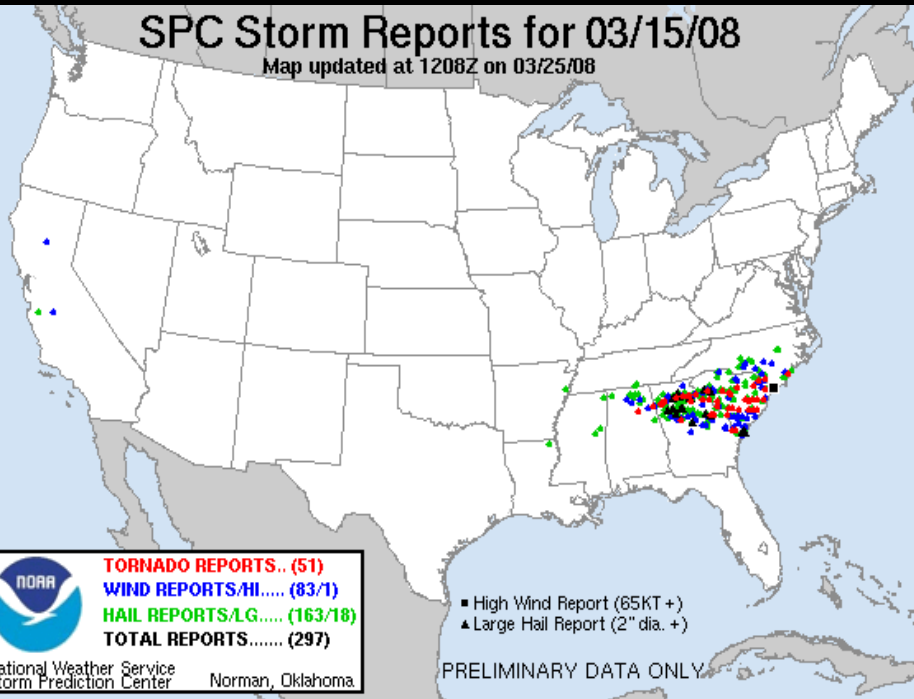
Est. Losses: >\$507 Million





## SPC Storm Reports for 03/15/08

Map updated at 1208Z on 03/25/08



## Atlanta, GA (EF2)



**Storm Data Summary for this Event:**

Tornadoes: 43 (3-EF3 rated)

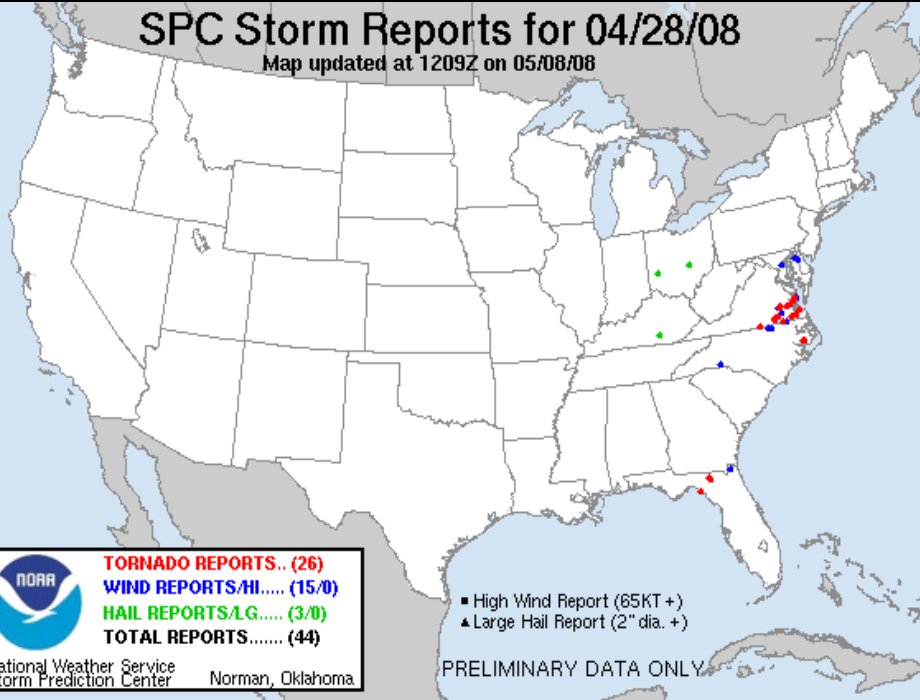
Fatalities: 3, Injuries: 53

Est. Losses: \$50 Million



## SPC Storm Reports for 04/28/08

Map updated at 1209Z on 05/08/08



## Chesapeake, VA (EF3)



### Storm Data Summary for this Event:

Tornadoes: 16 (1-EF3 rated)

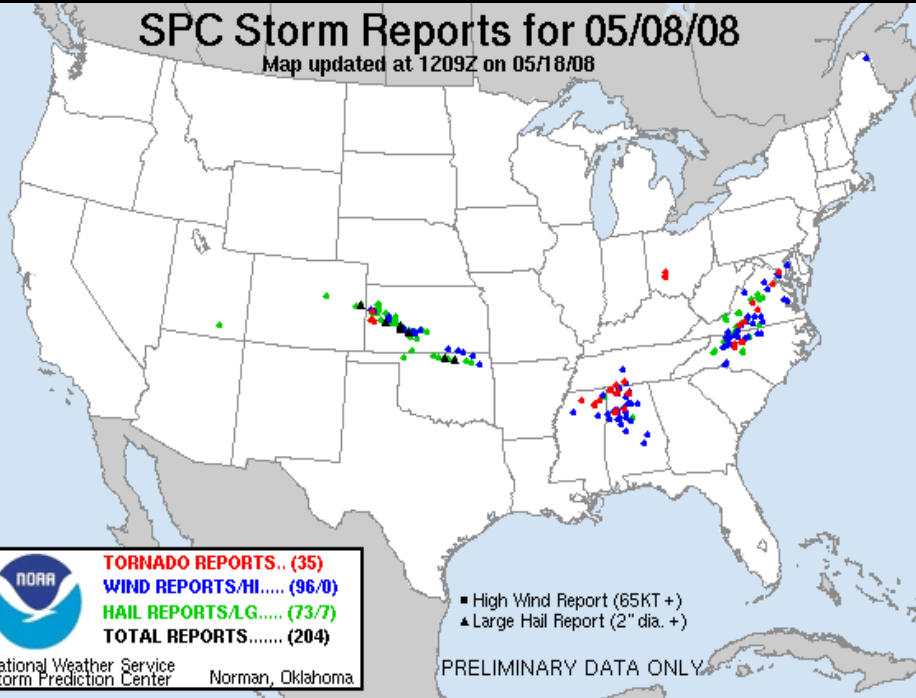
Fatalities: 0, Injuries: 221

Est. Losses: \$34 Million



## SPC Storm Reports for 05/08/08

Map updated at 1209Z on 05/18/08



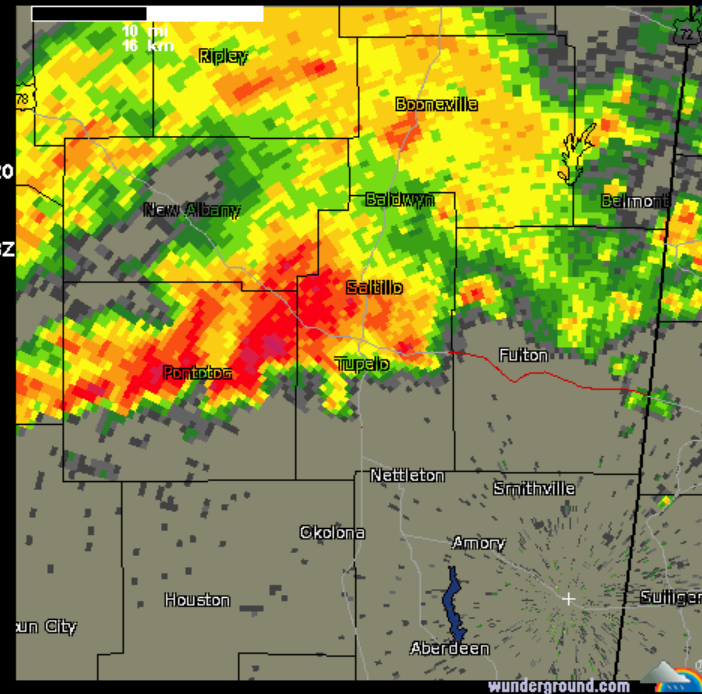
07:51 CDT  
05/08/08



12:51 UTC  
05/08/08

1 / 20

Max reflectivity 63 dbZ  
Vol. cov. pattern 12



Storm Data Summary for this Event:

Tornadoes: 28

Fatalities: 1 (NC), Injuries: 7

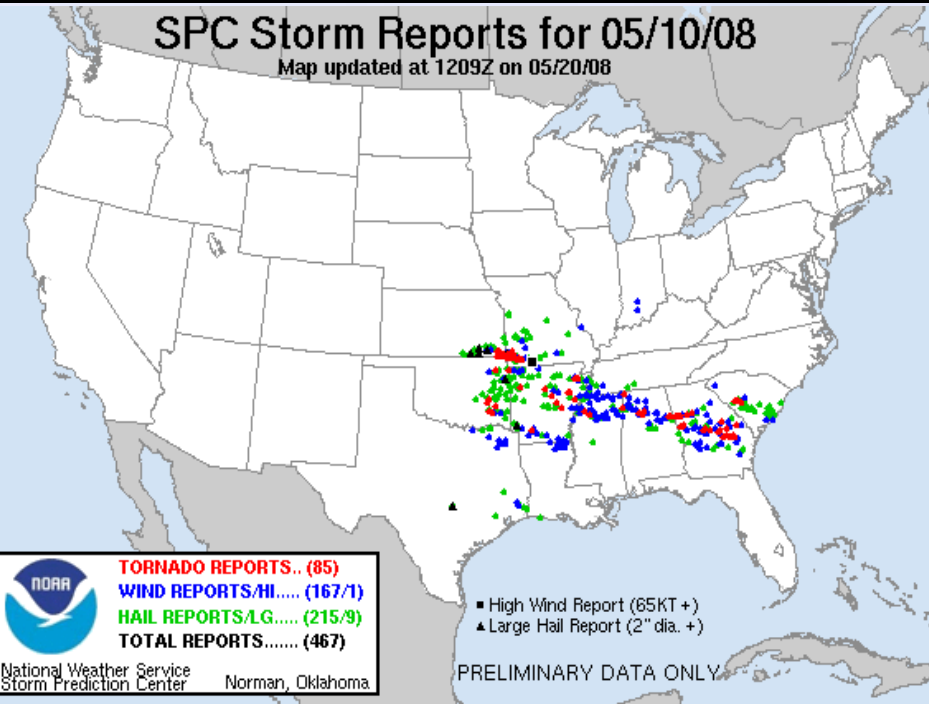
Est. Losses: \$14.6 Million





## SPC Storm Reports for 05/10/08

Map updated at 1209Z on 05/20/08



Pitcher, OK (EF4)

### Storm Data Summary for this Event:

Tornadoes: 79

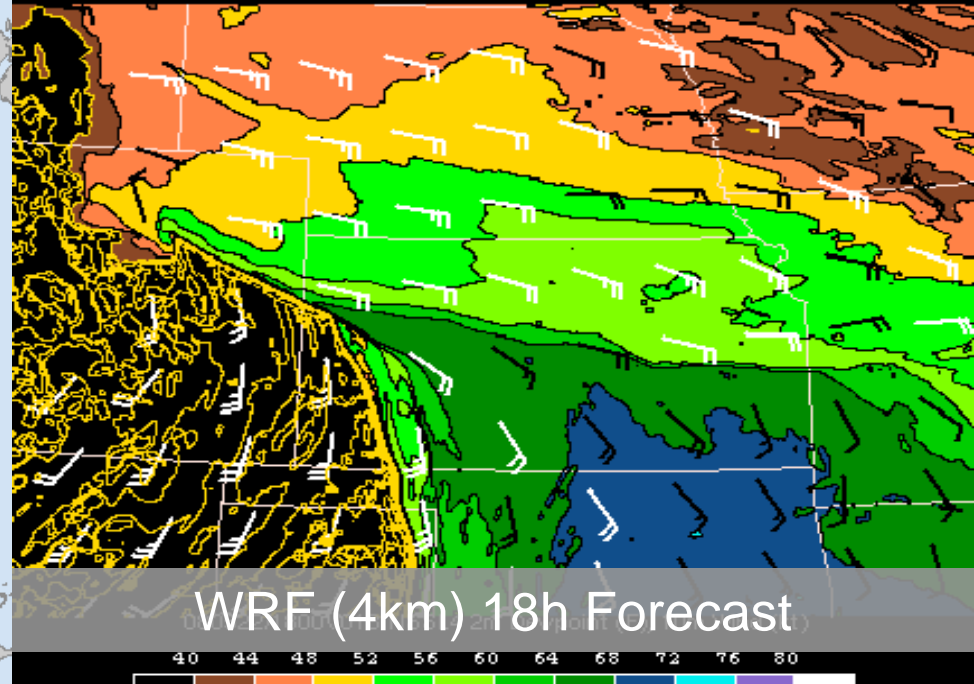
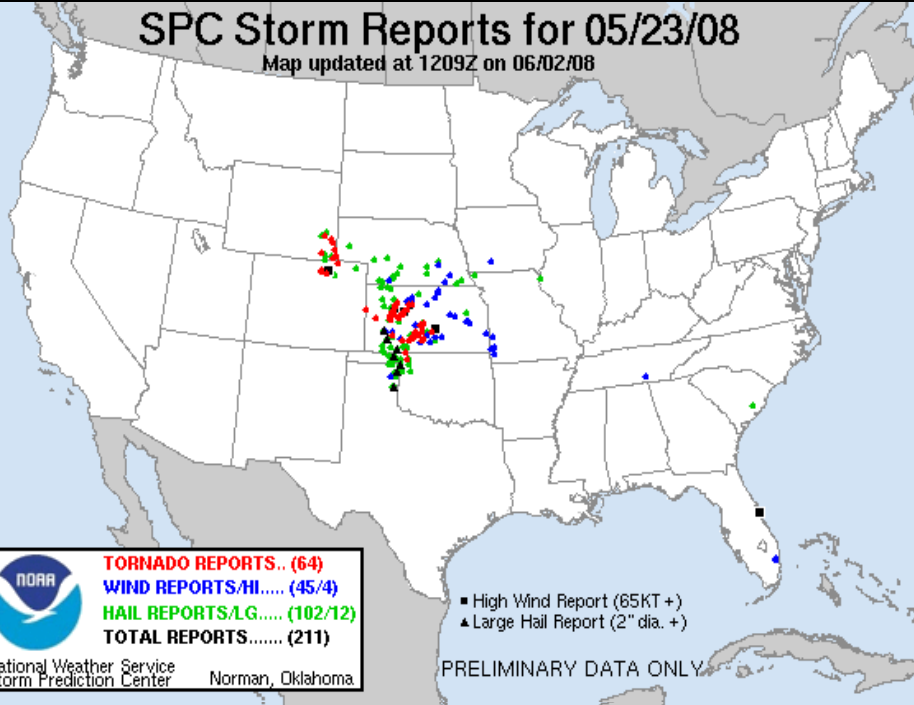
Fatalities: 24, Injuries: 408

Est. Losses: \$266 Million



## SPC Storm Reports for 05/23/08

Map updated at 1209Z on 06/02/08



### Storm Data Summary for this Event:

Tornadoes: 111 (22-23)

Fatalities: 3, Injuries: 83

Est. Losses: \$157 Million

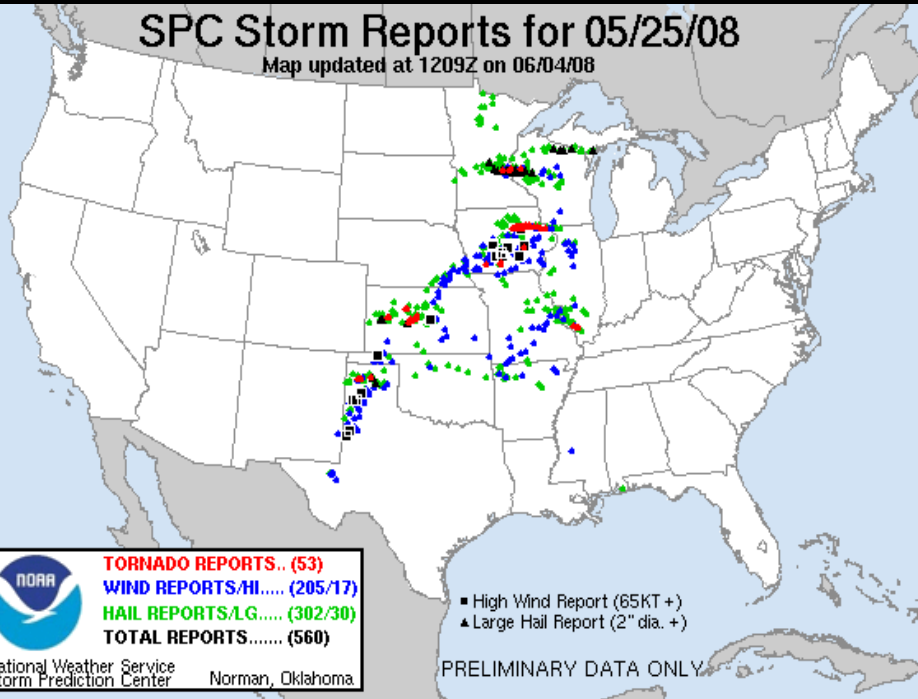




Heather Van

## SPC Storm Reports for 05/25/08

Map updated at 1209Z on 06/04/08



### Parkersburg, IA (EF5)

### Storm Data Summary for this Event:

Tornadoes: 33 (1 EF5)

Fatalities: 9, Injuries: 92

Est. Losses: \$129 Million





National Oceanic and Atmospheric Administration's

# National Weather Service

weather.gov

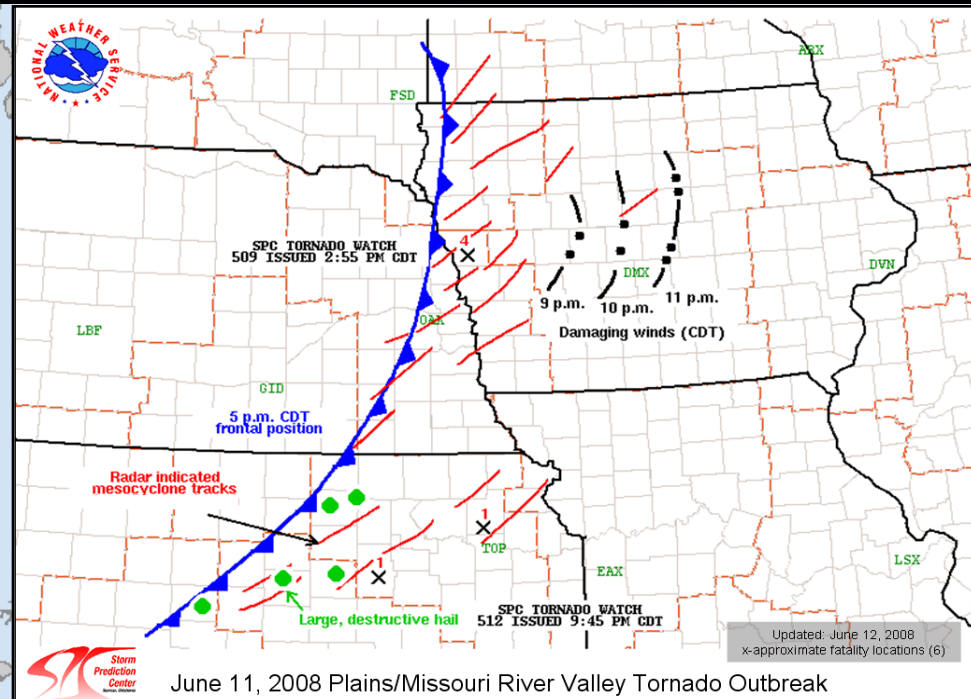
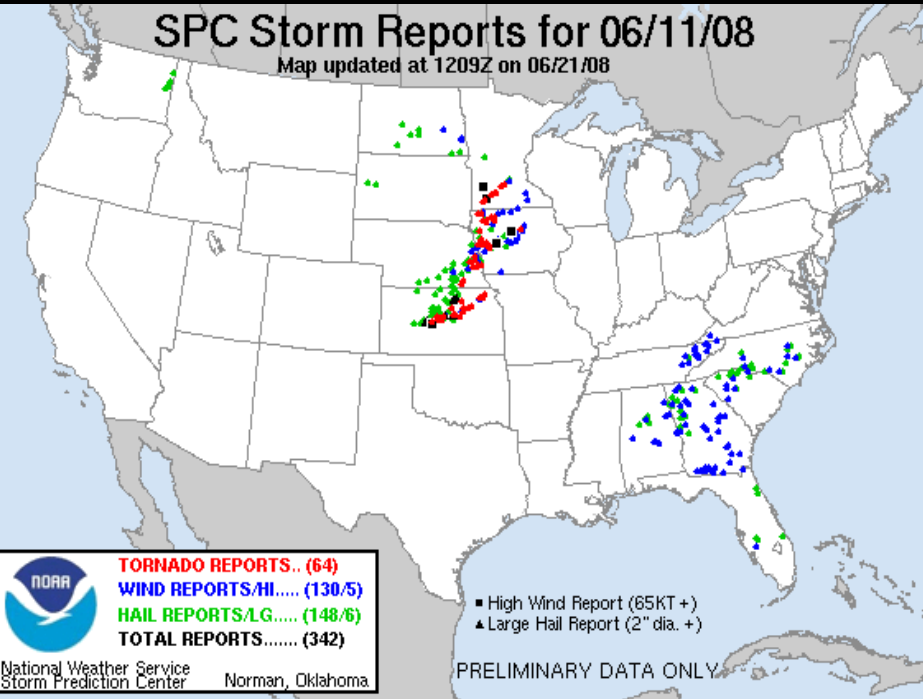


887574



## SPC Storm Reports for 06/11/08

Map updated at 1209Z on 06/21/08

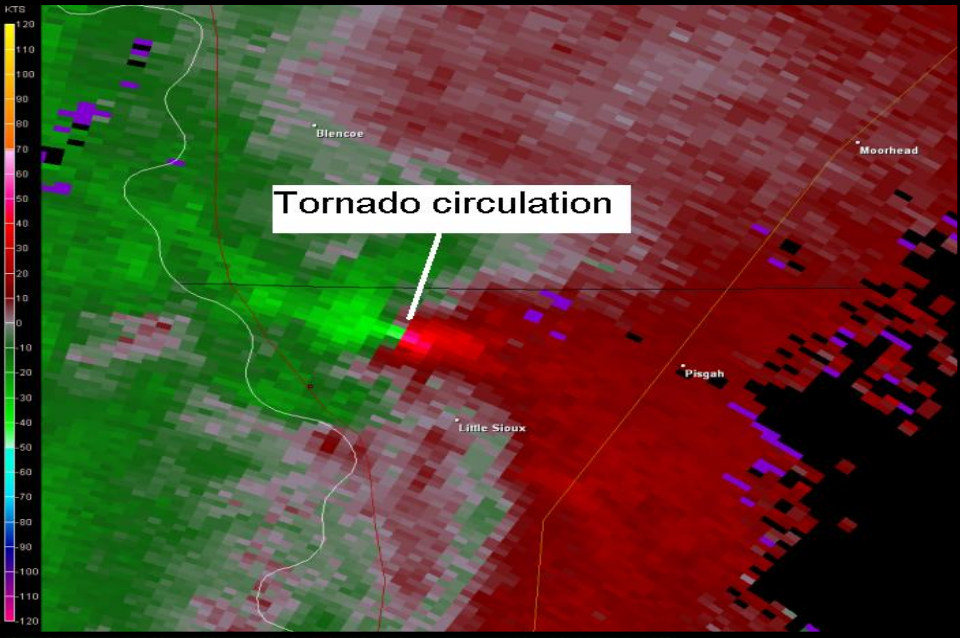


### Preliminary Summary for this Event:

Tornadoes: ~30

Fatalities: 6 (IA/KS), Injuries: 51

Est. Losses: ~\$25 Million



Jennifer Hanni

KS Wind Erosion Laboratory



National Oceanic and Atmospheric Administration's

# National Weather Service

weather.gov

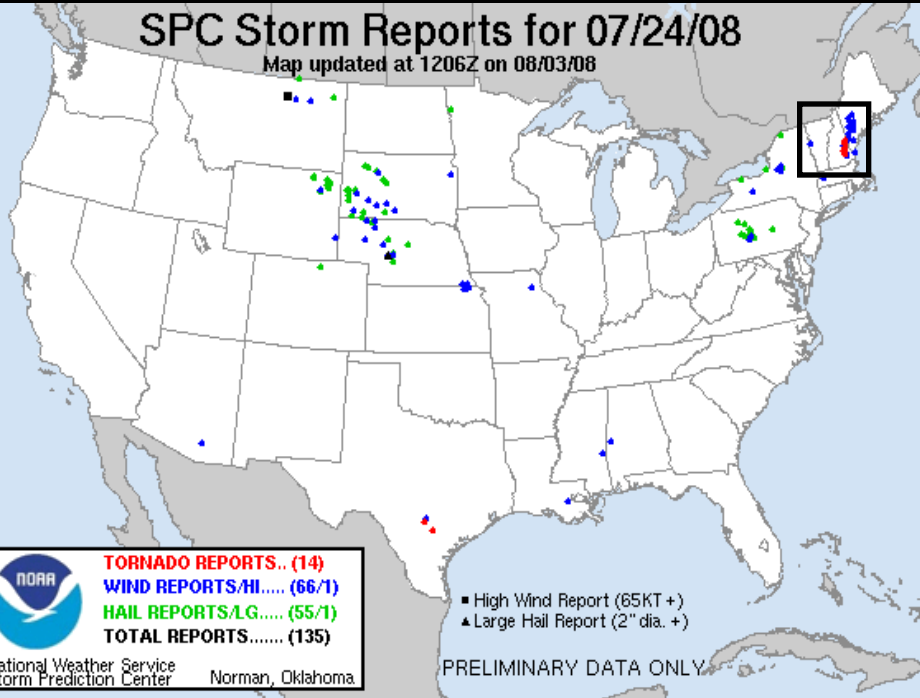


Lori Mehmen



## SPC Storm Reports for 07/24/08

Map updated at 1206Z on 08/03/08



Preliminary Summary for this Event:

Tornadoes: 1 EF2 with nearly 40 mile path!

Fatalities: 1, Injuries: n/a

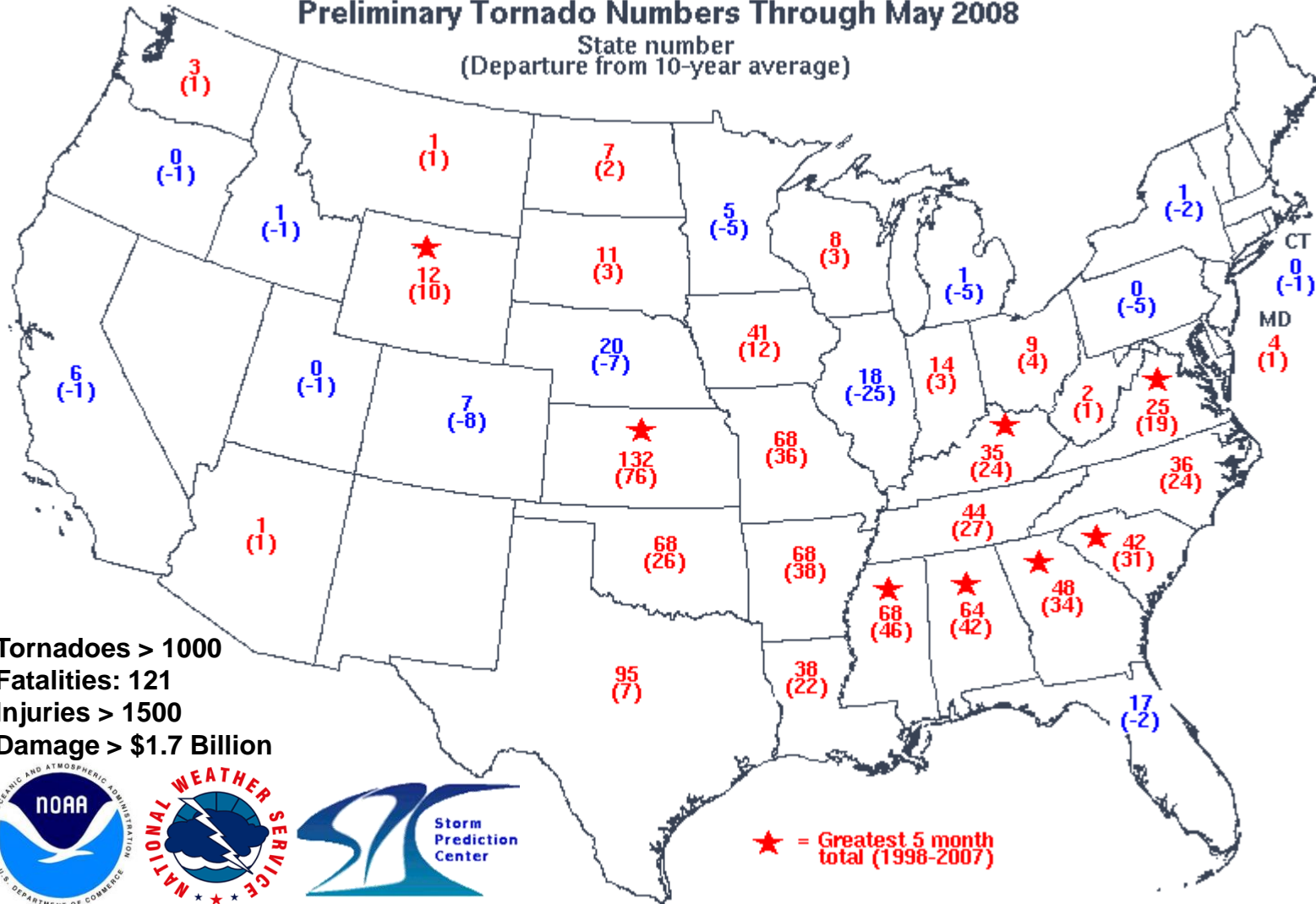
Est. Losses: n/a



# National Weather Service

## Preliminary Tornado Numbers Through May 2008

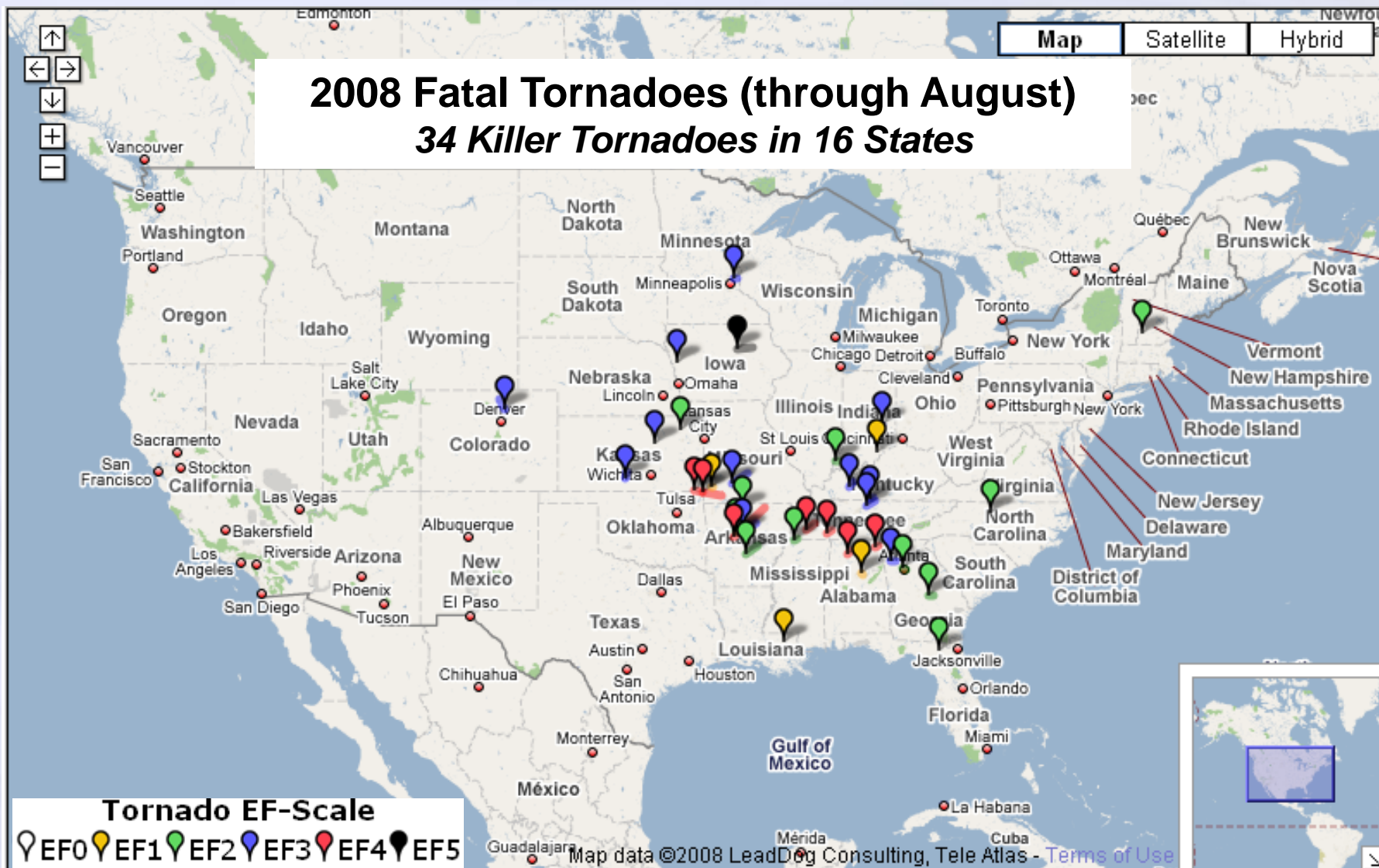
State number  
(Departure from 10-year average)



Tornadoes > 1000  
 Fatalities: 121  
 Injuries > 1500  
 Damage > \$1.7 Billion



★ = Greatest 5 month total (1998-2007)





National Oceanic and Atmospheric Administration's

# National Weather Service

weather.gov



<http://www.spc.noaa.gov>

Gregory.Carbin@noaa.gov