April 10, 2011 Tornado Outbreak in Central and Northern Wisconsin

Wisconsin tied its largest April daily tornado outbreak on Sunday, April 10, 2011. Ten tornadoes were documented in central and northern parts of the state, including at least three strong tornadoes (EF2 or EF3). This ties the record of 10 tornadoes on April 27, 1984.

Additionally, there were numerous reports of large hail and damaging thunderstorm winds across most parts of the state. Hail stones up to 2.75 inches in diameter occurred and straight-line wind gusts up to 80 mph (hurricane-force) were noted by severe weather spotters.

On Sunday, April 10th, a warm front pushed north into northern Wisconsin, which allowed temperatures to reach the 70s to lower 80s. During the afternoon and evening hours a cold front punched east into a warm, humid, unstable airmass. Strong wind and the jet stream resulted in many supercell thunderstorms, some of which produced tornadoes.

Storms started to rapidly develop around 4 p.m., and the storm movement was very fast – 60 to 70 mph at times. At these speeds, the storms exited Wisconsin by 11 pm.

April 10th severe weather was anticipated several days in advance.

The southern third of Wisconsin escaped most of the severe weather – only scattered large hail and downburst wind damage was noted.

Below is a listing of the tornadoes on April 10th.

Time (PM CDT)	County	Start	End	EF	Path Length	Path Width	Max Wind
457-503	Eau Claire	5SW Augusta	3.5SW Augusta	EF1	1.5 miles	unknown	105 mph
504-506	Eau Claire	1.3 NW Augusta	2NNW Augusta	EF1	¾ mile	unknown	100 mph
After 6	Lincoln (Merrill)	1N Hamburg	Near Gleason	EF3	22 miles	1/4 mile	140 mph
612-630	Adams	3W Arkdale	5.5NW Coloma	EF2	17 miles	800 yds	125 mph
633–642	Adams - Waushara	6SW Hancock	2SE Hancock	EF1	9.3 mile s	unknown	100 mph
720 pm	Waushara-Waupaca	West Bloomfield	Readfield	EF1	unknown	200 yds	100 mph
753-807	Waushara-Winnebago	Poy Sippi	2W Windchester	EF1	14.8 miles	100 yds	105 mph
733-747	Forest	3SE Argonne	2E Newald	EF2	13 miles	600 yds	115 mph
803-807	Forest	4W Armstrong Creek	1NW Armstrong Creek	EF1	4.5 miles	250 yds	105 mph
844-846	Outagamie	Kaukauna (sw)	Kaukauna 9s)	EF1	1.5 miles	125 yds	105 mph