

## Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ILLINOIS, Central

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<b>(IL-Z030) MARSHALL, (IL-Z031) WOODFORD, (IL-Z038) MCLEAN, (IL-Z045) CHAMPAIGN, (IL-Z046) VERMILION</b>				
	12/03/10 18:00 CST		0	Heavy Snow
	12/04/10 17:00 CST		0	

Low pressure tracking from the Dakotas southeastward into the Ohio River Valley brought heavy snow to the northern third of Illinois during the evening of December 3rd into the morning of December 4th. The snow occurred primarily along and northeast of the I-74 corridor, with areas from Henry southeastward to Champaign-Urbana picking up in excess of 6 inches.

<b>(IL-Z027) KNOX, (IL-Z028) STARK, (IL-Z029) PEORIA, (IL-Z030) MARSHALL, (IL-Z031) WOODFORD, (IL-Z036) FULTON, (IL-Z037) TAZEWELL, (IL-Z038) MCLEAN, (IL-Z040) SCHUYLER, (IL-Z041) MASON, (IL-Z042) LOGAN, (IL-Z043) DE WITT, (IL-Z044) PIATT, (IL-Z045) CHAMPAIGN, (IL-Z046) VERMILION</b>				
	12/12/10 03:00 CST		0	Blizzard
	12/13/10 15:00 CST		0	

<b>(IL-Z050) MORGAN, (IL-Z051) SANGAMON, (IL-Z056) COLES, (IL-Z062) CUMBERLAND, (IL-Z063) CLARK, (IL-Z068) CRAWFORD, (IL-Z073) LAWRENCE</b>				
	12/12/10 03:00 CST		0	Winter Weather
	12/13/10 15:00 CST		0	

An intense area of low pressure tracked from Iowa into the eastern Great Lakes on Sunday, December 12th. The heaviest snow with this system remained well to the north across parts of Minnesota and Wisconsin: however, lighter snow ranging from 2 to 4 inches fell further south across central Illinois. As the low deepened, strong northwesterly winds gusting over 50 mph at times developed, creating white-out conditions in many locations. Sharply colder air streamed into the region behind the departing system, resulting in wind-chill values plunging well below zero into December 13th.

<b>(IL-Z050) MORGAN, (IL-Z057) EDGAR, (IL-Z068) CRAWFORD</b>				
	12/15/10 18:00 CST		0	Winter Weather
	12/17/10 18:00 CST		0	

A weather disturbance tracked from the Plains through central Illinois on December 15th and 16th, spreading a mixture of snow, sleet, and freezing rain across the area. Snowfall amounts of 2 to 4 inches were reported along and northeast of the I-74 corridor...with mainly freezing rain reported further south. Ice accumulations were less than one quarter of an inch. Despite the light nature of the wintery precipitation, several traffic accidents were reported around the area, including one that killed a man in rural Crawford County.

<b>(IL-Z029) PEORIA, (IL-Z031) WOODFORD, (IL-Z036) FULTON, (IL-Z037) TAZEWELL, (IL-Z038) MCLEAN</b>				
	12/24/10 10:00 CST		0	Heavy Snow
	12/25/10 03:00 CST		0	

An area of low pressure tracking from the Dakotas southeastward into the Ohio River Valley brought snow to central and southeast Illinois from the morning of December 24th to the early morning hours of December 25th. Widespread 3 to 5-inch amounts were common...with many locations along and north of a Canton to Bloomington-Normal line picking up around 6 inches. Numerous traffic accidents were reported on Christmas Eve, one of which killed a man in McLean County.

<b>MORGAN COUNTY --- 2.0 NW JACKSONVILLE [39.75, -90.26]</b>				
	12/31/10 12:09 CST		0	Hail (0.75 in)
	12/31/10 12:10 CST		0	Source: Law Enforcement

<b>MENARD COUNTY --- 2.0 WNW LINCNS NEW SALEM ST [39.98, -89.86], 2.3 N TICE [40.01, -89.80]</b>				
	12/31/10 12:37 CST		12M	Tornado (EF3, L: 3.63 mi , W: 200 yd)
	12/31/10 12:40 CST	1	0	Source: NWS Storm Survey

A tornado touched down on the west side of Lake Petersburg at 12:37 PM CST, then tracked northeast over the lake and across Sunny Acres Road, before lifting southeast of the intersection of Tice Road and Illinois 123 at 12:40 PM CST. A total of 29 homes sustained significant structural damage, four of which could not be repaired. Two barns were also destroyed, and nearly 100 houses and a nursing home had minor damage along the path of the tornado. One person was seriously injured when the tornado caused a large tree limb to fall on their automobile, crushing the car and trapping the occupant.

A strong cold front pushed across central Illinois on December 31st, triggering a line of strong to severe thunderstorms. Unseasonably warm and moist air ahead of the front aided in initial storm development, while a strong upper-level disturbance created a highly

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sheared environment. One of the resulting supercell thunderstorms produced an EF3 tornado that tracked across the Lake Petersburg area in Menard County, creating considerable damage.