

SIGNIFICANT EVENTS

Severe Storms

November 1994

On Nov. 1, 1994, high winds gusted over 60 mph at times across the northwest third of Ohio. The highest measured wind gust was 63 mph at Columbus Grove (Putnam). Damage included scattered trees, limbs, and power lines downed. A roof was reported blown off a trailer in Butler County and a church under construction in Hancock County was severely damaged when much of the framing blew over. A chimney was toppled in Richland County and a motorist was injured in Ottawa County. Fire departments battled a number of fires started from embers from leaf burning then regenerated from the strong winds. Property damage was estimated at \$500,000.

January 1996

The January Blizzard of '96 developed near the Gulf Coast and moved up the East Coast. This massive system produced the greatest total and 24 hour snowfall at Greater Cincinnati's Northern Kentucky airport. This one storm brought 14.3 inches of snowfall to the airport which normally receives 23 inches for an entire season. The heaviest snow fell near the Ohio River in the extreme south. The worst blizzard conditions occurred over West Central areas as dry and powdery snow was blown around by high winds causing whiteouts. Some areas had more than 30 continuous hours of snowfall. In Fayette County, the airport reported a wind gust to 56 mph during the height of the storm. By the end of the storm many homes and businesses had their roof collapse or partially collapse from the weight of the new snow, and snow from a storm earlier in the week. By late in the day on January 7th, arctic air was pouring into the region. There were two deaths reported, caused by exposure. The property damage report totaled \$14.3 million.

August 1998 and May 2000

Two hail events were reported as having done property damage to the residents of Champaign County. On Aug 25, 1998 hail up to the size of tennis balls caused at least one broken windshield and caused \$10,000 in property damage. On May 18, 2000, large hail fell causing damage to the roof of a business. The hail also dented three trucks and cracked a car's windshield. The property damage recorded was \$25,000.

March 2002

On March 9, 2002, a widespread area of high winds blew down trees, power poles, and various other smaller structures and signs. Approximately 100,000 people were without power. One man was killed when his semi tractor overturned. Several others were injured in automobile accidents and when trees fell on the buildings they occupied. Two people were briefly trapped in a mobile home when a tree fell on it. The hardest hit area was just southwest of Columbus in Grove City where an 84 mph wind was recorded and several structures at the high school were damaged or destroyed. Property damage was estimated at \$971,000.

May 2002

In Champaign County on May 12, 2002, a 12-year old boy was seriously injured by a lightning strike; two other boys were with him when the event happened. They all complained of minor muscle spasms in their legs.

Champaign County

Flooding

July 2003

On July 7, 2003 several clusters of heavy thunderstorms continued to move across western Ohio during the early morning, and again in the afternoon. An additional two to four inches of rain fell from the thunderstorms, exacerbating flooding in water-logged areas. Flooded roads and creeks and small streams out of their banks occurred throughout the region. Some of the worst flooding was in Shelby and Logan counties, where evacuations took place near the swollen Great Miami River. Evacuations took place in Lakeview and Jackson Center with numerous homes and structures inundated with water. Monetary damage was estimated at \$600,000.

Tornadoes

April 1999

On April 9, 1999 a F1 Fujita Scale Tornado touched down near Middletown. The damage was between State Route 245 and State Route 296. The path was a quarter-mile wide and a half-mile long. As the storm moved through numerous trees were uprooted and some structural damage occurred to a few houses and mobile homes. The storm followed close to State Route 245 as it then moved into Union County. All of the damage reported in Union County was a result of straight-line thunderstorm winds. Property damage was estimated at \$300,000.

Tornadoes

July 1999

On July 1, 1999 dry conditions that began in the spring and early summer continued into July. Excessive heat contributed to substantial crop loss across much of the state. Rainfall was widely scattered and did little to help farmers. According to the information provided by the NCDC (National Climatic Data Center), crop damage amounts were not available at the time of their report.

August 1999

On Aug 1, 1999 another report was filed at the NCDC. It described drought conditions continuing across the Ohio Valley through August with most areas receiving well below normal rainfall for the month. In some areas around 50% of crops were considered total losses. Most counties in southwest Ohio were declared Federal Disaster Areas by the US Department of Agriculture. As above, at the time the report was filed, no monetary damage estimates relating to crop loss were available.

Earthquakes

June 1843 and 1845

The two events happened in the late 19th century. The first was on June 19, 1843 with a magnitude of 3.5 and was felt within 1.1 square miles. The location was at 40.100 Lat N, 83.800 Lon W. The second event happened June 18, 1875 with a magnitude of 4.7 and was felt within 120.6 square miles. The location was recorded at 40.200 Lat N, 84.000 Lon W.

Storm Events Database

Winter Storm Data

2 event(s) were reported between 10/01/2006 and 07/01/2012.

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
Totals:					0	0	0.00K	0.00K
CHAMPAIGN	02/21/2008	1930	Winter Storm		0	0	0.00K	0.00K
CHAMPAIGN	03/07/2008	1200	Winter Storm		0	0	0.00K	0.00K
Totals:					0	0	0.00K	0.00K

Winter Weather

18 event(s) were reported between 10/01/2006 and 07/01/2012.

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
Totals:					0	0	0.00K	0.00K
CHAMPAIGN	12/04/2007	2300	Winter Weather		0	0	0.00K	0.00K
CHAMPAIGN	12/07/2007	0	Winter Weather		0	0	0.00K	0.00K
CHAMPAIGN	01/01/2008	600	Winter Weather		0	0	0.00K	0.00K
CHAMPAIGN	02/22/2008	400	Winter Weather		0	0	0.00K	0.00K
CHAMPAIGN	12/19/2008	0	Winter Weather		0	0		
CHAMPAIGN	12/19/2009	200	Winter Weather		0	0		
CHAMPAIGN	01/07/2010	500	Winter Weather		0	0		
CHAMPAIGN	02/09/2010	200	Winter Weather		0	0		
CHAMPAIGN	03/25/2010	2100	Winter Weather		0	0		
CHAMPAIGN	12/12/2010	800	Winter Weather		0	0		
CHAMPAIGN	01/11/2011	500	Winter Weather		0	0		
CHAMPAIGN	01/20/2011	600	Winter Weather		0	0		
CHAMPAIGN	02/24/2011	2200	Winter Weather		0	0		
CHAMPAIGN	01/02/2012	400	Winter Weather		0	0		
CHAMPAIGN	01/19/2012	800	Winter Weather		0	0		

CHAMPAIGN	01/20/2012	2000	Winter Weather		0	0		
CHAMPAIGN	02/10/2012	1500	Winter Weather		0	0		
CHAMPAIGN	02/14/2012	500	Winter Weather		0	0		
Totals:					0	0	0.00K	0.00K

Thunder Storms – Wind

19 event(s) were reported between 10/01/2006 and 07/01/2012.

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
Totals:					0	0	150.00K	0.00K
URBANA	05/15/2007	2208	Thunderstorm Wind	50 kts.	0	0	3.00K	0.00K
URBANA	06/17/2007	1645	Thunderstorm Wind	50 kts.	0	0	8.00K	0.00K
URBANA	08/16/2007	329	Thunderstorm Wind	50 kts.	0	0	3.00K	0.00K
KENNARD	12/23/2007	725	Thunderstorm Wind	50 kts.	0	0	3.00K	0.00K
URBANA	06/13/2008	1509	Thunderstorm Wind	50 kts.	0	0	5.00K	0.00K
URBANA	06/15/2008	2051	Thunderstorm Wind	50 kts.	0	0	3.00K	0.00K
URBANA	06/25/2008	2226	Thunderstorm Wind	50 kts.	0	0	10.00K	0.00K
MECHANICSBURG	06/25/2008	2250	Thunderstorm Wind	50 kts.	0	0	3.00K	0.00K
URBANA	07/12/2008	2145	Thunderstorm Wind	52 kts.	0	0	6.00K	0.00K
WESTVILLE	02/11/2009	1835	Thunderstorm Wind	50 kts.	0	0	8.00K	0.00K
URBANA	05/03/2010	1945	Thunderstorm Wind	50 kts.	0	0	10.00K	
CATAWBA STATION	06/15/2010	2137	Thunderstorm Wind	50 kts.	0	0	2.00K	0.00K
CHRISTIANSBURG	09/07/2010	1521	Thunderstorm Wind	50 kts.	0	0	5.00K	0.00K
CRAYON	04/27/2011	910	Thunderstorm Wind	50 kts.	0	0	1.00K	0.00K
MECHANICSBURG	05/23/2011	1947	Thunderstorm Wind	50 kts.	0	0	1.00K	0.00K
NORTHVILLE	08/07/2011	1518	Thunderstorm Wind	78 kts.	0	0	70.00K	0.00K
MECHANICSBURG	08/09/2011	2110	Thunderstorm Wind	50 kts.	0	0	2.00K	0.00K
URBANA	09/03/2011	2305	Thunderstorm Wind	50 kts.	0	0	6.00K	0.00K
URBANA	03/30/2012	1820	Thunderstorm Wind	50 kts.	0	0	1.00K	0.00K
Totals:					0	0	150.00K	0.00K

High Wind

4 event(s) were reported between 10/01/2006 and 07/01/2012.

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
Totals:					0	0	4.712M	0.00K
CHAMPAIGN	12/01/2006	1230	High Wind	36 kts.	0	0	10.00K	0.00K
CHAMPAIGN	09/14/2008	1430	High Wind	52 kts.	0	0	4.70M	
CHAMPAIGN	02/11/2009	2100	High Wind	50 kts.	0	0		
CHAMPAIGN	12/09/2009	1246	High Wind	50 kts.	0	0	2.00K	
Totals:					0	0	4.712M	0.00K

Hail

13 event(s) were reported between 10/01/2006 and 07/01/2012.

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
Totals:					0	0	2.00K	0.00K
NORTH LEWISBURG	06/22/2008	1311	Hail	0.75 in.	0	0	1.00K	0.00K
URBANA	06/25/2008	2226	Hail	0.75 in.	0	0	1.00K	0.00K
NORTH LEWISBURG	03/23/2011	1436	Hail	1.00 in.	0	0		
MUTUAL	05/11/2011	0	Hail	0.75 in.	0	0		
URBANA	05/11/2011	25	Hail	1.00 in.	0	0		
URBANA	05/25/2011	2030	Hail	0.75 in.	0	0		
URBANA	05/26/2011	29	Hail	0.75 in.	0	0		
CHAMPAIGN	06/10/2011	1736	Hail	0.75 in.	0	0		
SPRING HILLS	03/18/2012	1513	Hail	1.00 in.	0	0		
SPRING HILLS	03/18/2012	1513	Hail	0.75 in.	0	0		
NORTH LEWISBURG	03/18/2012	1605	Hail	0.88 in.	0	0		
NORTH LEWISBURG	03/18/2012	1614	Hail	1.50 in.	0	0		
MINGO	03/30/2012	1729	Hail	1.00 in.	0	0		
Totals:					0	0	2.00K	0.00K

Flash Flood

1 event(s) were reported between 10/01/2006 and 07/01/2012.

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
Totals:					1	0	15.00K	0.00K
WESTVILLE	07/12/2008	2147	Flash Flood		1	0	15.00K	0.00K
Totals:					1	0	15.00K	0.00K

Flooding

8 event(s) were reported between 10/01/2006 and 07/01/2012.

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
Totals:					0	0	21.00K	0.00K
URBANA	03/02/2007	0	Flood		0	0	3.00K	0.00K
URBANA	03/14/2007	722	Flood		0	0	2.00K	0.00K
BOWLUSVILLE	03/19/2008	830	Flood		0	0	3.00K	0.00K
WESTVILLE	07/13/2008	30	Flood		0	0	1.00K	0.00K
URBANA	05/11/2011	611	Flood		0	0	10.00K	0.00K
CHRISTIANSBURG	12/05/2011	2033	Flood		0	0	1.00K	0.00K
ST PARIS	01/27/2012	100	Flood		0	0	1.00K	0.00K
NORTH LEWISBURG	03/18/2012	1614	Flood		0	0	0.00K	0.00K
Totals:					0	0	21.00K	0.00K

Ice Storm

3 event(s) were reported between 10/01/2006 and 07/01/2012.

'Mag': Magnitude, 'Dth': Deaths, 'Inj': Injuries, 'PrD': Property Damage, 'CrD': Crop Damage

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
Totals:					0	0	0.00K	0.00K
CHAMPAIGN	12/23/2008	2000	Ice Storm		0	0		
CHAMPAIGN	01/10/2009	0	Ice Storm		0	0		
CHAMPAIGN	02/01/2011	0	Ice Storm		0	0		
Totals:					0	0	0.00K	0.00K