

Appendix F – NCDC Weather Data

NCDC Weather Data

Type	Date	Location	Damage	Injury	Fatal	Description
Flood						
	3/25/1994	Olean	\$50,000.00	0	0	At Olean flooding along the Allegany River closed a portion of West River Road. Lowland and minor flooding was reported along each.
	7/13/1994	Ellicottville	\$50,000.00	0	0	Slow moving thunderstorms dropped heavy rains which resulted in flash flooding. Roads were closed in the town of Ellicottville.
	1/19/1996	Portville	\$2,500,000.00	0	0	Rapid snowmelt of 1-2 feet of snow combined with heavy rainfall of over two inches to produce significant flooding. Nearly three hundred homes were damaged by flood waters. The Allegheny River caused major flooding and forced the evacuation of scores of p
	4/12/1996	Freedom	\$10,000.00	0	0	Strong thunderstorms dropped several inches of rain in a short amount of time. The flash floods closed roads and flooded basements. In Freedom, Rte. 98 was closed.
	5/10/1996	Ischua	\$50,000.00	0	0	Torrential rains caused flash flooding, washing out roads. The driver of a pickup truck escaped injury when a mudslide on Rt.16 overturned his truck.
	8/27/1996	Olean	\$11,000.00	0	0	Thunderstorms dropped over an inch of rain in less than an hour producing localized flash flooding.
	7/15/1997	Ellicottville	\$15,000.00	0	0	The thunderstorms dropped several inches of rain over the western southern tier resulting in flooded roads and basements
	1/8/1998	Conewango	\$10,000.00	0	0	Flash Flood
	1/8/1998	Conewango	\$1,000.00	0	0	Flash Flood
	6/26/1998	Village of Gowanda	\$2,500,000.00	0	0	Five to six inches of rain fell in a two hundred square mile area sending small streams out of their banks causing several million dollars worth of property damage in the Village of Gowanda. Cattaraugus Creek rose faster than any time in memory and creste
	8/14/1998	Red House	\$12,000.00	0	0	An isolated thunderstorm produced damaging winds which downed trees and power lines in Allegany State Park. The slow moving thunderstorm also produced two to three inches of rain which resulted in localized flooding. Several roads in the park were washed

Type	Date	Location	Damage	Injury	Fatal	Description
	1/23/1999	Yorkshire	\$10,000.00	0	0	Flash Flood
	1/23/1999	Yorkshire	\$10,000.00	0	0	Flash Flood
	1/23/1999	Yorkshire	\$15,000.00	0	0	Flash Flood
	8/20/1999	Olean	\$35,000.00	0	0	Flash Flood
	6/15/2000	Farmersville	\$15,000.00	0	0	Thunderstorms dropped heavy rain on already saturated soil resulting in flash flooding during the early morning hours. Roads and basements were flooded.
	7/29/2000	Salamanca	\$1,000,000.00	0	0	Torrential rains caused destructive flash flooding during the afternoon and evening hours. Over three inches of rain fell in less than a couple of hours. Over forty basements were flooded. Roads were washed away including the Parkway Drive Extension.
	7/31/2000	Salamanca	\$500,000.00	0	0	The mayor declared a State of Emergency with no unnecessary travel in the city. The eastbound lanes of Interstate 86 were closed from Salamanca to Olean due to mudslides. Roads were flooded throughout the city. About one hundred basements were flooded. Th
	7/31/2000	Salamanca	\$500,000.00	0	0	Flash Flood
	8/9/2000	Napoli	\$200,000.00	0	0	Flash Flood
	9/2/2000	Randolph	\$75,000.00	0	0	Flash Flood
	3/21/2003	Along Allegheny River between Olean and Salamanca	\$200,000.00	0	0	An abrupt change to warmer weather at mid-month resulted in a quick meltdown of the winter snowpack. the Allegheny River exceeded flood stage at both Olean and Salamanca, cresting at 11.6 feet and 12 feet, respectively.
	7/22/2003	Red House	\$2,500,000.00	0	0	The heavy rains and flash flooding resulted in evacuation of some camp areas
	7/22/2003	Limestone	\$2,500,000.00	0	0	An upper low continued to produce thunderstorms.
	8/9/2003	Ischua	\$1,000,000.00	0	0	Sections of Route 16 were washed out between Five Mile Road and Maplehurst Road. A resident living next to Ischua Creek said the water rose eight to ten feet in two hours between 7:00 and 9:00 PM. Cattaraugus County was declared a state and federal disas
	9/9/2004	Catt.Co.	\$230,000.00	0	0	Flood
	1/14/2005	Catt.Co.	\$2,000.00	0	0	Flood
	3/15/2007	Olean	\$100,000.00	0	0	Flood
	3/15/2007	Salamanca	\$50,000.00	0	0	Flood

Type	Date	Location	Damage	Injury	Fatal	Description
	3/11/2009	Allegany	\$10,000.00	0	0	Flood
	7/11/2009	Perrysburg	\$15,000.00	0	0	Flash Flood
	8/9/2009	Gowanda	\$45,000,000.00	1	1	Flash Flood
	8/9/2009	West Perrysburg	\$250,000.00	0	0	Flash Flood
	1/25/2010	Hinsdale	\$20,000.00	0	0	Flood
	7/9/2010	Little Valley	\$15,000.00	0	0	Flash Flood
	12/1/2010	Olean Giermek Arp	\$100,000.00	0	0	Flood
	12/1/2010	Salamanca	\$75,000.00	0	0	Flood
	3/6/2011	Olean	\$25,000.00	0	0	Flood
	3/11/2011	Carrollton	\$25,000.00	0	0	Flood
	3/11/2011	Olean	\$25,000.00	0	0	Flood
	5/13/2011	Salamanca	\$150,000.00	0	0	Flash Flood
	5/13/2011	Yorkshire	\$30,000.00	0	0	Flash Flood
	5/19/2011	Little Valley	\$150,000.00	0	0	Flash Flood
Summary for 'Type' = Flood (43 detail records)						
Sum			\$60,041,000.00			
Hail						
	6/29/1994	Little Valley	\$5,000.00	0	0	None Available
	6/29/1994	Little Valley	\$5,000.00	0	0	None Available
	7/25/1994	Salamanca	\$5,000.00	0	0	Afternoon thunderstorms produced damaging winds which downed trees and power lines.
	7/25/1994	Salamanca	\$5,000.00	0	0	Afternoon thunderstorms produced damaging winds which downed trees and power lines.
	4/21/1995	Cattaraugus	\$2,000.00	0	0	None Available
	4/21/1995	Cattaraugus	\$2,000.00	0	0	None Available
	6/21/1995	Allegany	\$8,000.00	0	0	None Available
	6/21/1995	Allegany	\$8,000.00	0	0	None Available
	8/15/1996	Olean	\$2,000.00	0	0	None Available
	8/15/1996	Olean	\$2,000.00	0	0	None Available
	7/8/1997	Salamanca	\$11,000.00	0	0	Severe thunderstorms crossed the area during the afternoon hours . The strong winds downed trees and power lines. A party tent was blown over. Scattered power outages were reported.

Type	Date	Location	Damage	Injury	Fatal	Description
	7/8/1997	Salamanca	\$11,000.00	0	0	Severe thunderstorms crossed the area during the afternoon hours . The strong winds downed trees and power lines. A party tent was blown over. Scattered power outages were reported.
	7/18/1997	Franklinville	\$10,000.00	0	0	Thunderstorms developed ahead of a strong cold front and brought high winds and large hail to the region
	7/18/1997	Franklinville	\$7,000.00	0	0	Thunderstorms developed ahead of a strong cold front and brought high winds and large hail to the region
	7/18/1997	Franklinville	\$7,000.00	0	0	Thunderstorms developed ahead of a strong cold front and brought high winds and large hail to the region
	7/18/1997	Franklinville	\$10,000.00	0	0	Thunderstorms developed ahead of a strong cold front and brought high winds and large hail to the region
	5/31/1998	Carrollton	\$8,000.00	0	0	Again the thunderstorms produced high winds, large hail and torrential rains.
	5/31/1998	Carrollton	\$8,000.00	0	0	Again the thunderstorms produced high winds, large hail and torrential rains.
	6/2/1998	Ellicottville	\$10,000.00	0	0	The storms produced hailstones up to 1.5". Although the stones were not excessively large, what was unusual for the area was the number and areal coverage of the reported hail.
	6/2/1998	Ellicottville	\$10,000.00	0	0	The storms produced hailstones up to 1.5". Although the stones were not excessively large, what was unusual for the area was the number and areal coverage of the reported hail.
	6/29/1998	Salamanca	\$25,000.00	0	0	Thunderstorms which rolled across the western southern tier during the late afternoon hours produced damaging winds and golfball sized hail.
	6/29/1998	Salamanca	\$25,000.00	0	0	Thunderstorms which rolled across the western southern tier during the late afternoon hours produced damaging winds and golfball sized hail.
	7/25/1999	Olean	\$5,000.00	0	0	The thunderstorms produced nickel-sized hail and brief downpours. The downburst winds from the thunderstorms downed trees and limbs.
	7/25/1999	Olean	\$5,000.00	0	0	The thunderstorms produced nickel-sized hail and brief downpours. The downburst winds from the thunderstorms downed trees and limbs.

Type	Date	Location	Damage	Injury	Fatal	Description
	5/9/2000	Little Valley	\$8,000.00	0	0	Thunderstorms developed during the evening hours along lake breezes from Lake Erie. The thunderstorms produced hail up to one inch in diameter
	5/9/2000	Little Valley	\$8,000.00	0	0	Thunderstorms developed during the evening hours along lake breezes from Lake Erie. The thunderstorms produced hail up to one inch in diameter
	5/24/2000	Gowanda	\$5,000.00	0	0	In addition to producing hail up to one inch in diameter, the thunderstorms produced damaging winds. Trees and lines were downed
	5/24/2000	Gowanda	\$5,000.00	0	0	In addition to producing hail up to one inch in diameter, the thunderstorms produced damaging winds. Trees and lines were downed
	10/21/2001	Ellicottville	\$45,000.00	0	0	Hail up to 1" in diameter was also reported with the storms
	10/21/2001	Ellicottville	\$45,000.00	0	0	Hail up to 1" in diameter was also reported with the storms
	4/28/2002	Randolph	\$0.00	0	0	The thunderstorms produced hail up to 1.25" in diameter
	4/28/2002	Portville	\$0.00	0	0	The thunderstorms produced hail up to 1.25" in diameter
	4/28/2002	Randolph	\$0.00	0	0	The thunderstorms produced hail up to 1.25" in diameter
	4/28/2002	Portville	\$0.00	0	0	The thunderstorms produced hail up to 1.25" in diameter
	6/4/2002	Little Valley	\$5,000.00	0	0	The thunderstorms intensified during the late afternoon hours with 3/4" to 1" hail
	6/4/2002	Little Valley	\$5,000.00	0	0	The thunderstorms intensified during the late afternoon hours with 3/4" to 1" hail
	5/1/2003	Little Valley	\$8,000.00	0	0	Across the western sections the thunderstorms produced hail up to 1.75 inches.
	5/1/2003	Little Valley	\$8,000.00	0	0	Across the western sections the thunderstorms produced hail up to 1.75 inches.
	4/12/2008	Machias	\$2,000.00	0	0	Hail
	6/23/2008	Ellicottville	\$5,000.00	0	0	Hail
	7/22/2008	Ischua	\$5,000.00	0	0	Hail
	7/22/2008	Maplehurst	\$5,000.00	0	0	Hail
	8/2/2008	Clear Creek	\$8,000.00	0	0	Hail
	8/2/2008	Cattaraugus	\$8,000.00	0	0	Hail
	8/2/2008	East Randolph	\$8,000.00	0	0	Hail

Type	Date	Location	Damage	Injury	Fatal	Description
	6/23/2010	Ashford		0	0	Hail
	7/17/2010	Sugartown	\$5,000.00	0	0	Hail
	5/3/2012	Westons Mills	\$15,000.00	0	0	Hail
	5/29/2012	Great Valley		0	0	Hail
Summary for 'Type' = Hail (49 detail records)						
Sum		\$399,000.00				
Ice Storm						
	12/22/1997	Catt. Co.	\$18,000.00	0	0	An ice storm during the late afternoon left slick roads across the western southern tier. Numerous auto accidents occurred. Ice accumulated up to 1/2" and combined with several inches of snow to create hazardous conditions.
	11/17/2002	Catt. Co.	\$42,000.00	0	0	Ice Storm
Summary for 'Type' = Ice Storm (2 detail records)						
Sum		\$60,000.00				
Severe Storm						
	4/16/1993	Delevan	\$50,000.00	0	0	Thunderstorm/Wind
	8/31/1993	Olean	\$50,000.00	0	0	Thunderstorm/Wind
	9/2/1993	Olean	\$50,000.00	0	0	Thunderstorm/Wind
	6/11/1994	Allegany State Park	\$5,000.00	0	0	Thunderstorm winds downed about a dozen trees in Allegany State Park.
	6/13/1994	Randolph	\$5,000.00	0	0	Thunderstorms/Wind
	6/13/1994	Little Valley	\$5,000.00	0	0	Thunderstorms/Wind
	7/6/1994	Ellicottville	\$5,000.00	0	0	Thunderstorms/Wind
	7/18/1994	Humphrey	\$5,000.00	0	0	Thunderstorms/Wind
	7/24/1994	Carrollton	\$5,000.00	0	0	An isolated thunderstorm produced damaging winds that downed trees and tree limbs.
	8/2/1994	Allegany State Park	\$50,000.00	0	0	Thunderstorms that formed in warm, moist air produced damaging winds during the afternoon hours. The strong winds downed trees and wires. In addition, the heavy rains from the thunderstorms (three to four inches in some spots) resulted in flash floods and
	8/4/1994	Machias	\$50,000.00	0	0	Thunderstorm/Wind
	8/4/1994	South Valley	\$5,000.00	0	0	Thunderstorm/Wind
	8/28/1994	South Dayton	\$50,000.00	0	0	Thunderstorm/Wind
	8/28/1994	Leon	\$50,000.00	0	0	Thunderstorm/Wind

Type	Date	Location	Damage	Injury	Fatal	Description
	5/14/1995	Great Valley	\$5,000.00	0	0	Severe thunderstorm winds downed tree limbs and power lines over parts of western New York.
	5/24/1995	Allegany State Park	\$5,000.00	0	0	Thunderstorms/Winds
	7/5/1995	Otto	\$8,000.00	0	0	Thunderstorms/Winds
	7/6/1995	Olean	\$10,000.00	0	0	Thunderstorms/Winds
	7/13/1995	Franklinville	\$2,000.00	0	0	Thunderstorm/Winds
	7/15/1995	Little Valley	\$10,000.00	0	0	Thunderstorm/Winds
	8/4/1995	Olean	\$5,000.00	0	0	Thunderstorm/Winds
	8/15/1996	New Albion	\$21,000.00	0	0	Thunderstorm winds were strong enough to down a series of telephone poles.
	8/20/1996	Farmersville	\$5,000.00	0	0	Thunderstorm/Wind
	5/19/1997	Randolph	\$23,000.00	0	0	Thunderstorms developed along a lake breeze in the late afternoon hours. The thunderstorms produced damaging winds which downed trees and power lines. Heavy rains accompanied the thunderstorms and resulted in poor drainage and urban flooding.
	6/25/1997	Red House	\$15,000.00	0	0	Thunderstorms developed during the afternoon hours along lake breezes from Lakes Erie and Ontario. The thunderstorm winds downed trees and power lines. Scattered power outages were reported.
	7/8/1997	Allegany	\$5,000.00	0	0	Severe thunderstorms crossed the area during the afternoon hours . The strong winds downed trees and power lines. A party tent was blown over. Scattered power outages were reported.
	7/18/1997	Dayton	\$15,000.00	0	0	Thunderstorms developed ahead of a strong cold front and brought high winds and large hail to the region. The high winds downed trees and power lines and caused minor structural damage. Several fires were reported as a result of lightning strikes. The he
	7/18/1997	Dayton	\$10,000.00	0	0	Thunderstorms developed ahead of a strong cold front and brought high winds and large hail to the region. The high winds downed trees and power lines and caused minor structural damage. Several fires were reported as a result of lightning strikes. The he

Type	Date	Location	Damage	Injury	Fatal	Description
	7/18/1997	Otto	\$8,000.00	0	0	Thunderstorms developed ahead of a strong cold front and brought high winds and large hail to the region. The high winds downed trees and power lines and caused minor structural damage. Several fires were reported as a result of lightning strikes. The hea
	8/16/1997	Otto	\$25,000.00	0	0	Thunderstorms developed in warm unstable air during the early afternoon hours. The thunderstorms produced strong winds which downed trees and power lines. Widespread power outages were reported in Cattaraugus county.
	8/16/1997	East Otto	\$15,000.00	0	0	Thunderstorms developed in warm unstable air during the early afternoon hours. The thunderstorms produced strong winds which downed trees and power lines. Widespread power outages were reported in Cattaraugus county.
	8/16/1997	Olean	\$17,000.00	0	0	Thunderstorms developed in warm unstable air during the early afternoon hours. The thunderstorms produced strong winds which downed trees and power lines. Widespread power outages were reported in Cattaraugus county.
	5/31/1998	South Dayton	\$11,000.00	0	0	An outbreak of severe storms began across the region during the early morning hours. The storms were particularly dangerous because of the speed that they were moving across the region--sometimes in excess of 60 mph. Most of the damage associated with the
	6/2/1998	Ischua	\$20,000.00	0	0	Severe thunderstorms swept across the entire region during the late afternoon and evening hours. The storms produced hailstones up to 1.5". Although the stones were not excessively large, what was unusual for the area was the number and areal coverage of
	6/26/1998	Gowanda	\$25,000.00	0	0	Thunderstorm/Wind
	7/15/1998	Gowanda	\$25,000.00	0	0	Thunderstorms developed across the western southern tier during the afternoon hours. In addition to producing large hail, the storms produced damaging winds which downed trees and tree limbs. In Gowanda, an unoccupied automobile was damaged by a falling t

Type	Date	Location	Damage	Injury	Fatal	Description
	8/14/1998	Allegheny State Park	\$7,000.00	0	0	An isolated thunderstorm produced damaging winds which downed trees and power lines in Allegheny State Park. The slow moving thunderstorm also produced two to three inches of rain which resulted in localized flooding. Several roads in the park were washed
	8/24/1998	Randolph	\$20,000.00	0	0	Severe thunderstorms moved across the western southern tier of the state during the morning hours. The thunderstorms produced hail up to three-quarters of an inch and strong winds which downed trees and power lines.
	7/3/1999	Freedom	\$5,000.00	0	0	Severe thunderstorms cross the region during the late afternoon hour. The thunderstorms produced heavy downpours, up to three inches in some spots, strong winds and large hail, localized poor drainage flooding. The strong winds downed trees and power line
	7/3/1999	Yorkshire	\$50,000.00	0	0	Severe thunderstorms cross the region during the late afternoon hour. The thunderstorms produced heavy downpours, up to three inches in some spots, strong winds and large hail, localized poor drainage flooding. The strong winds downed trees and power line
	7/9/1999	Yorkshire	\$15,000.00	0	0	Severe thunderstorms crossed the counties of extreme western New York producing damaging winds, downpours, and hail. The winds downed trees and power lines with scattered power outages reported. Falling trees resulted in structure damage in Ellicottville.
	7/28/1999	Randolph	\$5,000.00	0	0	An isolated thunderstorm that developed over Cattaraugus County produced damaging winds that downed power lines and tree limbs.
	7/31/1999	Otto	\$20,000.00	0	0	Violent thunderstorms ripped across western New York during the evening hours. The strong thunderstorms downed trees and power lines and left hundreds of thousands without power. Several roads were blocked by fallen debris.
	3/25/2000	Portville	\$35,000.00	0	0	An isolated thunderstorm produced strong winds which tore the roof off an outbuilding in Portville.
	5/7/2000	Cattaraugus	\$14,000.00	0	0	A quick moving thunderstorm moved through Cattaraugus producing damaging winds. Trees and limbs were downed. A downed pole ripped power lines from nearby homes.

Type	Date	Location	Damage	Injury	Fatal	Description
	5/18/2000	Olean	\$3,000.00	0	0	Thunderstorms moved across the southern tier during the early afternoon hours. The thunderstorm winds downed trees and power lines. There were reports of damage to homes and cars.
	8/9/2000	Randolph	\$10,000.00	0	0	Thunderstorms
	8/9/2000	Ischua	\$15,000.00	0	0	Thunderstorms
	8/9/2000	Ashford	\$15,000.00	0	0	Thunderstorms
	9/20/2000	Randolph	\$20,000.00	0	0	Thunderstorms crossed the western southern tier during the late evening hours. The thunderstorm winds downed trees and power lines. Scattered power outages were reported
	10/4/2000	East Otto	\$15,000.00	0	0	A line of thunderstorms crossed the western southern tier during the early morning hours.
	8/7/2001	Olean	\$10,000.00	0	0	Thunderstorms moved across the area during the evening hours.
	8/26/2001	Freedom	\$20,000.00	0	0	Thunderstorms which crossed the region during the late afternoon hours produced damaging winds. The winds downed power lines and trees.
	9/4/2001	Olean	\$0.00	2	0	A teacher's aide and her sixth-grade son were getting out of their car when they were injured by a nearby lightning strike. The boy had pain and numbness in his hand and the mother experienced neck pain. They were both treated at a nearby hospital.
	4/28/2002	Randolph	\$10,000.00	0	0	Thunderstorms
	6/27/2002	Hinsdale	\$10,000.00	0	0	Thunderstorms developed ahead of an approaching cold front. The thunderstorms produced damaging winds which gusted to near 70 mph.
	6/27/2002	Freedom	\$10,000.00	0	0	Thunderstorms developed ahead of an approaching cold front. The thunderstorms produced damaging winds which gusted to near 70 mph.
	6/27/2002	Farmersville	\$10,000.00	0	0	Thunderstorms developed ahead of an approaching cold front. The thunderstorms produced damaging winds which gusted to near 70 mph.
	6/27/2002	Little Valley	\$10,000.00	0	0	Thunderstorms developed ahead of an approaching cold front. The thunderstorms produced damaging winds which gusted to near 70 mph.
	7/28/2002	Dayton	\$10,000.00	0	0	Heavy downpours that accompanied the afternoon thunderstorms resulted in some poor drainage flooding in the Southern Tier.

Type	Date	Location	Damage	Injury	Fatal	Description
	7/28/2002	Randolph	\$10,000.00	0	0	Heavy downpours that accompanied the afternoon thunderstorms resulted in some poor drainage flooding in the Southern Tier.
	8/12/2002	Allegany	\$5,000.00	0	0	Thunderstorms crossed the western southern tier during the afternoon hours. The thunderstorms produced damaging winds that downed trees and limbs and hail up to 3/4" in diameter.
	9/2/2002	Yorkshire	\$25,000.00	0	0	A cold front brought severe thunderstorms to the region during the afternoon hours. The thunderstorm winds downed trees and power lines and scattered power outages were reported and a tree fell on and damaged a garage.
	11/10/2002	Limestone	\$15,000.00	0	0	Thunderstorm/Wind
	6/8/2003	Ellicottville	\$15,000.00	0	0	Thunderstorms that crossed the western southern tier region during the evening hours produced damaging winds, downing trees and power lines.
	7/4/2003	East Otto	\$10,000.00	0	0	Thunderstorms developed during the late afternoon hours in a warm, moist, unstable flow. A few of these storms reached severe limits producing damaging winds that downed trees and power lines.
	7/21/2003	Portville	\$35,000.00	0	0	The straight-line winds blew down a barn. Heavy rains also accompanied the storms with more than two inches falling in some spots.
	12/1/2006	Hinsdale	\$25,000.00	0	0	Thunderstorm/ Wind
	6/8/2007	Otto	\$10,000.00	0	0	Thunderstorm/ Wind
	6/19/2007	Randolph	\$10,000.00	0	0	Thunderstorm/ Wind
	6/19/2007	Napoli	\$10,000.00	0	0	Thunderstorm/ Wind
	6/19/2007	Yorkshire	\$10,000.00	0	0	Thunderstorm/ Wind
	6/27/2007	Hinsdale	\$15,000.00	0	0	Thunderstorm/ Wind
	8/25/2007	Salamanca	\$15,000.00	0	0	Thunderstorm/ Wind
	1/9/2008	Little Valley	\$10,000.00	0	0	Thunderstorm/ Wind
	4/12/2008	Freedom	\$35,000.00	0	0	Thunderstorm/ Wind
	6/29/2008	Machias	\$10,000.00	0	0	Thunderstorm/ Wind
	6/29/2008	Yorkshire	\$10,000.00	0	0	Thunderstorm/ Wind
	7/26/2008	Randolph	\$15,000.00	0	0	Thunderstorm/ Wind
	7/26/2008	Randolph	\$15,000.00	0	0	Thunderstorm/ Wind
	6/25/2009	Delevan	\$8,000.00	0	0	Thunderstorm/ Wind
	6/25/2009	Franklinville	\$8,000.00	0	0	Thunderstorm/ Wind

Type	Date	Location	Damage	Injury	Fatal	Description
	7/11/2009	Napoli	\$8,000.00	0	0	Thunderstorm/ Wind
	8/9/2009	Ischua	\$10,000.00	0	0	Thunderstorm/ Wind
	8/9/2009	Hinsdale	\$15,000.00	0	0	Thunderstorm/ Wind
	8/9/2009	East Otto	\$10,000.00	0	0	Thunderstorm/ Wind
	8/9/2009	Ashford	\$15,000.00	0	0	Thunderstorm/ Wind
	8/9/2009	Ashford	\$10,000.00	0	0	Thunderstorm/ Wind
	8/9/2009	Delevan	\$15,000.00	0	0	Thunderstorm/ Wind
	8/9/2009	Hinsdale	\$20,000.00	0	0	Thunderstorm/ Wind
	8/9/2009	Ellicottville	\$10,000.00	0	0	Thunderstorm/ Wind
	8/18/2009	Ischua	\$15,000.00	0	0	Thunderstorm/ Wind
	8/20/2009	Randolph	\$12,000.00	0	0	Thunderstorm/ Wind
	8/20/2009	Salamanca	\$15,000.00	0	0	Thunderstorm/ Wind
	8/20/2009	Ellicottville	\$12,000.00	0	0	Thunderstorm/ Wind
	8/20/2009	Ellicottville	\$12,000.00	0	0	Thunderstorm/ Wind
	5/7/2010	East Otto	\$10,000.00	0	0	Thunderstorm/ Wind
	6/27/2010	Westons Mills	\$10,000.00	0	0	Thunderstorm/ Wind
	6/27/2010	Ischua	\$45,000.00	0	0	Thunderstorm/ Wind
	6/27/2010	Franklinville	\$25,000.00	0	0	Thunderstorm/ Wind
	7/24/2010	Sandusky		0	0	Thunderstorm/ Wind
	7/24/2010	Olean	\$15,000.00	0	0	Thunderstorm/ Wind
	7/28/2010	Yorkshire	\$15,000.00	0	0	Thunderstorm/ Wind
	10/26/2010	New Albion	\$2,500.00	0	0	Thunderstorm/ Wind
	5/29/2011	Dayton	\$10,000.00	0	0	Thunderstorm/ Wind
	5/29/2011	Leon	\$15,000.00	0	0	Thunderstorm/ Wind
	7/25/2011	East Salamanca	\$15,000.00	0	0	Thunderstorm/ Wind
	11/14/2011	Little Valley	\$25,000.00	0	0	Thunderstorm/ Wind
	11/14/2011	East Otto	\$10,000.00	0	0	Thunderstorm/ Wind
	11/14/2011	Perrysburg	\$10,000.00	0	0	Thunderstorm/ Wind
	11/14/2011	Versailles	\$8,000.00	0	0	Thunderstorm/ Wind
	1/17/2012	Salamanca	\$10,000.00	0	0	Thunderstorm/ Wind
	1/17/2012	West Valley	\$10,000.00	0	0	Thunderstorm/ Wind
	1/17/2012	Dayton	\$10,000.00	0	0	Thunderstorm/ Wind
	1/17/2012	Gowanda	\$12,000.00	0	0	Thunderstorm/ Wind
	1/17/2012	Yorkshire	\$10,000.00	0	0	Thunderstorm/ Wind
	1/17/2012	Perrysburg	\$10,000.00	0	0	Thunderstorm/ Wind

Type	Date	Location	Damage	Injury	Fatal	Description
	5/2/2012	Elton	\$10,000.00	0	0	Thunderstorm/ Wind
Summary for 'Type' = Severe Storm (118 detail records)						
Sum			\$1,796,500.00			
Tornado						
	5/15/1961	Catt. Co.	\$250,000.00	0	0	None Available
	8/17/1965	Catt. Co.	\$3,000.00	0	0	None Available
	7/24/1967	Humphrey	\$25,000.00	0	0	None Available
	2/24/1975	Catt. Co.	\$250,000.00	2	0	None Available
	6/5/1975	Catt. Co.	\$0.00	0	0	None Available
	9/18/1977	Catt. Co.	\$2,500,000.00	0	0	None Available
	6/29/1980	Catt. Co.	\$25,000.00	0	0	None Available
	8/28/1990	Catt. Co.	\$25,000.00	2	0	None Available
	7/17/1992	Catt. Co.	\$25,000.00	0	0	None Available
	6/13/1994	Freedom	\$500,000.00	0	0	The width of the tornado path was 50 feet and the total path length of the storm was about a mile, although the tornado was not on the ground the entire time. The tornado was ranked an F1 on the Fujita scale with estimated wind speeds of 72 to 112 mph
	7/26/2009	Irvine Mills	\$20,000.00	0	0	Tornado
	7/26/2009	Onoville	\$300,000.00	0	0	Tornado
	7/24/2010	Carrollton	\$2,000,000.00	0	0	Tornado
	7/24/2010	Randolph Arpt	\$7,000,000.00	0	0	Tornado
	7/24/2010	Great Valley	\$1,000,000.00	0	0	Tornado
Summary for 'Type' = Tornado (15 detail records)						
Sum			\$13,923,000.00			
Winds						
	12/12/2000	Catt. Co.	\$121,400.00	0	0	The damaging winds downed trees and line throughout the area. Specific wind gusts recorded were: 63mph at Yorkshire and 58 mph at Olean
	2/10/2001	Catt. Co.	\$207,100.00	0	0	The strong winds downed trees and utility lines throughout the county.
	2/25/2001	Catt. Co.	\$85,700.00	0	0	Power outages resulted across the western southern tier. Downed trees and lines were reported in Salamanca.
	10/16/2001	Catt. Co.	\$8,750.00	0	0	Scattered power outages resulted across the western southern tier. Downed trees and lines were reported in Salamanca.

Type	Date	Location	Damage	Injury	Fatal	Description
	2/1/2002	Catt. Co.	\$535,700.00	0	0	Very strong winds blasted the region with wind gusts exceeding 55 mph. Trees and power lines were downed by the strong winds. Fallen trees and limbs littered the area and closed roads.
	3/9/2002	Catt. Co.	\$200,000.00	0	0	The damaging winds affected the entire area, downing trees and power lines and causing some structural damage.
	10/15/2003	Catt. Co.	\$175,000.00	0	0	Falling trees damaged buildings and automobiles.
	11/13/2003	Catt. Co.	\$0.00	0	0	Deep low pressure tracked across southern Ontario and brought strong, damaging winds to the entire area.
	2/17/2006	Catt.Co.	\$150,000.00	0	0	High Wind
	1/9/2008	Catt.Co.	\$150,000.00	0	0	High Wind
	1/30/2008	Catt.Co.	\$150,000.00	0	0	High Wind
	9/14/2008	Catt.Co.	\$100,000.00	0	0	High Wind
	2/12/2009	Catt.Co.	\$30,000.00	0	0	High Wind
	12/9/2009	Catt.Co.	\$250,000.00	0	0	High Wind
	5/8/2010	Catt.Co.	\$100,000.00	0	0	High Wind
	1/17/2012	Catt.Co.	\$50,000.00	0	0	High Wind
	2/24/2012	Catt.Co.	\$50,000.00	0	0	High Wind
	10/29/2012	Catt.Co.	\$150,000.00	0	0	High Wind
Summary for 'Type' = Winds (18 detail records)						
Sum			\$2,513,650.00			
Winter Storm						
	1/13/1993	Catt. Co.	\$55,500.00	0	0	Heavy Snow
	2/12/1993	Catt. Co.	\$45,450.00	0	0	Heavy Snow
	2/16/1993	Catt. Co.	\$55,500.00	0	0	Heavy Snow
	2/21/1993	Catt. Co.	\$6,250.00	0	0	Heavy Snow
	3/13/1993	Catt. Co.	\$4,500,000.00			Blizzard
	11/1/1993	Catt. Co.	\$4,500.00	0	0	The weight of the snow downed trees and power lines. Power outages, though short-lived, were rather widespread. Numerous automobile accidents were blamed on the poor road conditions.
	12/21/1993	Catt. Co.	\$6,250.00	0	0	Heavy Snow
	12/26/1993	Catt. Co.	\$12,500.00	0	0	Snow Squall
	1/4/1994	Catt. Co.	\$50,000.00	0	0	Heavy Snow
	1/8/1994	Catt. Co.	\$16,600.00	0	0	Heavy Snow

Type	Date	Location	Damage	Injury	Fatal	Description
	1/15/1994	Catt. Co.	\$25,000.00	0	0	A northwest flow of arctic air produced snow squalls over Cattaraugus Counties. Localized snowfall amounts of between six and nine inches fell in the snow squall.
	2/9/1994	Catt. Co.	\$16,600.00	0	0	Heavy Snow
	2/26/1994	Catt. Co.	\$8,300.00	0	0	Heavy Snow
	1/2/1995	Catt. Co.	\$9,000.00	0	0	Heavy Snow
	11/4/1995	Catt. Co.	\$5,000.00	0	0	Heavy Snow Squalls
	11/9/1995	Catt. Co.	\$5,000.00	0	0	Heavy Snow Squalls
	11/15/1995	Catt. Co.	\$2,777.00	0	0	Heavy Snow
	11/15/1995	Catt. Co.	\$770.00	0	0	Heavy Snow
	11/16/1995	Catt. Co.	\$5,000.00	0	0	Heavy Snow Squalls
	11/22/1995	Catt. Co.	\$4,000.00	0	0	Heavy Snow Squalls
	1/3/1996	Catt. Co.	\$100,000.00	0	0	A major winter storm brought heavy snowfall to the area. In general 10-15 inches of snow fell across the area. At Franklinville 12 inches was recorded and at Olean 10 inches fell. School closings were the rule. The winter road conditions were blamed for m
	3/4/1996	Catt. Co.	\$7,250.00	0	0	A cold flow across Lake Erie produced lake effect snow squalls. Delevan 6".
	11/11/1996	Catt. Co.	\$10,000.00	0	0	Lake effect snow squalls persisted across the county for nearly three days dropping localized amounts of 15 to 24 inches. Apparently weakening during the daylight hours, the squall reintensified during the night. Numerous automobile accidents, some with i
	12/19/1996	Catt. Co.	\$10,000.00	0	0	Arctic air crossing the warm waters of Lake Erie produced a narrow intense band of lake effect snow. Gowanda 28".
	1/6/1997	Catt. Co.	\$7,000.00	0	0	Cold air crossing the warmer waters of Lake Erie produced multiple bands of lake effect snow which persisted for nearly 36 hours. Numerous accidents were blames on the snow and whiteouts. New Albion, 12".
	1/10/1997	Catt. Co.	\$8,285.00	0	0	Heavy Snow, Perrysburg 10".
	1/16/1997	Catt. Co.	\$6,200.00	0	0	Lake effect snows dropped between six and twelve inches of snow in intense bands off Lake Erie. The snows combined with strong winds to produce hazardous conditions. Perrysburg 8".
	3/14/1997	Catt. Co.	\$12,250.00	0	0	Several inches of the icy slush coated trees and power lines, the weight of which downed the trees and lines.

Type	Date	Location	Damage	Injury	Fatal	Description
	11/24/1997	Catt. Co.	\$6,250.00	0	0	Lake effect snow squalls resulted in significantly reduced visibilities and localized amounts of six to twelve inches. Several automobile accidents were blamed on the treacherous road conditions. Perrysburg 7".
	12/5/1997	Catt. Co.	\$10,000.00	0	0	Cold air crossing the warm waters of Lake Erie produced lake effect snow squalls southeast of the lake.
	12/10/1997	Catt. Co.	\$11,880.00	0	0	A burst of snow fell at the rate of one to two inches per hour for several hours. 13" in Ellicottville; 12" in Perrysburg; 10" in South Dayton.
	12/30/1997	Catt. Co.	\$16,700.00	0	0	Strong winds combined with the snowfall to produce blowing and drifting snow resulting in significantly reduced visibilities.
	3/14/1998	Catt. Co.	\$12,500.00	0	0	Cold air crossing the warmer waters of Lake Erie produced lake effect snow squalls. 8" in Ellicottville; 10" in South Dayton; and 12" in Perrysburg.
	3/21/1998	Catt. Co.	\$17,500.00	0	0	Heavy Snow; 11" in Perrysburg
	12/18/1998	Catt. Co.	\$9,000.00	0	0	The heavy snows reduced visibilities and made roads slick. Several automobile accidents were blamed on the wintry conditions. Specific snowfall reports included 10" at South Dayton.
	12/22/1998	Catt. Co.	\$16,100.00	0	0	Heavy Snow - Perrysburg 12".
	12/31/1998	Catt. Co.	\$13,200.00	0	0	Heavy Snow
	1/1/1999	Catt. Co.	\$14,285.00	0	0	Heavy Snow - South Dayton 14".
	1/2/1999	Catt. Co.	\$20,625.00	0	0	Winter Storm
	1/4/1999	Catt. Co.	\$27,000.00	0	0	Heavy Snow
	1/9/1999	Catt. Co.	\$15,830.00	0	0	Winter Storm
	1/11/1999	Catt. Co.	\$14,000.00	0	0	Heavy Snow - Perrysburg 10".
	1/15/1999	Catt. Co.	\$18,125.00	0	0	Heavy wet snow combined with freezing rain (Federal Declared Disaster)
	1/16/1999	Olean	\$150,000.00	0	0	Record Snowfalls, A builders supply warehouse caved in (Federal Declared Disaster)
	1/16/1999	Ellicottville	\$35,000.00	0	0	Record Snowfalls (Federal Declared Disaster)
	1/16/1999	Conewango	\$35,000.00	0	0	Record Snowfalls (Federal Declared Disaster)
	3/4/1999	Catt. Co.	\$230,700.00	0	0	Heavy Snow; Franklinville 16", Olean 11", Salamanca 10"

Type	Date	Location	Damage	Injury	Fatal	Description
	3/6/1999	Catt. Co.	\$168,750.00	0	0	Heavy Snow, Perrysburg 10", South Dayton 9", Franklinville 8"
	3/22/1999	Catt. Co.	\$75,000.00	0	0	Heavy Snow, Little Valley 7"
	11/3/1999	Catt. Co.	\$5,000.00	0	0	Cold air crossing the relatively warmer waters of Lakes Erie and Ontario resulted in lake effect snow squalls. Ellicottville 14", New Albion 11", Little Valley 10".
	12/16/1999	Catt. Co.	\$7,600.00	0	0	Cold air crossing the Great Lakes produced lake effect snows downwind of Lakes Erie and Ontario. Perrysburg 14".
	12/22/1999	Catt. Co.	\$17,000.00	0	0	Heavy Snow, Perrysburg 12".
	12/26/1999	Catt. Co.	\$10,160.00	0	0	Heavy Snow, Ellicottville 11", Little Valley 8".
	1/13/2000	Catt. Co.	\$8,800.00	0	0	Heavy Snow, Perrysburg 7".
	2/14/2000	Catt. Co.	\$20,000.00	0	0	Low pressure moved across the Ohio Valley and Pennsylvania spreading a wintry mix of snow, sleet and freezing rain across the area.
	2/19/2000	Catt. Co.	\$10,000.00	0	0	Heavy Snow
	11/20/2000	Catt. Co.	\$3,320,000.00	0	0	Cold air crossing the warm waters of Lake Erie resulted in lake effect squalls that dropped over two feet downwind of the lake. Cattaraugus County was declared a federal disaster area.
	12/6/2000	Catt. Co.	\$13,700.00	0	0	Lake effect snow bands meandered across the areas downwind of Lake Erie. South Dayton and Perrysburg 12", New Albion and Salamanca 9".
	12/18/2000	Catt. Co.	\$12,600.00	0	0	Lake Effect snow bands combined with strong post-cold frontal winds to make driving hazardous in blowing and drifting snow.
	12/22/2000	Catt. Co.	\$14,700.00	0	0	This lake effect event began as some of the coldest air of the season crossed the Great Lakes. Meandering snow squall produced snowfall rates of two inches an hour. Perrysburg 9".
	12/24/2000	Catt. Co.	\$15,800.00	0	0	Heavy Snow, Perrysburg 13".
	12/31/2000	Catt. Co.	\$55,000.00	0	0	The heavy snowfall was accompanied by brisk northwest winds that resulted in blowing and drifting snow and wind chills of ten to twenty degrees below zero. Visibilities were near zero at times in intense snow and blowing snow.
	3/4/2001	Catt. Co.	\$125,000.00	0	0	Heavy Snow, 14" Perrysburg, 13" Olean and Salamanca; 12" Franklinville and Little Valley, and 9" New Albion.

Type	Date	Location	Damage	Injury	Fatal	Description
	12/21/2001	Catt. Co.	\$10,000.00	0	0	A cold northwest flow resulted in narrow bands of lake effect snow downwind of Lake Erie, across the western southern tier of New York.
	12/29/2001	Catt. Co.	\$1,000,000.00	0	0	Heavy Snow, In Cattaraugus county: South Dayton 54"; Perrysburg 51"; Yorkshire 46" and New Albion 21".
	2/4/2002	Catt. Co.	\$7,300.00	0	0	Heavy Snow, Perrysburg 8.5".
	3/4/2002	Catt. Co.	\$10,800.00	0	0	Heavy Snow, Perrysburg 21", South Dayton 14".
	3/10/2002	Catt. Co.	\$7,600.00	0	0	Heavy Snow
	3/22/2002	Catt. Co.	\$8,600.00	0	0	Heavy Snow
	11/28/2002	Catt. Co.	\$5,000.00	0	0	Heavy Snow, Perrysburg 7".
	12/2/2002	Catt. Co.	\$11,000.00	0	0	Heavy Snow
	12/25/2002	Catt. Co.	\$15,000.00	0	0	Heavy Snow
	1/11/2003	Catt. Co.	\$18,500.00	0	0	Specific snowfall reports received were: off Lake Erie--Perrysburg 26".
	11/13/2003	Catt. Co.	\$0.00	0	0	Heavy Snow
	11/29/2003	Catt. Co.	\$0.00	0	0	Heavy Snow
	12/12/2003	Catt. Co.	\$11,600.00	0	0	Heavy Snow, Ellicottville 12", South Dayton 8".
	12/14/2003	Catt. Co.	\$14,600.00	0	0	Heavy Snow
	12/18/2003	Catt. Co.	\$12,000.00	0	0	Heavy Snow
	12/25/2003	Catt. Co.	\$10,000.00	0	0	Heavy Snow
	1/6/2004	Catt. Co.	\$19,000.00	0	0	Heavy Snow, Ellicottville 28"
	1/19/2004	Catt. Co.	\$10,000.00	0	0	Heavy Snow, Ellicottville 17", Perrysburg 13", South Dayton 12".
	1/28/2004	Catt. Co.	\$50,000.00	0	0	Heavy Snow, Perrysburg 8".
	3/16/2004	Catt.Co.	\$200,000.00	0	0	Heavy Snow
	4/4/2004	Catt.Co.	\$5,000.00	0	0	Heavy Snow
	12/1/2004	Catt.Co.	\$10,000.00	0	0	High Wind
	12/13/2004	Catt.Co.	\$1,000.00	0	0	Heavy Snow
	1/6/2005	Catt.Co.	\$20,000.00	0	0	Winter Storm
	1/17/2005	Catt.Co.	\$10,000.00	0	0	Heavy Snow
	1/22/2005	Catt.Co.	\$25,000.00	0	0	Heavy Snow
	2/18/2005	Catt.Co.	\$5,000.00	0	0	Heavy Snow
	3/3/2005	Catt.Co.	\$15,000.00	0	0	Heavy Snow
	4/3/2005	Catt.Co.	\$50,000.00	0	0	Heavy Snow
	11/24/2005	Catt.Co.	\$20,000.00	0	0	Heavy Snow

Type	Date	Location	Damage	Injury	Fatal	Description
	12/2/2005	Catt.Co.	\$5,000.00	0	0	Heavy Snow
	12/6/2005	Catt.Co.	\$5,000.00	0	0	Heavy Snow
	1/25/2006	Catt.Co.	\$20,000.00	0	0	Heavy Snow
	2/5/2006	Catt.Co.	\$15,000.00	0	0	Heavy Snow
	3/2/2006	Catt.Co.	\$5,000.00	0	0	Heavy Snow
	1/9/2007	Catt.Co.	\$15,000.00	0	0	Lake-Effect Snow
	1/19/2007	Catt.Co.	\$8,000.00	0	0	Lake-Effect Snow
	1/29/2007	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	1/31/2007	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	2/13/2007	Catt.Co.	\$20,000.00	0	0	Heavy Snow
	2/22/2007	Catt.Co.	\$15,000.00	0	0	Heavy Snow
	3/16/2007	Catt.Co.	\$10,000.00	0	0	Heavy Snow
	4/5/2007	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	11/6/2007	Catt.Co.	\$20,000.00	0	0	Lake-Effect Snow
	12/3/2007	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	12/13/2007	Catt.Co.	\$10,000.00	0	0	Heavy Snow
	12/15/2007	Catt.Co.	\$15,000.00	0	0	Heavy Snow
	1/1/2008	Catt.Co.	\$5,000.00	0	0	Heavy Snow
	1/19/2008	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	1/23/2008	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	2/26/2008	Catt.Co.	\$10,000.00	0	0	Heavy Snow
	3/4/2008	Catt.Co.	\$10,000.00	0	0	Winter Storm
	3/7/2008	Catt.Co.	\$25,000.00	0	0	Winter Storm
	11/9/2008	Catt.Co.	\$20,000.00	0	0	Lake-Effect Snow
	11/16/2008	Catt.Co.	\$35,000.00	0	0	Lake-Effect Snow
	11/25/2008	Catt.Co.	\$15,000.00	0	0	Lake-Effect Snow
	12/2/2008	Catt.Co.	\$5,000.00	0	0	Lake-Effect Snow
	12/5/2008	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	12/19/2008	Catt.Co.	\$20,000.00	0	0	Winter Storm
	12/21/2008	Catt.Co.	\$15,000.00	0	0	Lake-Effect Snow
	12/31/2008	Catt.Co.	\$10,000.00	0	0	Winter Storm
	1/8/2009	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	1/15/2009	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	1/27/2009	Catt.Co.	\$20,000.00	0	0	Heavy Snow
	12/10/2009	Catt.Co.	\$28,000.00	0	0	Lake-Effect Snow

Type	Date	Location	Damage	Injury	Fatal	Description
	1/1/2010	Catt.Co.	\$30,000.00	0	0	Lake-Effect Snow
	2/25/2010	Catt.Co.	\$15,000.00	0	0	Winter Storm
	12/5/2010	Catt.Co.	\$35,000.00	0	0	Lake-Effect Snow
	12/12/2010	Catt.Co.	\$10,000.00	0	0	Lake-Effect Snow
	2/20/2011	Catt.Co.	\$25,000.00	0	0	Heavy Snow
	2/25/2011	Catt.Co.	\$20,000.00	0	0	Winter Storm
	3/23/2011	Catt.Co.	\$100,000.00	0	0	Heavy Snow
	1/2/2012	Catt.Co.	\$20,000.00	0	0	Lake-Effect Snow
	1/13/2012	Catt.Co.	\$40,000.00	0	0	Lake-Effect Snow
	2/25/2012	Catt.Co.	\$20,000.00	0	0	Lake-Effect Snow
	4/22/2012	Catt.Co.	\$25,000.00	0	0	Winter Storm
	12/21/2012	Catt.Co.	\$8,000.00	0	0	Winter Storm
	12/26/2012	Catt.Co.	\$15,000.00	0	0	Winter Storm
Summary for 'Type' = Winter Storm (141 detail records)						
Sum			\$11,963,787.00			
Grand Total			\$90,696,937.00			