



National Weather Service

Storm Data and Unusual Weather Phenomena



December 2001

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Injured | Estimated Damage Property | Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------|---------------------------------|-------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------|---------------------------------|-------|--------------------|

OHIO, North

| | | | | | | | | | |
|--|--|----------------------------|--|--|----------|----------|-------------|--|------------------|
| OHZ014-020>023-029>033-037>038-047 | Ashtabula - Medina - Summit - Portage - Trumbull - Richland - Ashland - Wayne - Stark - Mahoning - Morrow - Holmes - Knox | | | | | | | | |
| | 14 | 1500EST 1900EST | | | 0 | 0 | 225K | | High Wind |

Strong low pressure moved northeast across Ohio during the afternoon and early evening hours. Damaging southwest winds occurred late in the afternoon with winds quickly shifting to the northwest during the evening as a trailing cold front moved across the area. Many trees were downed and scattered power outages were also reported. Knox County was hardest hit with a barn blown off of its foundation and several dozen trees downed. Also hard hit were Portage and Trumbull Counties where widespread power outages occurred.

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|----------------------|---|----------------------------|--|--|----------|----------|-------------|--|-------------------|
| OHZ011>014 | Cuyahoga - Lake - Geauga - Ashtabula | | | | | | | | |
| | 28 30 | 1400EST 1200EST | | | 0 | 0 | 950K | | Heavy Snow |

A cold front moved east across Northeast Ohio during the afternoon of the 28th. West winds behind this front caused lake effect snow showers to intensify during the late afternoon and evening hours. Initially, heavy snow fell along the immediate lakeshore with snowfall totals of up to 13 inches reported in northern Ashtabula County by daybreak on the 29th. During the day on the 29th, the flow became more northwesterly spreading the heavy snow into Geauga and inland sections of Ashtabula Counties. Daytime accumulations of up to 18 inches were reported in Ashtabula County with a maximum of 15 inches in Lake County and around six inches in northern Geauga County. Late on the 29th and early on the 30th, winds briefly became more northerly causing the lake effect bands to spread west into eastern Cuyahoga County. Greater than six inches of snow fell by daybreak on the 30th in Cuyahoga County with more than 10 additional inches of snowfall in Lake, Geauga and Ashtabula Counties. The snow showers gradually diminished on the 30th with no more than a couple inches of accumulation during the daylight hours. Snowfall totals for the three day storm ranged from just over six inches in southern Ashtabula and eastern Cuyahoga counties to over 30 inches in Lake and northern Ashtabula Counties.

PENNSYLVANIA, Northwest

| | | | | | | | | | |
|----------------------|---------------------------------|----------------------------|--|--|----------|----------|--|--|-------------------|
| PAZ002>003 | Southern Erie - Crawford | | | | | | | | |
| | 20 21 | 1500EST 0900EST | | | 0 | 0 | | | Heavy Snow |

Cold northwest flow across Lake Erie caused lake effect snow showers to intensify during the evening hours. Accumulations of six inches were reported in northern Crawford and southern Erie Counties by midnight. The snow showers gradually diminished during the morning hours on the 21st with little additional accumulation reported.

| | | | | | | | | | |
|----------------------|---|----------------------------|--|--|----------|----------|-------------|--|-------------------|
| PAZ001>003 | Northern Erie - Southern Erie - Crawford | | | | | | | | |
| | 28 30 | 1100EST 1800EST | | | 0 | 0 | 850K | | Heavy Snow |

A cold front moved east across northwest Pennsylvania on the 28th. West winds behind this front caused lake effect snow showers to intensify during the afternoon and evening hours. Initially, heavy snow fell along the immediate lakeshore with snowfall totals of up to 10 inches reported in northern Erie County by daybreak on the 29th. During the day on the 29th, the flow became more northwesterly spreading the heavy snow into Crawford County. Daytime accumulations of up to 14 inches were reported in both Erie and Crawford Counties. An additional six to eight inches of snow fell from the evening of the 29th to daybreak on the 30th with a maximum of 11 inches in inland Erie County. The snow showers gradually diminished on the afternoon of 30th with daytime accumulations of five inches or less. Snowfall totals for the three day storm ranged from just over six inches in southern Crawford County to as much as three feet near Lake Erie. Officially, 30.0 inches of snow fell at Erie International Airport on the 28th through 30th.



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|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------|
| | | | | | Killed | Injured | Property | Crops | |

PENNSYLVANIA, Northwest

PAZ001

Northern Erie

| | | | | | | | | | |
|-----------|----------------|----------------|--|--|----------|----------|------------|--|-------------------|
| 31 | 0100EST | 1600EST | | | 0 | 0 | 50K | | Heavy Snow |
|-----------|----------------|----------------|--|--|----------|----------|------------|--|-------------------|

Westerly flow across Lake Erie caused lake effect snow showers to intensify during the early morning hours. Over six inches of snow fell along and near Lake Erie from just before daybreak through late afternoon. Officially, 6.1 inches of snow fell at Erie International Airport.