

U. S. DEPARTMENT OF COMMERCE
JOHN T. CONNOR, *Secretary*
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
WEATHER BUREAU

STORM DATA

DECEMBER 1965

Volume 7 No. 12



ASHEVILLE: 1966

STORM DATA AND UNUSUAL WEATHER PHENOMENA

DECEMBER 1965

PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. OF PERSONS ESTIMATED ¹ DAMAGE				CHARACTER OF STORM
					KILLED	INURED	PROPERTY	CROPS	
ALABAMA			None reported						
ALASKA			No report received by printing deadline						
ARIZONA									
Salt River Valley	8-18				0	0	4	5	Rain
			Intermittent rain during this period reduced grade of naval oranges and grapefruit. Soggy field conditions prevented growers from picking fruit in time for Christmas market. Planting of lettuce and small grains was delayed.						
Yuma	8-18				0	0	2	4	Rain
			Increase in disease and loss in quality of field crops, mostly lettuces.						
All agricultural counties southern Arizona	8-18						5	5	Rain
			Cotton crop downgraded and considerable field loss. Farm land inundated, irrigation facilities damaged or destroyed, farm animals drowned and other miscellaneous property damaged.						
Drainage areas of the Salt, Verde, Gila and Santa Cruz rivers	8-31				0	0	6	5	Rain and snow
			Due to the unprecedented widespread damage by the floods of the latter part of December 1965, it is impractical to list damage by localities. Instead, a general description of the flood picture will be provided. After the general precipitation over the State between the 8th and 18th, warming on the 20th through 22nd produced snow melt and heavy runoff into the Salt and Verde systems. Additional precipitation on the 23rd produced more snow in the White Mountains and caused flooding in the southern part of the State along the Santa Cruz river and along the Gila east of Coolidge Dam. Finally, a warm rainstorm on the 30th and 31st melted much of the existing snow cover on the Salt and Verde watersheds, making necessary the release of about 70,000 cubic feet per second of water late on the 30th into the Salt River from the rapidly filling dams upstream. The result was the worst flood in the Salt River Valley since completion of the reservoir system. All roads crossing the river in the Tempe, Mesa, Scottsdale and Phoenix areas were washed out and all bridges at least partially damaged, creating the worst traffic jam in the history of the State. Damage to roads, utilities, farmlands, crops, livestock, homes and automobiles was widespread over most of southern Arizona, but adequate warning of the release of water enabled evacuation of persons from danger areas. In Pima and Pinal counties several hundred acres of cotton and grain land along the Santa Cruz River were flooded and Pinalito Creek ruptured sewage lines, contaminating a number of wells in the Tucson area.						
Chandler (2 SE)	30	4:25 p.			0	0	0	0	Funnel cloud
			Funnel cloud sighted moving toward north. Remained aloft.						
ARKANSAS									
Ft. Smith area - Sebastian County	11	7:45 p.	"short"		0	0	0	0	Hail
			Narrow		Hail of 1 to 2 inches in diameter occurred for north part of Ft. Smith and the south part of Van Buren in Crawford County.				
CALIFORNIA									
Needles area	9				0	0	4	0	Heavy rain and homes.
			Local flooding from heavy rain; damaged highways						
San Diego (near)	10	10:00 a.m.			0	0	0	0	Waterpout over ocean.
			Pilot reported seeing waterpout off San Diego.						
Los Angeles-San Diego area	14	9:15 a.m.			0	0	3	0	Waterpouts and thunderstorms
			Numerous pilot reports of waterpouts over ocean; thunderstorms in San Diego County damaged utility lines and caused local flooding that closed highways.						
Entire State	28-				0	0	5	0	Rain and wind
			30 Rain and strong winds north of the Tehachapi Mountains on the 28th and 29th and south of there on the 30th downed trees, damaged utility lines and small buildings, damaged and sank several small boats, and temporarily closed mountain highways and railroads.						
COLORADO			None reported						
CONNECTICUT			None reported						
DELAWARE									
Statewide	25	Afternoon and Evening			0	0	0	0	Thunderstorms
			Thunderstorms and unseasonably warm temperatures were reported on Christmas Day. Some hail was also observed in New Castle County.						
FLORIDA			No report received by printing deadline						
GEORGIA			None reported						
HAWAII			None reported						
IDAHO			None reported						
ILLINOIS									
Northern Illinois	24-25							7	Heavy rain, local flooding, freezing rain, sleet, and snow
			Heavy rains totaled 3 to 5 inches over much of area from Chicago south to Bloomington. Local flooding caused extensive damage, especially in southern suburbs of Chicago. Unofficial measurements were as high as 6 3/4". The change to sleet, freezing rain, and snow caused major power outages throughout the area with counties of McLean, La Salle, Bureau, Putnam, Kankakee, Will, McHenry, DuPage and Cook among the hardest hit. Although losses reached several millions of dollars, the wide variety of types and areal extent of damage precluded a total estimate.						
INDIANA									
Northern Indiana	24-25				0	0	4	0	Rain
			Rain exceeding four inches in a few hours flooded 80 homes at Michigan City, some homes in Portage and a factory at Auburn.						
IOWA			None reported						
KANSAS			None reported						
KENTUCKY			None reported						
LOUISIANA									
Orleans and St. Tammany Parishes	10	a.m.							Fog
			Two cars collided during heavy fog on U.S. Highway 11, 3-1/2 mi N of junction with U.S. 90; 4 persons injured. In early morning on U.S. 11, near New Orleans, heavy fog reported to have contributed to at least seven traffic accidents.						
Webster Parish	11	10:25 p.-10:30 p.	**500	300	0	4	4	0	Tornado
			Storm moved from W towards E. Funnel not seen as tornado hit 10 W Minden on U.S. 80, 1/4" hail partly covered ground over 2-3 mi. area. House trailer top ripped off; occupant reported wind removed bed cover, pulled his out and picked up trailer; wind made noise like freight train. Across highway, parked double-deck cattle truck was overturned, sleeping relief driver out and bruised; truck crushed front of another car but occupants not injured seriously. Of the 105 cattle in truck, 90 spilled but; of these five were killed from impact of wind; motorists killed seven; several drivers received minor cuts and bruises. Gate roof sheared off but no injuries; hotel roof torn off, filling station heavily damaged and attendant knocked unconscious. Sudden wind funneled top from home, couple received cuts and bruises. Also damaged: concrete products plant, roofs on about a dozen homes, barns, and other buildings; many trees uprooted and twisted. Debris scattered for several hundred yards.						
Caddo Parish	11	10:45 p.	Short	15	0	0	4	0	Tornado
			Storm moved from W to E. A little N of Spring Ridge, tornado accompanied by extremely hard rain completely destroyed house and out buildings; power lines and trees downed; corrugated roof wrapped three times around tree.						
DeSoto Parish	11	11:00 p.	1	100	0	0	3	0	Tornado
			Storm moved from SW towards NE. Cloudy with very heavy rain about 15 minutes. Funnel not seen when small tornado crossed Longstreet; said to have bounded like freight train passing. Destroyed tool shed; ball park concession stand lost roof; power line downed; some shingle damage; one house had half of roof stripped; several trees downed.						
Orleans, Jefferson, and Plaquemines Parishes	13	a.m.							Fog
			Thick pre-dawn fog stopped air and river traffic and slowed vehicles to a crawl. Police reported a number of minor traffic accidents, but no injuries. Lake Front Airport, New Orleans International Airport, and Alvin Callender Field shut down about three hours and incoming air traffic diverted to other airports. Steamer ran aground in Mississippi River-Gulf Outlet.						
MAINE									
Southern and Central	13,14,15				0	0	3	0	Glass
			Glasng conditions in many communities, particularly on 13th and 14th. In a few cases on the 14th, conditions were described as "severe." Broken trees and branches caused damage.						
State	24,25,26				0	0	0	0	Glass
			Freezing rain in some localities.						
MARYLAND									
Central and Eastern Counties and District of Columbia	25	Afternoon and Evening			0	0	0	0	Thunderstorms
			Numerous thunderstorms and unseasonably warm temperatures were reported on Christmas Day. Hail, 3/4-inch in size, was also observed in north central area. Rain totals were generally 1/2-inch or less. This was the first time thunderstorms were reported for this date by Baltimore Weather Bureau; records include period from 1891.						

See reference notes at end of table.

STORM DATA AND UNUSUAL WEATHER PHENOMENA

DECEMBER 1965

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					KILLED	INJURED	PROPERTY	CROPS	
MASSACHUSETTS									
Cape Cod	4	Early A.M.			0	0	0	0	Thunderstorm, Hail
State	11, 12, 13, 14, 15	Late season thunderstorm with hail but no freezing rain or icy snow surfaces. Hazardous conditions were most general during night of 11-12th. Numerous highway accidents, mostly minor, were reported. Broken trees and branches caused damage.			0	0	3	0	Glass and/or icy roads
Provincetown	26	Morning			0	0	3	0	Wind
		High wind snapped large flag pole off at base and played havoc with signs, T.V. antennas, and Christmas decorations.							
MICHIGAN									
Southwest Division	11	night			0	?	5		Ice storm
		Freezing drizzle and rain caused accumulations of 1/2 to 1 inch ice on roads, telephone and electric wires, and tree limbs. Power and other services disrupted in wide region. Hardest hit was area from Balaton in Lyon County south to Wilbont in Nobles County. Some services out for up to 4 days. Damage also reported in west-central division and wide area around Park Rapids, Hubbard County.							
MISSISSIPPI									
Forest County	12	Morning	1/10		0	0	2	0	Tornado
		Numerous trees and a boat shed were blown down.							
MISSOURI									
Houston, Texas County	11	early evening					4		Thunderstorm
		The force of the lightning was so great that grounding equipment could not cope with it, causing the lightning to run into the electric distribution system.							
MONTANA									
NEBRASKA									
NEVADA									
NEW HAMPSHIRE									
State	11, 12, 13, 14, 15, 23, 26				0	0	3	0	Glass
		Widespread glazing conditions on 13th and 14th. On other dates, glazing was more scattered. Broken trees and branches caused damage.							
NEW JERSEY									
Southwest counties	23	P.M.			0	0	0	0	Flooding
		Warm rains and melting mountain snow caused peak flows in the San Francisco, Gila, and Mimbres Rivers of Catron, Hidalgo and Grant Counties on the 23rd. River levels were generally the highest experienced since September 1961. Major damage areas were near Bessie, Glendon, Cliff, Badrock and Virden, with total damage estimated at over \$1.9 million. Many roads, bridges, irrigation ditches and structures, levees and dikes, and fences were damaged or destroyed. Farms and ranch lands were inundated and silted; some crops in the Virden area were destroyed. Several periods of rain in December totalled from near 4 to 8 inches in the Gila River Basin and from near 2.5 to 6.5 inches in the Mimbres Valley Basin.							
NEW YORK									
NORTH CAROLINA									
NORTH DAKOTA									
Eastern North Dakota	11-12						6		Freezing rain & snow
		The most severe ice storm in North Dakota in 15 years struck Eastern North Dakota in December, with freezing rain beginning on Saturday, December 11 and continuing into Sunday. The eastern third of North Dakota was most seriously affected, with the most severe damage occurring in the 13 southeastern counties of the state. Ice, with a diameter of up to 2 3/4 inches, formed on wires and trees. Considerable damage to trees was experienced and the Northwestern Bell Telephone Co. reported over 900 poles and 800 crossarms were broken. Over 5000 wire breaks occurred with 85 towns unable to use long distance lines. Restoration costs to the Telephone Company were estimated at \$100,000. Power companies, including rural electric cooperatives, also were severely affected. About 3,500 families were without electrical power, some for as long as a week. Some rural families may be without telephone service until Spring.							
NORTH DAKOTA (Cont'd)									
									Following the freezing rain, snow of up to 5 inches in depth, resulted in severe ground and air transportation problems. The many automobile accidents which occurred resulted in surprisingly few injuries, and most of them were of a minor nature. Fortunately, winds accompanying the storm were light, otherwise the damage would have been considerably greater. Total damage from the storm probably exceeded one-half million dollars.
OHIO									None reported
OKLAHOMA									None reported
OREGON									
West of Cascades	27-29	Most of 3 days			0	5-10	5	4	Heavy rains in western valleys, snow in mountains and Columbia Gorge.
		Heavy rains, melting snows caused serious flooding in a number of south coastal streams, lesser flooding few points in Willamette and Umpqua drainage systems. Heavy rains also triggered several slides. Damage fairly heavy to highways, bridges, some low-lying farm land. Snow created very hazardous driving conditions in Columbia Gorge and most of State's mountain passes. Traffic halted for several hours at some places.							
West of Cascades and along northern edge of Oregon to State's eastern border.	27-28	Most of both days			0	Few	5	3	Wind
		High winds (speeds of 75-120 mph observed on unofficial instruments in Coastal area, 30-50 mph officially recorded, at inland areas) extended full length of Oregon west of Cascades and along State's northern edge caused extensive power outage in Ashland, lesser outages many other places. A number of homes, farm and industrial buildings, dock installations, house trailers were damaged. Losses in any one area not generally severe but were so widespread State's total would be substantial.							
PACIFIC AREA									None reported
PENNSYLVANIA									None reported
PUERTO RICO	9-11				3	0	5	6	Heavy Rain
		Heavy rains produced by a cold front that moved across Puerto Rico early on December 9 and then stagnated just south of the island, caused extensive flooding over the interior and north coast of the island on December 10 and 11. During the night of the 9th the rain abated, but became heavy again shortly after dawn December 10. The weather Bureau SPIR radar showed a wide area of echoes over central and northern Puerto Rico and over the ocean to the north. On December 11 rain became heavy at daybreak and flood warnings were again issued at 7:15 AM for the north coast of Puerto Rico and extended to include the east and southeast sections at 11:45 AM. Warnings were discontinued at 7 AM December 12, but an alert was maintained until 3 PM. Some local flooding of streets and lowlands was reported late Thursday afternoon, December 9, and stores were flooded in the town of Orocovis in north-central Puerto Rico. The first serious flooding occurred on Friday afternoon, December 10, about six hours after warnings were issued. By 3 PM on December 11 all or portions of the Arceibo, Cibuco, La Plata and Manati rivers were in flood. These rivers are all in north-central Puerto Rico. A bridge on the Cibuco was destroyed and one of the main bridges over the Arceibo river was damaged. On Saturday December 11, the main flooding was on the Arceibo and Loisa rivers. By 1 PM seven major highways were closed to traffic due to flooding, landslides or damaged bridges. Two deaths were reported as a result of floods, (one in Cidra and one in Arceibo), and one death due to a capsized boat. The boat death occurred near the reef despite Small Craft warnings which had been raised prior to the cold front passage on December 8. Several hundred families were evacuated by Civil Defense in Bayamon, Arceibo, Aguas Buenas, Orocovis, Dorado, Vega Alta, Ciales and Barceloneta. Land slides were reported across major roads near Bayamon, Arceibo, Utuado, Morovis, Ciales, Orocovis, Jayuya, Aguas Buenas and Cidra. Damage to crops totaled about \$700,000 with most damage on north-central slopes and coast. New tobacco plants, pineapple groves and some citrus were damaged. Considerable land erosion also occurred in the Orocovis area. No significant rainfall amounts were registered in the south coast and southern slopes where a meteorological drought continues.							
RHODE ISLAND									None reported
SOUTH CAROLINA									None reported
SOUTH DAKOTA									
Western part of state	11-12				0	0	6	0	Ice
		Glass of up to 3 inches or more in diameter accumulated on utility lines and trees causing extensive damage. The damage was estimated at \$1,000,000 to telephone lines and \$1,000,000 to power lines with the greatest loss in the northeastern quarter of state. The first accumulation of the glass started as a heavy rain due to a dense fog and freezing temperatures prior to the 11th. Freezing rain, which started afternoon of 11th and continued into the 12th, formed a coating of ice over the heavy rain accumulation. The glass remained a week or more in most areas.							

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					KILLED	INJURED	PROPERTY	CROPS	
TENNESSEE			None reported						
TEXAS									
NW Bexar County	2	6:00 p			1	0	?	?	Flash flooding A 58-year old ranch hand drowned in the swollen waters of Helotes Creek in northwestern Bexar County near the Scenic Loop Road when the Jeep in which he and a companion were riding was swept off the road by the swift current. The U. S. Weather Bureau Office in San Antonio measured 2.75 inches of rainfall within 24 hours.
Pearland Brazoria Co.	3	1:30 a	?	?	0	0	4	?	Windstorm Violent thunderstorm winds caused an estimated \$10,000 damage at Pearland, including about \$12,000 to six private airplanes at the Pearland Airport. The six planes, which were tied down, were ripped from their moorings and either flipped over or blown several yards away. Several campers belonging to Heron Campers, Inc., located on the Airport grounds were heavily damaged or destroyed. Loss on the campers was estimated at \$8000. Several barns and homes in the area suffered minor damage.
Bivins Cass Co.	11	5:45 p 5:50 p	**200	33	0	0	2	0	Tornado A small tornado damaged a house and barn in Bivins, a small town about 35 miles north of Marshall. The tornado moved from southwest to northeast. Witnesses described the noise as similar to a train.
7 S Marshall Harrison Co.	11	6:15 p	?	?	0	2	?	?	Tornado An elderly couple received minor injuries when a tornado destroyed their home seven miles south of Marshall. Mr. Brewster, 81, said the house "just caved in on us" and that he "just squeezed out" of the wreckage. A daughter who lives nearby pulled Mrs. Brewster, 74, from the debris. The tornado also damaged three houses on the south edge of Marshall, a number of barns and power lines.
10 W Lubbock Lubbock Co.	23	4:49 p 4:52							Funnel aloft
15 S Slaton Garza Co.	23	5:45 p 5:50	short narrow	0	0	0	0	0	Tornado A tornado touched ground in open country about 15 miles south of Slaton and moved from southwest to northeast without causing any damage.
Port Lavaca Calhoun County	24	6:55 a 7:15 p	**300	33	0	3	4	0	Windstorm Thunderstorm winds estimated at 75 miles per hour damaged five house trailers at the Stop and Stay Trailer Court near North Broadway Street in Port Lavaca. Three persons were injured, one seriously. Mrs. C. L. Wise, 65, who with her husband was in one of the trailers which came to rest upside down, suffered a broken back. Damage to the trailers and Trailer Court was estimated at \$25,000.
UTAH			None reported						
VERMONT									
State	12, 13, 14, 25				0	0	3	0	Glass Scattered glass occurrences on these dates except were general over broad area in southern portion on 13th. Broken trees and branches caused damage.
U. S. VIRGIN IS.			None reported						
VIRGINIA			None reported						
WASHINGTON							4		Wind
Western Washington	27- 28								Strong winds associated with an intense weather system from over the Pacific resulted in some property damage and numerous power outages. The highest winds were along the southwestern Washington coast. In many other localities, trees were covered with a blanket of heavy wet snow before wind velocities increased. Power outages were primarily the result of falling trees and limbs breaking.
WEST VIRGINIA									
Cabins (6 miles west of Petersburg)	25	Early morning			0	0	2	0	Windstorm A mobile home was damaged by windstorm associated with frontal passage.
WISCONSIN									
Northwest Counties	11	7:00 - 9:00 PM			0	0	4	0	Lightning, rain Vigorous thunderstorm with locally heavy rain of 2 to 4 inches. Some minor flooding in Barron County. One home badly damaged by lightning at Cameron 2-1/2E
Southeastern Counties	24- 25				0	0	5	0	Snow, wind Heavy wet snow whipped by high winds did extensive damage to utility wires and trees in southeastern Wisconsin. 40,000 homes without electricity for various lengths of time during Christmas season in Milwaukee and surrounding counties. About 10 inches of snow fell at Milwaukee and northerly winds gusted at 40-60 MPH.
WYOMING			None reported						
MINNESOTA									
Porter, 2 west, Yellow Medicine County	June 7	1963 6:55p			4	erratic	0	0	3 3 Tornado and hail Observer reports tornado moved from north to south at 5-10 mph. White parent cloud moved west-east. Damage to buildings and crops on one farm. Brief hail shower, diameter 1 to 1/4 inches.
ILLINOIS									
Moline	7	10:20p			0	0	0	0	Hail Hail 1 1/2" diameter to baseball size during 15 minutes. 10% or less of ground covered. Damage was slight as stores were mostly well packed snow covered with coat of ice and usually broke on impact. From WEAS, Moline.
KANSAS									
Ellsworth County	25	7:00 p.	3/4	100	0	0	3	0	Tornado A tornado hit 7 miles southeast of Wilson and moved northeastward.
Barton County	25	About 4:30 p.							
									On the regular severe storm report for May, a tornado was reported as beginning 5 miles south of Royal and ending north of Pameas Rock. This tornado actually continued on ground to just northwest of the Great Bend Airport, thence north-northeastward to near Boyd.
ILLINOIS									
Collinsville	Jun. 28	1965 4:00p			0	0	?	?	Hail Hail 3" diameter. From WEAS, St. Louis.
INDIANA									
La Grange 3 miles north	28	3:16 p.			0	0	0	0	Funnel cloud
Indianapolis (43rd and Balston)	28	6:40 p.			0	0	0	0	Funnel cloud
Mooreville	28	6:56			0	0	0	0	Funnel cloud
KANSAS									
Rawlins County	Jun. 1	1965 About 7: 7:00 p.							
									A funnel was seen 4 to 5 miles west of Beardale.
Wilson County	4	7:00 a.							Funnel aloft
									A funnel was observed about 10 miles southwest of Chamute.
Johnson County	4	3:15 p.							Funnel aloft
									A funnel was seen over the southern portion of Overland Park.
Kingman County	4	4:15 p.							Funnel aloft
									A funnel was sighted at Kingman.
Sedgwick County	4	About 5:00 p.	?	?	0	0	0	0	Tornado
									A tornado was observed near Andale.
Franklin County	4	7:32 p.							Funnel aloft
									A funnel was sighted in the Le Loup area.
Wyandotte County	5	1:25 a.	?	?	0	0	4	0	Hail Hail up to 1 inch in diameter fell at Kansas City, Kansas.
Cowley County	5	8:17 p.	?	?	0	0	0	0	Tornado A tornado 6-1/2 miles north of Arkansas City moved northeastward.
TENNESSEE									
Memphis Area, Shelby County	Jun. 12	1965 2:00p							
									Funnel aloft Pilot reports sighting funnel shape cloud descending to 1000 feet then dissipating about 40 miles south-southeast of Memphis.
Memphis Area, Shelby County	14	1:49p							Funnel aloft Pilot reports sighting funnel clouds just south of City.
COLORADO									
Littleton	Jul. 27	1965 5:00PM			0	0	4		Heavy rain A three to four inch rain in two hours, in Littleton in the vicinity of South Broadway, put Big Dry Creek and Little's Creek Gulch in flood stage. Streets, roads and private property were damaged and several inches of mud were left on lawns and roads and in some basements.

See reference notes at end of table.

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GEORGIA Americus, Sumpter County	Jul 6	1965 2 p	1	Narrow	0	0	4	0	Tornado
Storm took roofs from a cotton warehouse and a livestock sale barn. Minor damage to several other buildings and trees uprooted.									
Near Mansfield Newton County	11	8:30 p	4	Narrow	0	0	4	0	Tornado
Small storm demolished one frame house, unroofed and heavily damaged a masonry house. Several trees uprooted. Moved west.									
MASSACHUSETTS Gill	Jul 16	1965 Mid-afn.			0	1	0	0	Dust Devil
Dust devil lifted man from ground, dashed him against porch, with injuries and bruises. Large limb blown from elm tree nearby.									
COLORADO Las Animas County	Aug 31	1965 6:00PM			0	0	3	0	Hail
One and one-half inch hailstones fell east of Trinidad, causing scattered damage to crops and buildings.									
CONNECTICUT Somers, West Stafford, Tolland Co.	Aug 19	1965 (Correction)							
Change West Hartford to West Stafford in body of report.									
ILLINOIS Iroquois County	Aug 27	1965 00:05a	3/8	55	0	0	2	0	Tornado
Minor damage to house 3 miles east of Buckley but left path through growing corn for about 120 rods by 10 rods wide. Tornado at night, was heard but not seen. Report of WFO, Chicago.									
CONNECTICUT	Sep 1965	None reported							
ILLINOIS Champaign, County	Sep 22	1965 (Correction)							
Time of last sighting was 4:26p instead of 5:26p. Rest of report correct.									
RHODE ISLAND	Sep 1965	None reported							
KANSAS South of Kansas City	Oct 14	1965 Early p.	?	?	0	0	3	0	Hail
Hail up to 1" in diameter fell about 20-30 miles south of Kansas City.									
NEW YORK Western half, Great Lakes and Mohawk Valley	Oct 31	1965 late a. m. to late p. m.			0	2	5		Wind
Winds, gusting to 70 to 80 mph, near the Great Lakes and over 60 mph inland, began shortly before noon in western sections and afflicted wide areas as far east as the Mohawk Valley from late afternoon to late evening. Scores of communities sustained damage to trees, limbs, power lines, large windows and signs but locally damage was not unusually heavy. Some specific incidents of wind damage include barns destroyed in Livingston and Onida Counties; building wall collapsed at Buffalo; small airplane heavily damaged at Olean Airport; drive-in theatre screen blown over near Oswego; home partially unroofed at Jamestown. Winds forced closure of St. Lawrence Seaway for 11 hours, delayed ferry traffic between U. S. and Canada and disabled tugboat on Lake Ontario near Rochester. Two boys injured at Canandaigua when pinned by falling trees. Winds blamed for a variety of traffic accidents including train-car collision near Watertown. Worst windstorm since February 25, 1965.									
ALABAMA Morgan, Madison, Marshall and Jackson Counties	Nov 21	1965 Late Afternoon			0	0	4	0	Hail, wind
Scattered damage from high winds associated with thunderstorm. Golf ball size hail at Harpsells and Lacey Springs. Hail and high winds at Stevenson. About 90% damage due to wind.									
St. Clair County	Nov 27	1965 Early Morning	15	?	0	0	4	0	Tornado
Tornado apparently moved east from Moody to Pell City occasionally touching ground. At Moody 2 barns unroofed and trees damaged. In Pell City several houses damaged.									

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ALASKA Norton Sound	Nov 5	1965							
November 5 a series of storms began developing in the Bering Sea and moved on to the western coast of Alaska. During several days the first gusty winds of 40 knots were common along coastal areas but there was no reported damage from the first storm surge. A major storm cell developed with a strong pressure gradient and intensified near midnight of the 13th, gusts of 40 knots persisted from late on the 13th to late on the 14th, then continued with gusts of 30 knots through the 15th. The prolonged period of strong, gusty, westerly onshore winds, in conjunction with a high tide of 6 feet on the 14th, resulted in serious flooding at Unalakleet, Villagers aware of the eventual dangers began to evacuate to the nearby Air Force Bldg. The first storm cell moved rapidly NNE and was followed closely by a second storm surge into the Unalakleet area, affecting the coastal area all along Norton Sound. Wind velocities were sustained at 35-45 knots and backed to the SSW. The impact of the two storms was quite devastating to the Unalakleet area with much unestimated damage to property. No report of loss of life was received. Four large barges, one containing 30 thousand gallons of fuel oil were missing and apparently lost. One home was washed away, another moved from its foundation about 10 others badly damaged by water, which reached 20 inches in some homes. The home which was washed away was estimated to be valued at \$10,000, the home that was moved from its foundation will require about \$2000 to restore. Total damages to Unalakleet are estimated about \$35,000, and much unestimated damage to adjoining villages and towns along the coast. The wind-blown slides caused the major wash-out damage and unfold previous damages along the mouth of the river which was running backfull.									

* Includes crop damage.

C Crop damage.

** Yards instead of miles.

† Storm damages are placed in categories varying from 1 to 9 as follows:

- 1 Less than \$50
- 2 \$50 to \$500
- 3 \$500 to \$5,000
- 4 \$5,000 to \$50,000
- 5 \$50,000 to \$500,000
- 6 \$500,000 to \$5,000,000
- 7 \$5,000,000 to \$50,000,000
- 8 \$50,000,000 to \$500,000,000
- 9 \$500,000,000 to \$5,000,000,000.

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of this type of data, it is not all-inclusive. Delayed data and corrections will be carried in the June and December issues of this publication.

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