

## SEVERE LOCAL STORMS, JUNE 1942

[Compiled by Mary O. Souder]

[The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Custer, S. Dak., vicinity of	2	1-4:30 a. m.	1 10		\$10,000	Heavy hail	Loss to buildings and livestock, \$8,000; to crops, \$2,000; path 10 miles long.
Faith, S. Dak.	2	6:30-7:30 p. m.	1 4	0	5,500	Tornado and hail	Several buildings destroyed and several moved from their foundations. Roofs punctured and some crops stripped; property damage, \$5,000; crops loss, \$500.
Pittsylvania Co., Va.	2	P. m.			1,000	Hail, electrical	Barn and farming implements and mules burned near Chatham, with \$1,000 loss. Crop loss mostly in tobacco, not estimated.
Chouteau County, Mont.	3	3:15 p. m.	1 5		25,000	Heavy hail	Loss in winter wheat and rye; path 40 miles long.
Delaware and Dubuque Counties, Iowa	3				2,100	Electrical	Barn burned and cattle killed.
Big Horn County, Mont.	4	5 p. m.	1 2		10,100	Heavy hail	Loss principally to crops; path 30 miles long.
Minnesota Lake, Minn., vicinity of	4	7:10 p. m.	1 4		1,000	Thundersquall	Farm buildings damaged; trees uprooted; path 1 mile long.
New Albany, Ind.	4	P. m.			500	Wind and hail	Trees and houses damaged.
Burlington, Iowa	5	4 p. m.	333		5,000	do	Windows blown in; water tower wrecked; path 880 yards long.
Jackson, Nicollet and Dodge Counties, Minn.	5	5:45-7:10 p. m.			37,000	Hail	Crop loss, \$23,000; property damage, \$9,000.
Shell Lake, Wis.	5	6:10 p. m.	1 7		35,000	do	Crop loss, \$5,000; property damage, \$30,000; hailstones large.
Minnesota Lake, Minn., vicinity of	5	6:15 p. m.	1 2		6,000	Thundersquall	Farm buildings damaged; trees uprooted; path about 3 miles long.
Aurelia, Iowa, vicinity of	6	2:10 p. m.		0		Tornado	Path narrow and 3 miles long; amount of damage not given.
Waverly, Iowa, vicinity of	6	4:30-4:50 p. m.				do	No damage of consequence and no details of the storm available.
Cooney Dam, Mont., vicinity of	7	10 p. m.	880		6,000	Heavy hail	Chief loss in crops; path 5 miles long.
Montague and Geraldine, Mont., and vicinities	8	6:30 p. m.	4		150,000	do	Loss to crops; path 25 miles long.
Winifred, Mont., vicinity of	8-9	P. m.			15,000	Heavy hail and wind	Loss to crops; path 30 miles long.
Bunkie, La., 3 miles northwest	10	10:15 a. m.	100	0	500	Tornado	Small cabin and outbuildings destroyed; number of trees uprooted.
Judith Basin and Fergus Counties, Mont.	10		1 2		10,000	Heavy hail and rain	Loss in crops; path 5 miles long.
Miner and Lake Counties, S. Dak.	11	5:15 a. m.	1 4		1,000	Heavy hail	Storm extended from north of Howard into Lake County. Property damage, \$1,000; thousands of dollars' loss in crops and livestock.
Evansville, Ind.	11	2 p. m.			1,500	Wind	Trees, wires and buildings damaged.
Traverse and Stevens Counties, Minn.	11	2:45-3 p. m.	100	0	11,200	Tornado and hail	Property damaged; trees uprooted; path 8 miles long. At 2:45 p. m. funnel cloud was observed northwest of Dumont, in Traverse County. It descended to earth twice causing property damage and uprooting trees with \$1,200 damage over a path 8 miles long. Hail loss to growing crops, \$10,000.
Todd County, Minn.	11	5 p. m.	1 30		15,000	Thundersqualls	Property damaged; path about 20 miles long.
Hawthorne, Wis.	11	P. m.		0	500	Tornado	Portion of barn torn off and carried around so that the debris was deposited on the opposite side.
Howard County, Nebr., northern portion	11	do	1 1		4,000	Hail	Loss in small grain.
York County, Nebr., western portion	11	do	1 1		1,000	do	Loss principally in small grain; slight damage to windows and roofs.
Grinnell, Iowa	11				1,500	Electrical	Roof of Grinnell College Dormitory damaged by lightning.
Lyons, Kans., south of	11-12	Near midnight	1 2 1/2		75,000	Wind	Much loss in wheat; path 4 miles long.
Rawlins, Lawrence, and Decatur Counties, Kans.	11-12	do	1 15		350,000	Heavy hail	Storm occurred over an east-west strip extending from northwest McDonald in Rawlins County, across Lawrence and Decatur Counties. Loss mostly in wheat over a path 60 miles long.
Decatur, Norton, and Phillips Counties, Kans.	12	12:35-2 a. m.	1 4-20		350,000	High wind and hail	Storm extended from the northern portion of Decatur County, through Norton, in Norton County, into eastern Phillips County. Considerable property damage in Norton. About 40 barns destroyed in Phillips County. Hail especially severe in northeastern portion of Norton County and the northwestern portion of Phillips County; path 70 miles long.
Upland, Nebr.	12	1-4 a. m.	1 4		6,000	Hail and wind	Loss mainly to small grain; little damage to buildings.
Naponee, Nebr.	12	2-3 a. m.	1 4		15,000	Hail, wind, and rain	Loss in small grain; windows broken, roofs damaged, and several barns and sheds collapsed; fields, bridges, and highways damaged by flooding.
Reno County, Kans.	12	6 a. m.		1	60,000	Wind	Storm covered greater part of county and was especially severe in Hutchinson, where trees, wires and many buildings were damaged. Loss to crops, \$30,000, included in the estimate.
Gosper County, Nebr.	12	7 a. m.	1 5		5,000	High wind	Buildings damaged; windmills blown down; grain lodged.
McPherson, Harvey, and Marion Counties, Kans.	12	7:30 a. m.	1 3		80,000	Violent wind	Storm especially severe over a strip extending from 7 miles northeast of Hesston to the southeastern portion of Marion County. Damage mostly in rural districts; path 40 miles long.
McPherson and Harvey Counties, Kans.	12	do	1 3		50,000	Heavy hail	This storm occurred in connection with a violent wind storm. Approximately 1,500 acres of growing crops destroyed and buildings damaged path 10 miles long.
Republic, Cloud, Washington, and Clay Counties, Kans.	12	5-5:30 p. m.	1 12		200,000	Heavy hail and wind	Occurred in the northern part of Cloud and Clay Counties and southern portion of Republic and Washington Counties. Greater part of loss due to hail. Much damage in Clifton, Washington County, and vicinity, where 210 claims were paid by insurance companies. Path 25 miles long.
Oklahoma City, Okla., vicinity of	12	8:41 p. m., central standard time	117	35		Tornado and rain	This reported to have been one of the worst tornadoes in the history of Oklahoma. A funnel-cloud seen and an almost deafening roar that could be heard for several miles in all directions reported. 110 families affected by the storm; 73 homes demolished and 31 others damaged, while numerous outbuildings were destroyed or damaged and 29 persons received hospitalization. Numerous automobiles destroyed and as many badly damaged. Houses were spattered with mud. Estimate of damage not available.
Lake Providence, La.	13	8:30 p. m.			20,000	Wind	Property damage, \$5,000; crop loss, mostly uncut oats and corn, \$15,000.
Dalton, Pa., and vicinity	13	P. m.			5,000	Rain and electrical	Estimated that from 5 to 6 inches of rain fell in about an hour. Water 4 feet deep in center of the community. Property damaged; bridge washed out.
Glenmont, N. Y.	13				8,000	Electrical	Barn burned.
Jaroso, Colo.	14	1 p. m.	1 1	0	300	Tornado	Damage to buildings and fences.
Farmer and Castro Counties, Tex.	14	8:12 p. m.	1 10		750,000	Heavy hail	Loss mostly in crops; some damage to roofs and windows.
Nueces and Jim Wells Counties, Tex.	15	5 p. m.	1 50		1,200	Straight-line winds	Property damage, \$1,200; considerable crop loss not estimated.
Gannvalley, S. Dak.	17	2 a. m.	1 3		6,000	Hail	Windows broken; poultry killed; crop loss, \$6,000; path 10 miles long.
Nobles, Cass, Hennepin, and Ramsey Counties, Minn.	17	7 a. m.-7 p. m.			62,000	Hail and thunderstorms	Much poultry and many birds perished. Loss to crops, \$53,000; property damage, \$9,000; path ranged from 3 to 20 miles long.
Holly, Colo.	18	4 p. m.	1 8		5,500	Hail	Property damage, \$5,000; loss in wheat and barley, \$500.
Kit Carson, Colo.	18	do	1 9	0		Tornado and hail	Trees uprooted; buildings and windmills blown down.

1 Miles instead of yards.

SEVERE LOCAL STORMS, JUNE 1942—Continued

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Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Elsmore County, Kans., and vicinity.	18	4-5 a. m.			\$7,000	High wind	Property damage, \$5,000; crop loss, \$2,000.
Ness Valley, Kans., southern portion.	18	8:10 p. m.	15		400,000	Heavy hail	Loss principally to wheat; path 21 miles long.
Douglas, Osage, and Franklin Counties, Kans.	18	11:30 p. m.			50,000	High winds	Especially severe at Centropolis, Franklin County, where residences were unroofed and many farm buildings damaged and some demolished.
Colby, Kans., and vicinity	18		13		20,000	Heavy hail	Much damage to automobiles, electric signs, and roofs; path 25 miles long.
Platte County, Nebr.	18-19	P. m.	1 1/2 to 4		1,000	Hail	Property damage, \$1,000; small loss to grain and corn.
Pottawatomie County, Kans.	19	Midnight-2a.m.	440		20,000	Wind and hail	Occurred over a strip extending approximately north and south of Westmoreland to Blaine. Some indications that a tornado may have occurred in connection with the general wind storm. Damage mostly to farm property. Much hail fell in some sections; path 15 miles long.
Butte and Spencer, Nebr.	19	6-7 a. m.	11		5,000	Hail	Loss in small grain and corn.
Plymouth, Woodbury, and Ida Counties, Iowa.	19	8:30 a. m.	4		30,500	Hail and wind	Trees blown down, buildings damaged. Loss to crops in Woodbury County, \$30,000; damage to buildings, \$500.
Iva, Ind., north of	19	3 p. m.	200	0	5,000	Tornado	Path southwest to northeast; no details.
Millford to Manhattan, Kans., and vicinities.	19	9:30 p. m.	17	0	30,000	Tornado and hail	This storm apparently originated 4 miles northeast of Millford, ending 5 miles northwest of Manhattan. At about the same time, wind caused additional damage in the vicinities of Junction City and Fort Riley; path 12 miles long.
Riley, Kans., vicinity of	19	10 p. m.	440	0	9,500	Tornado	Damage to farm property, \$8,000; loss in crops, \$1,500; path 2 miles long.
Wagner, Nebr.	19	P. m.	15		2,000	Hail	Loss principally in wheat.
Hartstown, Pa.	19	do.	200		5,000	Wind, electrical	Roofs damaged; tower wrecked; trees uprooted; electric service disrupted; man injured.
Angelica, N. Y.	19		13		2,000	Hail	Loss in canning peas; path 5 miles long.
Onondaga County, N. Y.	19		1,320		30,000	do.	Loss in tobacco, corn, potatoes, wheat, apples, and cherries. Some individual crops a total loss; path 25 miles long.
Loup and Valley Counties, Nebr.	19-20	P. m.	13-5		25,000	Hail, wind, and rain.	Most damage from hail; fields flooded.
Waverly, Raymond, Ceresco, and Wahoo, Nebr., and vicinities.	19-20	do.	10	1	30,000	do.	Barns and small buildings damaged; loss in grain.
Pottawattamie, Mills, and Fremont Counties, Iowa.	19-20	do.			206,100	Heavy rain and wind.	Crop loss in Pottawattamie County, \$100,000, and damage mostly to buildings and roads in Council Bluffs, \$100,000. Railroad tracks washed out in numerous localities and trains delayed. Other damage reported near Randolph where 3.50 inches of rain fell.
Omaha, Nebr.	19-20	11 p. m., of 19th-6 a. m., 20th.			4,000	do.	Maximum wind velocity of 65 miles an hour and 3.48 inches of rain recorded during this storm. Damage to trees and transmission lines, \$2,000; from flooding, \$2,000.
Oketo, Lillis, and Vermillion, Kans., and vicinities.	20	1-2 a. m.	11		80,000	High winds	Damage to farm property, \$50,000; loss to crops, \$30,000; path 20 miles long.
Indianapolis, Ind., west of	20	6 p. m.	20	0	2,500	Tornado	Path southwest to northeast, about a mile long. Trees and Buildings damaged.
Clinton and Howard Counties, Ind.	20	6:30 p. m.	167	4	500,000	Tornado	Greatest damage at Kokomo; many persons injured; path from southwest to northeast and about 35 miles long.
Kimball County, Nebr.	20	7-9 p. m.	12-5		50,000	Hail	Principal loss in wheat. Storm moved across the country from west-northwest to east-southeast.
Mulvane, Kans., vicinity of	20	8:32-8:50 p. m.	440	4	85,000	Tornado and hail	Property damaged; path 8 miles long.
Scott County, Kans.	20	11 p. m.-midnight.	14-10		500,000	Heavy hail and wind.	Between 30,000 and 40,000 acres of wheat destroyed and other crops badly damaged. In some places hailstones were 10 inches deep; path 25 miles long.
Pawnee City, Nebr.	20	P. m.	15		6,000	Hail, wind, and heavy rain.	Small acreage of grain severely damaged by hail; fields flooded, farm buildings blown over.
Modoc, Kans., 2 1/2 miles west.	20			0		Tornado	12 cars blown from a moving Missouri Pacific train; number of small buildings damaged. Estimate of damage not given.
Wichita County, Kans., southern portion.	21	6:30 p. m.	11		30,000	Heavy hail	Damage over path 10 miles long; no details.
Kearney, Kans., northeastern portion.	21	7-7:30 p. m.	17		75,000	do.	Loss chiefly to wheat with 90 percent loss in some areas; path 18 miles long.
Pittsburgh, Pa.	21			1	10,000	Electrical	Steam generator and powerhouse at steel plant struck by lightning; man killed; trees uprooted; electric service disrupted.
Clayton, N. Mex.	21-22	8-9 p. m.	115		10,500	Hail	Some sheep and cattle killed.
Wichita County, Kans., northern portion.	21-22	11:30 p. m.-1:30 a. m.	18-10		350,000	Heavy hail	Loss principally in wheat; path 24 miles long.
Bellview, N. Mex., vicinity of	22	7-7:30 p. m.	14		10,000	Hail	Loss principally in wheat.
Clayton, N. Mex.	22-23				40,000		Crop loss, \$22,000; property and livestock loss, \$18,000.
Mayhill, N. Mex.	23	2-3 p. m.	13		1,000		Loss mostly in fruit.
Hardin, Mont., vicinity of	24	5 p. m.	13		10,000	Heavy hail	Loss in crops; path 35 miles long.
Chouteau and Teton Counties, Mont.	25	5:30 p. m.	16		250,000	do.	Began in Power, Teton County, and terminated near Chouteau County line; path 36 miles long.
Benchland and Windham, Mont, vicinity of.	25	6 p. m.	11		10,000	do.	Loss in crops; path 5 miles long.
Buena Vista County, Iowa	27	1:30 p. m.	12		25,000	Hail	Considerable damage; path 10 miles long.
Ellis and Rooks Counties, Kans.	27	5 p. m.-midnight.	18		400,000	Heavy hail	Much wheat completely destroyed; chickens killed, windows broken and automobiles damaged; path 35 miles long.
Santee, Nebr.	27	5 p. m.	440	0	10,000	Tornado	Damage to buildings, \$5,000; to personal property, \$5,000; 1 person injured.
Estherville, Iowa.	27	10:30 p. m.			1,000	Hail, electrical	Trees and wires down; 1 person injured.
Guthrie, Dallas, Polk, Grimes, Boone, Story, and Marshall Counties, Iowa.	28	6:15-7 p. m.		1	148,150	Tornado and rain	Much property damaged; trees uprooted. At Dodge Field, near Des Moines, a hangar was wrecked, a building moved off its foundation and 4 planes damaged. Heavy rains caused erosion near Cumberland and 3 inches of rain were reported from Anita. Pastures and fields flooded. In Polk County, the heavy rain flooded streets and highways and caused small streams to overflow. In some sections a crop loss was heavy. Several persons were injured.
Houston County, Minn.	28	8 p. m.	33		10,000	Thundersquall	This storm a possible tornado. Number of farm buildings wrecked or damaged. Trees uprooted lay on the ground mostly in the same direction; length of path 10 miles. The storm crossed the State line from Minneshtiek and Allamakee Counties, Iowa where greatest damage occurred.
Minnesota, extreme south-eastern Counties.	28	P. m.			90,000	Rain and flood	Heavy to excessive rains in connection with severe thunderstorms caused much damage to highways and bridges and railroads. Sewers overflowed and many streets, basements, and stores flooded. Hillsides washed; lowlands inundated with much loss in growing crops.
Ladysmith, Wis.	28				2,000	Wind	Barn and silo blown down, another barn damaged.
Ruston, La.	28				10,000	Thunderstorm	2 large barns destroyed by fire, and 3 cows and a quantity of feed lost.
John Martin Dam, Colo.	29	5:10 a. m.	110		50,000	Hail	Loss in corn, small grain, hay, beets, and melons. 125 sheep and 400 turkeys killed.

<sup>1</sup> Miles instead of yards.

## LATE REPORTS FOR APRIL 1942

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Chippewa and Clark Counties, Wis.	4	5 p. m.-----	55-100	0	\$60,000	Tornado-----	The tornado cloud lifted several times so that some areas in the path were untouched. At least 15 barns demolished and several damaged. Damage to 3 houses and a cheese factory; several small buildings destroyed; 20 cows and 2 horses killed. Small crop loss because early season; length of path 18 miles.
Minnesota, extreme south-eastern counties.	5	9:20 p. m.-----	-----	-----	5,000	Sleet and glaze-----	Communication and electric service disrupted. Ice, beginning to form at 9:20 p. m., remained on the wires about 12 hours. Trees and shrubbery coated with glaze. Roads very slippery; number of motor accidents occurred.
Erick, Okla.-----	26	12:05-1:30 a. m..	1 2	-----	3,500	Heavy hail-----	Property damage, \$500; loss in crops, \$3,000. The storm moved from the southwest over a path 7 miles long.
Clinton, Okla.-----	26-27	7:23 p. m., of 26th-2:30 a. m., of 27th.	1 2 1/4	-----	185,000	do-----	Property damage, \$150,000; loss in crops, \$35,000; path 10 miles long.
Talala and Chelsea, Okla., and vicinities.	27	3:45 p. m.-----	-----	0	-----	Tornado-----	Several buildings and other property destroyed. Estimated loss several thousand dollars. Path narrow and 15 miles long.
Minnesota, southern counties.	27-28	P. m., and a. m	-----	-----	108,000	Thundersqualls-----	Many barns, outbuildings, silos, and windmills wrecked; houses damaged, windows broken, signs and awnings torn away, poles and wires down, trees uprooted, and growing crops slightly damaged. The general direction of the storm was from southwest to northeast over a path about 200 miles long.
Dubuque, Iowa.-----	28	-----	-----	-----	4,000	Thunderstorm, excessive rain, and hail.	Lawns and gardens washed; streets flooded and blooms knocked off cherry and plum trees.
Harrison, Monono, and Woodbury Counties, Iowa and vicinities.	28	7:30 p. m.-mid-night.	-----	-----	18,400	Wind and rain-----	There were reports of scattered damage in all sections of the State. Two men injured when blown off a roof in Woodbury County.
Murdock, Minn., and vicinity.	30	9:30 p. m.-----	500	-----	3,000	Thundersqualls-----	Property damaged. Storm moved from the southwest to northeast over a path 9 miles long.
Todd County, Minn., north-western portion.	30	11:45 p. m.-----	880	-----	5,000	Hail-----	Considerable damage to property; much poultry perished. Growing crops not advanced enough to be injured. The storm moved from the southwest to northeast over a path about 3 miles long.
Roseau, Wadena, and Big Stone Counties, Minn.	30	-----	-----	-----	100,000	Rain and flood-----	Heavy to excessive rains near the close of April caused considerable damage to highways and bridges. Lowlands inundated and growing crops damaged. Loss to tangible property, \$40,000, farm property and prospective crops, \$57,000, and to livestock, \$3,000.

<sup>1</sup> Miles instead of yards.