

## SEVERE LOCAL STORMS, JUNE 1935

[Compiled by Mary O. Souder]

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Dundy, Hayes, Hitchcock, Frontier, Red Willow, Furnas, Harlan, Franklin, and Webster Counties, Nebr.	May 31 June 2		1-3	104	\$13,000,000	Flood	1,000 families homeless; 600 to 700 sets of farm buildings swept away or so damaged as to require rebuilding; 213 miles of railroad track washed out and 250,000 acres flooded, path 210 miles long.
Hodgeman and Pawnee Counties, Kans.	1	5 p. m.	100	0		Tornado and hail	Originated 9 miles west of Burdett, ended 3 miles northeast; no buildings struck; at least 3 tornado clouds seen; path 12 miles long.
Euclid, near, Minn.	1	9 p. m.	880	0	1,000	Small tornado	Barns demolished; house moved from its foundation; farm machinery destroyed; uprooted trees strewn on ground in different directions; roof of barn reported lifted about 80 feet in the air; path 1 mile long.
Dodge City, Kans., vicinity of.	1	p. m.		0		2 tornadoes	Passengers arriving on a train from the east the evening of the 1st reported seeing 2 tornadoes, one about 15 miles north of Kinsley, the other a few miles west of that point; no damage reported.
Sumner County, Kans.	2	3 p. m.	880	0	100,000	Tornado	Originated 1 mile southwest of Perth, narrowly missed South Haven and ended near Fairfax, Okla.; 9 persons injured; 14 farm houses and many other smaller buildings destroyed; path 15 miles long in Kansas; estimated damage for Kansas only.
York, near, Nebr.	2	4 p. m.	333	0	1,000	do.	Buildings on 2 farms damaged.
Lincoln, Nebr.	2	4-4:30 p. m.	13		100,000	Hail	Loss in wheat, oats, barley, and alfalfa on about 100 sections of land.
Newkirk to Fairfax, Okla., and vicinity.	2	4:30 p. m.	33-50	0		Tornado	Tornado originated near Perth, Kans., and moved southeastward to the vicinity of Newkirk, Okla.; 3 persons slightly injured; loss to crops and damage to buildings or other property in Oklahoma not estimated.
Washington, Idaho.	2					Heavy hail	Loss to potato crop, alfalfa, and grain.
Lincoln, Nebr.	5	6:15 p. m.	167	0	2,000	Small tornado	Storm was reported as having a light, flimsy-appearing funnel cloud which tossed twigs and shingles into the air as it whirled; chickens killed and poultry house wrecked; trees uprooted.
Sykesville, Md.	5	p. m.			2,000	Electrical	Rectory damaged.
Grove, Kans., vicinity of.	6	6-7 p. m.	13		30,000	Heavy hail	Crops totally destroyed; hailstones drifted 6 feet in draws; path 12 miles long.
Johnson County, Ark., southeastern portion.	6		880-1,760		16,000	Hail	Gardens, peach orchards, and crops destroyed.
Albany and Sauk Center, Minn., and vicinity.	8	Noon	13-4			do.	Light to heavy hail; some growing crops totally destroyed; path 50 miles long.
New Hope and Harrison, Va., and vicinity.	8	4-5 p. m.	13-4		50,000	do.	Loss to crops and poultry.
Richmond, Va., and vicinity.	8	6-11 p. m.				Thunderstorm and hail	Hailstones as large as golf balls, driven before high winds, punctured automobile tops; considerable damage to fruit trees and truck gardens; south-bound traffic delayed by heavy rain.
Stuarts Draft to Staunton, Va.	8	p. m.			100,000	Heavy hail	Loss in heart of Virginia apple belt; Union Apple Co. and Alta Vista orchards hard hit.
Prentiss County, Miss., northern portion.	8					Hail	Storm reported as damaging; no details.
Boyceville to Menomonee, Wis., vicinity of.	8		16		3,000	do.	Loss to crops; path 30 miles long.
Wright, Meeker, and Stearns Counties, Minn.	9	4:30 p. m.			5,000	Wind and hail	Some damage to barns and small buildings; 2 persons injured; crop loss \$5,000.
Garvin, near, Minn.	9	5:45 p. m.	25	0		Tornado	Damage mainly to barns and small outbuildings which were all either badly damaged or demolished on 7 farms; 3 persons injured; livestock killed; path 9 miles long.
Albert Lea, Minn.	9	8 p. m.	440		25,000	Electrical and wind.	Roof of American Gas Machine Co. plant torn away and machinery damaged by water; large tree uprooted; Jefferson Motor Co. building damaged; several cottages near the shore of Albert Lea Lake engulfed by huge waves created by the wind; considerable minor damage occurred in a number of extreme southeastern counties.
Mankato, Minn., vicinity of.	9		11		4,000	Hail	Considerable damage to growing crops, some being almost total loss.
Sacred Heart, Minn., vicinity of.	9		2,640		4,000	do.	Many windows broken; roofs of buildings damaged; flax almost a total loss; small loss to other grain.
Waco, Nebr.	10	1 a. m.	11		1,000	do.	Damage to property.
Greeley, Colo.	10	5:30 p. m.	11-5			do.	Severe loss to 3,000 acres of beets and 12,000 acres of other crops; roofs damaged; amount not estimated.
Fergus County, Mont., eastern portion.	10					do.	Several thousand dollars loss to crops and damage to property.
Cheyenne, Wyo., and vicinity.	10-11	11:40 p. m.-12:20 a. m.				Heavy rain and flood.	0.59 inch of rain, largest amount recorded in 5 minutes in the history of this station; basement of Federal Office Building flooded with 6 inches of rain; people forced out of basement apartments and their furniture and household goods damaged; a crew preparing a Burlington train for departure were forced to abandon their work; Burlington officials did not send trains out on their Casper-Cheyenne route during the night; a cloudburst, noon of the 11th, sent torrents down Bear Creek and Chugwater, 30 to 50 miles north of Cheyenne, washed both approaches of the bridge; some highways closed.
Steamboat Springs, Colo., vicinity of.	11	5 p. m.	2,640			Hail	Some hailstones as large as walnuts; considerable damage to alfalfa and small damage to gardens; amount not estimated.
Dodge City, Kans., vicinity of.	11			0		Tornado and thunderstorm.	A small tornado was reported south or southeast of Dodge City during the thunderstorm on the 11th; no damage reported.
Albuquerque, N. Mex.	11					Heavy rain, electrical.	Rain caused much damage by flooding basements and streets; 2 fires caused by lightning.
Yakima and Wenatchee, Wash., and vicinity.	12	12-3 p. m.	220		65,000	Hail	Estimated losses of crops \$40,000 near Yakima and considerable damage to apples and pears southeast of Sunnyside; \$25,000 loss in the Wenatchee Valley; path 2½ miles long.
Vona, Colo.	12	5:30 p. m.				Heavy rain and flood.	As a result of a heavy downpour, a reservoir broke releasing a wall of water 15 feet high, causing a flood; 75 feet of railway track washed out.
Oketo, Kans., 5 miles east.	12	6 p. m.	220	0	800	Small tornado	Tornado had strong side winds; chief damage to farm buildings, path 5 miles long.
Corpus Christi, Tex., 5 miles southwest.	12	8 p. m.	33	0		do.	Tornado came during a torrential shower with a squall from the east; several barns destroyed and trees uprooted.
Parker, Colo., vicinity of.	12	8:30 p. m.	13½		2,000	Hail	Considerable loss to crops and gardens.
Escanaba, Mich., and vicinity.	12	12 p. m.	25-33	0	5,000	Tornado winds, thunderstorm, and hail.	At Pine Ridge, 5 miles west of Escanaba, a garage, tourist cabin, and several shacks were demolished; many trees uprooted or twisted off fell across the highway and communication lines; path of storm 1 mile long; \$5,000 amount of damage from wind only; storm rather severe and confined mostly to gardens and damage was considerably restricted owing to backward stage of vegetation.
Ballantine, Mont.	12	p. m.	4-8			Wind and hail	Storm lasted from 5 to 10 minutes; amount of damage not estimated; most of the badly damaged crops were reseeded later.
Green Bay, Wis.	12				3,000	Hail	Truck gardens and other crops damaged.

¹ Miles instead of yards.

SEVERE LOCAL STORMS, JUNE 1935—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Clay and Becker Counties, Minn.	13	7-7:45 p. m.	30	0	\$62,000	Tornado and hail	Many barns, outbuildings, and silos demolished; houses and buildings damaged; trees uprooted; poles and wires down; some livestock killed; several persons injured; heavy rain accompanied the storm in some places; path 15 miles long; tornado damage \$50,000; hail \$12,000.
Bozeman and Belgrade, Mont.	13	p. m.				Hail	Some damage to windows, roofs, and automobiles; considerable damage to alfalfa, grains, and peas.
Del Rio, Tex.	13			8	92,000	Excessive rain and flood.	8.88 inches fell in 24 hours causing an unprecedented rise in San Felipe Creek which overflowed; 4 Mexicans were drowned when they refused to heed the warning of the impending rise and remained in their home which was washed away; 4 others missing, it is presumed they are drowned; property damage estimated to be \$10,000; damage to bridges and highways \$82,000.
Garfield and Prairie Counties, Mont.	14	3:30 p. m.			15,000	Wind and hail	5 persons injured; many lambs and ewes killed, one owner reporting the loss of 150; much crop loss and many windows broken; in Garfield County the loss, excluding crops, was \$15,000; no estimate given for Prairie County.
Isidore, N. Mex.	14	5 p. m.	11			Heavy hail	Much damage to gardens and crops.
Onida, S. Dak., vicinity of	15	2:30-3 p. m.	55-165	0	25,000	Tornado	5 persons injured; farm buildings and implements wrecked; 60 cattle killed; small loss to crops.
Harrison, Nebr.	15	4 p. m.	11		10,000	Hail	Damage to property.
Chadron, Nebr.	15	4:40 - 5:10 p. m.	1,333		20,000	do	Masses of ice as large as base balls reported; property damaged.
Tenney, Minn., vicinity of	15	6-7 p. m.		0	20,000	Small tornado and heavy rain.	A number of barns demolished; silos and windmills blown down; large trees uprooted; some livestock and poultry killed or injured; path 5 miles long.
Clark, S. Dak., vicinity of	15	8 p. m.	15-6		6,000	Wind	Farm buildings damaged; crop loss negligible.
Kaufman, Tex.	15			1		Tornado	Farmhouse destroyed.
Casper, Wyo.	15				6,500	Hail	Stones ranged in size from peas to golf balls; car tops were punctured and trees stripped of foliage and twigs; several greenhouses damaged and many plants ruined; \$6,500 estimated amount to one greenhouse.
Minneapolis and St. Paul, Minn.	15-16				16,500	Heavy rain	2.19 inches of rain recorded in 24 hours; damage to wooden block pavements and otherwise estimated as \$11,000 in Minneapolis and \$5,500 in St. Paul.
Austin, Tex.	15-16				1,000,000	Flood	Property damaged; advance warnings of the impending flood enabled property owners to save a large amount of movable property; no loss of life reported.
Duluth, Minn., to Superior, Wis.	16	12:45 a. m.	11	0	100,000	Tornadoic winds	Storm occurred along the bay front from 15th Avenue West to 50th Avenue West in Duluth and from Conners Point to South Superior in Superior, Wis.; several bridge operators reported wind velocity of 71 miles recorded between 12:45 and 1:00 a. m., in the vicinity of severe damage on the bay front in Superior; the Pennsylvania and Reading dock wrecked, this and the Duplex Manufacturing Co. in South Superior were hardest hit; trees, garages, and small buildings demolished; 2 points hardest hit were 4½ miles apart; \$80,000 damage in Superior and \$20,000 in Duluth; path 4½ miles long.
Brainerd, Minn.	16	a. m.			5,000	Electrical and heavy hail.	Garage struck by lightning; basements flooded and foundations partly washed out; some washing of crops.
St. Francis, Kans., vicinity of	16	7 p. m.	16		40,000	Heavy hail	Damage to crops; path 12 miles long.
Cheyenne, Okla., vicinity of	16	8 p. m.		0	29,680	Tornado	Loss to crops \$21,680; damage to property \$8,000; strong straight-line winds occurred in the vicinity of Cheyenne simultaneously with the tornado over an area about 20 miles wide and 35 or 40 miles long.
Chicago, Ill.	16	p. m.				Thunderstorm and heavy rain	Streets, basements, and underpasses flooded with resultant delays in traffic.
Okay, Okla.	17	2 p. m.	440		1,000	Wind	Property damaged; path 880 yards long.
Muskogee, Okla.	17	2:30 p. m.	500	0	155,000	Tornado	5 persons injured; several business houses demolished; windows shattered in the downtown section and many large trees throughout the residential district were uprooted; crop loss \$5,000; property damage \$150,000; path 1 mile long.
Sallisaw, Okla.	17	3:30 p. m.	200-880	0	5,000	do	Few buildings demolished, several others unroofed; windows shattered.
Benton County, Ark.	17			0		Tornadoic winds	Shade trees uprooted; power, telegraph and telephone lines broken; small outbuildings blown down; damage of several thousand dollars.
Augusta, Ga., 4 miles west.	17					Wind	Doors blown off hangar and 2 planes damaged; trees uprooted; no severe wind in city proper.
Albert Lea, Minn., and vicinity.	17				41,500	Heavy rain	Damage to tangible property estimated at \$25,000; farm property \$16,500; many acres of lowlands under water.
Pender and Onslow Counties, N. C.	18	P. m.		1		Thundersquall and hail.	Considerable damage to tobacco and other crops; trees uprooted; man killed and another seriously injured by a falling tree near Rocky Point.
Bethune, Colo.	18					Heavy rain	3 inches of rain that fell in a few hours produced a torrent of water that carried away a highway bridge and a steel railroad bridge.
Chicago, Ill.	18					Thunderstorms	Storms were accompanied by excessive precipitation in the immediate vicinity of this station; streets, underpasses and basements flooded.
Hagerstown, Md., and vicinity.	18				100,000	Thundersquall	Number of homes and buildings unroofed or damaged; many trees uprooted; fences and poles down.
Camargo, Okla., and vicinity.	19	2:15 p. m.	110		2,000	Hail	Some damage to roofs; principal loss to growing crops; path 20 miles long.
Canute, near Okla.	19	4 p. m.	14		11,000	do	\$10,000 crop loss; \$1,000 damage to buildings; path 15 miles long.
Ralls, Tex.	19	5:45 p. m.	110	2	150,000	Wind	15 persons injured; buildings and windmills damaged.
Custer to Gage Counties, Nebr.	20	4-6:30 a. m.	110-15		1,000,000	Hail	Probably 100,000 acres of grain seriously damaged; heavy hail at intervals over a strip 180 miles long in Nebraska; storm extended into Kansas.
Fairfax, Okla., vicinity of	20	6:30 p. m.	880	0	7,000	Tornado	5 persons injured; \$7,000 damage to buildings in addition to which 5 oil drilling rigs were partially wrecked; path 1½ miles long.
Apperson, Okla.	20	5:30 p. m.	75	0	25,000	do	8 small homes completely wrecked and 4 others partially destroyed; a herd of cattle struck with such force that 186 of the stampeding animals were killed; loss to crops and gardens.
Washington and Marshall Counties, Kans.	20	6-7:30 a. m.	111	0	150,000	Tornadoic wind and hail.	Storm extended from north-central Washington County through Oketo, Marysville, and Frankfort; chief damage from wind near Frankfort, estimated at \$40,000; much window glass broken; crops totally destroyed in many places; path 45 miles long.
Crawford, Cherokee, and Labette Counties, Kans.	20	7:30-8 p. m.				Wind and rain	Storm general over the 3 counties; chief damage to power and telephone lines totaled several thousand dollars; amount not estimated.
Leavenworth and Kickapoo; Kans., vicinity of.	20	9 p. m.	14		75,000	Heavy hail	Loss mostly to wheat, alfalfa and fruit crops; path 8 miles long.
Grannis, Ark., vicinity of.	20				1,000	Heavy hail	Cotton, corn, and other crops destroyed.
Newton and Jasper Counties, Mo.	20					Wind and rain	Severe storm came from Kansas into Newton and Jasper Counties, Mo., doing considerable damage in the vicinity of Joplin and Neosho; amount of damage not available.
Sioux County, N. Dak.	20			1		Tornado	A girl killed during the tornado; no details.
Texarkana, Ark.	21	8:30 a. m.	880-1,760	4	300,000	Tornado	From New Boston, Tex., to Texarkana, Ark., in Arkansas; airplanes, airport, and buildings damaged; 15 persons injured; path of destructive winds 30 miles long.
Double Tollgate and White Post, Va.	21	7 p. m.	11-2		6,000	Wind	Damage to barns and outbuildings \$2,000; crop loss \$4,000.

1 Miles instead of yards.

## SEVERE LOCAL STORMS, JUNE 1935—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Strasburg, Va., to Harpers Ferry, W. Va.	21	p. m.	440-1,760	-----	\$4,000	Wind	Several buildings unroofed; minor loss to crops.
New Mexico, eastern side of State.	21	-----	-----	-----	-----	Dust	A rather general storm occurred over the eastern side of the State and in the lower Rio Grande Valley.
Tampa, Fla., vicinity of	24	10:30 a. m.	200	0	3,000	Tornado and heavy hail.	A 2-story house toppled over severely injuring a woman; roof and sides of the Seminole ice plant garage blown 75 feet, lodging against trees; a number of liveoaks blown over; all debris and trees blown to a northeasterly direction; buildings destroyed were of poor construction; path 7 to 8 blocks long.
Stillwell, Okla., 8 miles north.	24	2:30 p. m.	1 1	-----	10,000	Hail	Loss principally to crops; path 6 miles long.
O'Neill, Nebr., vicinity of	24	6 p. m.	333	0	5,000	Tornado	Property damaged.
Davison, Miner, Beadle and Clark Counties, S. Dak.	24	6-7:30 p. m.	1 1-10	-----	52,000	Wind	Line squall from southwest; communication systems crippled; farm buildings and machinery wrecked; 2 towers of the Coast and Geodetic Survey demolished; trees blown down; 3 persons injured and cattle killed; estimated property damage \$51,000; loss to crops \$1,000.
Warren, Minn., vicinity of	24	6:30 p. m.	-----	0	4,500	Small tornado	Farm buildings demolished; silos wrecked and trees uprooted; path 25 miles long.
Ortonville, Minn., and vicinity.	24	8 p. m.	-----	-----	5,000	Severe winds	7 persons injured, 6 as the result of a large circus tent being overturned and the canvas torn to shreds; path 25 miles long.
Lake Benton, Minn.	24	8:30-9 p. m.	-----	-----	7,500	Wind	Winds described as rotary; uprooted trees found lying on the ground in same general direction; a number of barns moved from their foundations; several wooden silos wrecked; standing grain lodged; path 25 miles long.
Huron, S. Dak.	24	-----	-----	-----	-----	Line squall	Wind of 46 miles per hour from the west recorded; much damage to trees and shrubs; some damage to sheds and other light structures.
Arriba, Colo., vicinity of	25	4 p. m.	1 10	-----	-----	Hail	Hail the size of large marbles caused considerable damage to early gardens.
Cheyenne County, Kans., northwest portion.	25	6 p. m.	1 4	-----	108,000	Heavy hail	Loss to crops; hailstones in drifts 4 to 5 feet deep in some places; path 18 miles long.
Scott City, Kans., vicinity of.	25	10:30 p. m.	1 5	-----	5,000	do	Loss to crops; path 15 miles long.
New Haven, Conn., vicinity of.	25	-----	-----	-----	-----	Thunderstorm and hail.	7 thunderstorms on this day; hail and lightning caused much damage near the city.
Omaha, Nebr.	26	1-7 a. m.	1 20	-----	200,000	Excessive rain	Damage to streets, sewers, and residences; basements flooded, the gas company measuring a water-level of 7 feet, 3 inches above ground.
Des Moines, Iowa	26	a. m.	-----	-----	-----	Heavy rain	Street temporarily flooded in low spots with water a foot deep; automobiles stalled; damage to pavements; washing of ballast from car tracks; water in basements.
Grand Rapids, Mich.	26	1:29 p. m.	-----	-----	-----	Excessive rain	1.36 inches fell in 59 minutes; streets flooded in the city and outlying districts; automobiles forced to make their way in streams of water; graveled roads impassable; manhole covers forced open spraying streams of water to a height of 2 feet or more; basements flooded in sections of the city that normally are considered high ground.
Paxton, Sherman, and Morgan, Minn.	26	4:30-5 p. m.	2,640	-----	-----	Heavy hail	Considerable damage to growing crops; in some places small grains were a total loss.
Norwood, Minn.	26	6:30 p. m.	1 3	-----	-----	Hail	Considerable damage to growing crops; some windows broken.
Stewartville, Minn., vicinity of.	26	8 p. m.	2,640	-----	10,000	do	Loss to crops.
Valentine, Nebr.	26	p. m.	1 1	-----	10,000	Excessive rain	Damage to property.
Council Bluffs, Iowa	26	-----	-----	-----	-----	do	Approximately \$200,000 loss to property.
Rusk County, Wis.	26	-----	-----	-----	3,000	Hail	Considerable damage to canning peas, small grains, and gardens.
Abbott, N. Mex.	27	1 a. m.	-----	-----	-----	do	Gardens damaged.
Ord, Nebr., vicinity of	27	10 a. m.	1 2	0	1,000	Tornado	Property damaged.
Merns and Broken Bow, Nebr.	27	1-1:30 p. m.	1 4	-----	10,000	Hail	Damage to property.
Hamilton County, Nebr., northern portion.	27	2 p. m.	1 3	-----	25,000	do	Property damaged.
Doretta, N. Mex.	27	3 p. m.	880	-----	-----	Heavy hail	Gardens, beans, and early crops almost total loss.
Ravenna to Cairo, Nebr.	27	3:30-6 p. m.	1 10	-----	25,000	Hail and heavy rain.	Property damaged.
Utica, Nebr., vicinity of	27	4 p. m.	1 3	-----	5,000	Hail	Property damaged.
Nelson, Nebr.	27	6:15 p. m.	1 16	-----	80,000	Hail and heavy rain.	Damage to property.
Colorado Springs, Colo.	27	p. m.	-----	-----	50,000	Hail	Heavy damage to street lights, electric signs, automobile tops, trees, and shrubs; some hailstones half the size of hen eggs.
St. Francis, Kans., vicinity of.	28	6 p. m.	-----	-----	40,000	Heavy hail	Loss to crops.
Adams County, Kans., southern portion.	28	11:30-11:45 p. m.	1 3	-----	50,000	Hail	Except for some light damage to grain and hay, loss was confined to damage to fruits; path 7 miles long.
Hatch, N. Mex.	28	p. m.	100	0	6,000	Tornado	2 buildings unroofed; numerous plate-glass windows broken.
Clinton, Iowa	28	-----	-----	-----	-----	Heavy rain and flood.	1.05 inches of rain fell in 20 minutes; streets covered with rocks, dirt, and other debris, in some places, ranging to a depth of 4 or 5 inches; highways and basements flooded; roadbeds and approaches to bridges and trestles washed out; some districts reported 4 inches or more of rain during this storm.
Fergus County, Mont.	29	5 p. m.	1 3	-----	25,000	Hail	Loss mostly to crops; path 10 miles long.
Harrisburg, Pa., and vicinity	29	-----	-----	-----	-----	Electrical, wind, and hail.	Severe hail stripped many trees, cut corn into shreds and uprooted potatoes; many trees blown down; lowlands flooded; in Carlisle the storm was severe and cellars and sewers were flooded; dwellings unroofed and many trees blown down; lightning disrupted electric service and set fire to a hay field.
Custer, Keystone, and Sylvan Lake, S. Dak., vicinity of.	30	11:30-11:40 p. m.	1,980	-----	-----	Heavy hail	Car tops and cabin roofs punctured; trees stripped of small branches; some crop loss.

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

