

SEVERE LOCAL STORMS, MAY 1941—Continued

Place	Date	Time	Width of path yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Clarkfield, Benson, and Comfrey, Minn., and vicinities.	14	6:30-11:30 p. m.	120		81,000	Hail	Moderate to heavy hail in connection with a tornado, caused damage to growing crops and property. Some livestock and much poultry perished and trees were stripped of leaves and branches, path 25 miles long.
Comfrey, Minn., and vicinity.	14	8:20 p. m.		1	150,000	Tornado	Many farm buildings demolished, livestock killed, trees uprooted, loss to crops, path 7 miles long.
Comfrey, Minn., and vicinity.	14	do			35,000	Rain and flood	Heavy to excessive rains that accompanied a tornado washed out 50 feet of railway grade, flooded lowlands; inundated highways and damaged growing crops.
Lanesboro and Cannon Falls, Minn.	15	1-2 a. m.			100,000	Electrical	A community hall and large grain elevator with 17,000 bushels of grain burned.
Denver, Colo.	15	2:30 p. m.		0		Tornado	Storm not severe, no damage reported.
Kimball County, Nebr.	15	3:30 p. m.	12-4		10,000	Hail	Principal damage to winter wheat.
Union, Marshall and Benton Counties, Iowa.	15	4 p. m.			1,500	do	In Union County damage to greenhouse amounted to \$1,500; other damage in this area unknown.
Iowa, Elkhart to Bondurant eastward into Jasper County.	15	4:30-5 p. m.	12		143,000	Wind and hail	Large hailstones, some 9 inches in circumference. Property damage, \$55,000; crop loss, \$72,000; livestock lost, \$16,000.
Sherman and Thomas Counties, Kans.	10	7:30 p. m.	15		100,000	Heavy hail	Large hailstones caused loss in wheat, path 25 miles long.
Rooks County, Kans.	15	10-11 p. m.	110		172,800	do	Over 60,000 acres of wheat damaged, some a total loss. Livestock lost and automobiles damaged, path 30 miles long.
Bradshaw, Nebr., 5 miles north.	15	11 p. m.	11		20,000	Tornado and hail	Loss to crops from hail, \$10,000; property damaged and livestock killed by tornado, \$10,000.
Decatur County, Kans.	15	11-12 p. m.	14		20,000	Heavy hail	Loss in wheat, path 8 miles long.
Lucas and Paradise, Kans.	15	11:20-12 p. m.		0	75,000	Tornado	Property damaged, 3 persons injured, path narrow and 15 miles long.
Adams to Nemaha Counties, Nebr.	15-16	Noon to 2 a. m.	150		25,000	Hail and wind	Damage extended across parts of 7 counties. Loss to crops, \$175,000; property damage and loss to livestock, \$75,000.
Rooks to Clay County, Kans.	15-16	11 p. m.-1 a. m.	150		75,000	Wind and hail	Chief loss in crops from hail, path 110 miles long.
Shawnee County, Kans.	16	1:53 a. m.	67	0	25,000	Tornado	Property damaged, some cattle killed, some large trees blown over and power lines damaged, path a mile long.
Clay County, Kans.	16	7 a. m.	15		10,000	Heavy hail	Loss in wheat, path 28 miles long.
Columbus, Kans., southwestern portion.	16	3 p. m.	13		10,000	do	Roofs and gardens damaged; loss in wheat, barley, and rye; path 6 miles long.
Ocean View, Va.	17	5 p. m.		2	2,000	Thundersquall	15 or 20 fishing boats overturned.
Kenesaw, Nebr.	19	10 p. m.	12		10,000	Hail	Loss to crops, property damaged.
Roanoke, Va.	23	5:58 p. m.	880		5,000	Thundersquall	Property damaged.
Gem, Boise, and Canyon Counties, Idaho.	24	5 p. m.	120	1	3,400	Electrical	Farmhouse burned, power lines damaged, path 50 miles long.
Knapp, Tex.	26	4 p. m.	11		2,000	Hail	Loss mostly in cotton and fruit, some damage to roofs.
Trempealeau, Wis., vicinity of Brodhead, Wis., vicinity of Lincoln, Redwood, Kandiyohi, Wright, Hennepin, Ramsey, and Goodhue Counties, Minn.	27	5:30 p. m.	2,640		500	Wind	Property damaged.
Minnesota, southern and central counties.	27	do	11		20,000	Straight-line wind	Property damaged, path 7 miles long.
Atwater, Minn., and vicinity.	28	3-7 p. m.			57,500	Hail and heavy rain.	Considerable damage to growing crops in places. In the Twin Cities sewers overflowed and flooded low street intersections and basements.
Delhi, Minn., and vicinity.	28	do			8,150	Thundersqualls	Farm buildings damaged and trees uprooted or branches blown off.
Portage County, Wis.	28	3 p. m.		0	40,000	Possible tornado	Farm buildings partially or totally destroyed, livestock killed, poles and wires down, trees uprooted, path 10 miles long.
Hondo to Riverside, N. Mex.	28	3 p. m.	67	0	20,000	do	Buildings demolished, roofs blown off, poles and wires down, poultry and livestock killed and loss in crops, winds rotary, path 2 miles long.
Trujillo, N. Mex.	29	do			4,000	Wind	Property damaged.
Pierre to Blunt, S. Dak.	29-30	2-4 p. m.	880		10,000	Heavy hail	Loss in fruit.
Springfield, Minn., and vicinity.	29-30	do			600	Hail	Lambs killed.
Richfield, Idaho.	29-30	do				Heavy rain and flood.	Several small dams washed, 3,000 feet of railroad track and several hundred feet of highway washed out or undermined.
Balmorhea, Tex., vicinity of Big Horn, Mont.	30	3 p. m.	2		500	Heavy hail	Heavy to excessive rains washed out railroad tracks, inundated lowlands, drowned poultry, and flooded streets and basements.
York County, Nebr.	31	4-6 p. m.	2,640		25,000	Hail	Property damaged, path 2 miles long.
	31	4:30-5:45 p. m.	12		4,000	do	Loss chiefly in cotton and alfalfa.
	31	5 p. m.	15		15,000	Wind and hail	Loss in beets and winter wheat, path 20 miles long.

¹ Miles instead of yards.

SEVERE LOCAL STORMS, JUNE 1941

[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
Horace, Kans., 2 miles north-east.	1	3:20 p. m.	25	0	\$5,000	Tornado	Property damaged, several vortex clouds seen, path 3 miles long.
Wilmington, N. C.	2	1:07-2:25 p. m.			3,000	Thundersquall	Property damaged, number of trees broken off or uprooted.
Ross, Tex.	2	do	18		5,000	Wind	Property damaged, slight crop loss.
Bluewater, N. Mex.	3	1-1:05 p. m.	14		3,000	Hail	Loss to crops.
Bluewater, N. Mex.	4	2-2:05 p. m.	14		3,000	do	do.
Bluewater, N. Mex.	5	11-11:10 a. m.	14		3,000	do	do.
Roswell, N. Mex.	5	6-7 p. m.	12		5,000	do	Loss in crops, mostly cotton.
De Quincy, La., vicinity of Winona, Kans., and vicinity Hugoton, Kans.	7	9:55 a. m.	17	3	400	Tornado	Small house destroyed, 3 occupants killed and 8 others injured.
	7	6 p. m.	12		100,000	Hail	Chief loss to crops. Only \$1,000 property damage, path 9 miles long.
	7	8-10 p. m.	13		125,000	do	Principal loss in wheat. Storm accompanied by torrential rains and a tornado, path 8 miles long.
Hugoton, Kans.	7	9:30 p. m.	880		50,000	Tornado	Chief damage along scattered path, about 16 miles.
Copeland, Kans., and vicinity.	7	11 p. m.	100		4,000	Wind	Property damaged, storm had tornadic characteristics, path about a mile long.
Progresso, N. Mex.	7-8	do			1,000	Sandstorm	Loss to crops, fields damaged.
Silverton, Tex.	8	4 a. m.	880	0	4,000	Tornado	Damage to buildings, crop loss unknown.
Coffey County, Kans.	8	Noon	66	0	500	do	Property damaged in rural districts, path 5 miles long.
Ruleton, Kans.	8	4:30 p. m.	440	0	140,000	Tornado and hail	Data given for path in Kansas. Storm apparently originated in Cheyenne Wells, Colo. Greater part of damage from tornado at Ruleton, where a consolidated school building, 5 residences and several other buildings were damaged. Storm ended 10 miles north of Goodland. Damage from tornado, \$40,000; damage from hail, \$100,000; path 20 miles long.

¹ Miles instead of years.