

SEVERE LOCAL STORMS, OCTOBER, 1927

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A more complete statement 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	Authority
Campbell, Tex. (near)	1	4:30 p. m.	200		\$4,500	Tornado	Some damage to buildings and crops	Official, U. S. Weather Bureau.
Letot, Tex. (near)	1	6:50 p. m.	440		7,500	do	Buildings damaged; 3 persons injured; path 1½ miles long.	Do.
Ladonia, Tex. (near)	1	8:30 p. m.	100		20,000	do	Considerable damage to property; 3 persons seriously injured; path ¼ mile long.	Do.
Quinton (near), to Whitefield, Okla.	1	8:45-11:15 p. m.	150-300		31,500	do	Considerable damage to property other than crops; 39 persons injured.	Do.
Columbus, Kans. (near)	2	12:15 a. m.	200		10,000	do	A score of farm buildings demolished; power lines damaged; livestock killed.	Do.
Gentry, Ark. (4 miles west of)	2	1 a. m.				do	Houses unroofed; barns demolished; 2 homes moved from foundations; orchard uprooted.	The Record (Fort Smith, Ark.)
Milwaukee, Wis.	2	P. m.				Wind	Wires blown down; trees broken; traffic impeded	Official, U. S. Weather Bureau.
Missouri (southwestern)	2-3				5,300	do	Buildings and crops damaged; tornadic wind near Neosho.	Do.
Monroe and Iowa Counties, Iowa.	3	2:30 p. m.				Hail	Crops injured.	Do.
Milwaukee, Wis.	6	P. m.			2,000	Rain and wind	Overhead wires damaged; basements flooded; pavements washed out.	Do.
Sycamore, Ill. (near)	8	7:30 p. m.	880			Wind	Damage to property and vegetation over path 3 miles in length.	Do.
Dill, Ark.	11	11:30 p. m.	200	5	30,000	Tornado	Many homes wrecked or damaged; gin machinery ruined; 31 persons injured.	Arkansas Gazette (Little Rock, Ark.)
New York (central and southeastern).	12					Rain and high wind.	Streets and cellars flooded; trees, telephone and power lines considerably damaged by wind.	Official, U. S. Weather Bureau.
Ashland County, Wis. (south-central).	30	4:30 p. m.	880		1,200	Probably small tornado.	Roofs of several houses and barns blown off; haystacks scattered.	Do.

STORMS AND WEATHER WARNINGS

WASHINGTON FORECAST DISTRICT

On the 2d storm warnings were ordered between Daytona, Fla., and Savannah, Ga., in connection with a disturbance that apparently developed off the northeast Florida coast and moved north-northwest, crossing the coast line between Savannah and Charleston. The only strong winds were reported near Charleston. The disturbance was of very small extent and short duration, but was seemingly quite severe at the time it crossed the coast line. This disturbance redeveloped being central over Virginia on the evening of the 3d when storm warnings were ordered from Delaware Breakwater to Eastport. Winds of gale force occurred over the region of display.

In connection with a disturbance of marked intensity central over eastern Lake Superior on the evening of the 12th, storm warnings were ordered from Hatteras to Eastport.

The first indication of a tropical disturbance during the month appeared over the northwestern Caribbean on the evening of the 16th and advices were issued generally to shipping and storm warnings were ordered from Punta Gorda to Miami, Fla. As the disturbance moved east by north, to the south of Cuba storm warnings were ordered down. The disturbance was of small extent but of moderate intensity causing some destruction to crops as it passed northeast over extreme eastern Cuba during the night of the 18th.

During this time another disturbance developed in about latitude 30°, longitude 75°, and moved northward. On the afternoon of the 17th storm warnings were ordered from Delaware Breakwater to Eastport, and on the evening of that date extended southward to Wilmington, N. C., and on the morning of the 18th extended northward to Eastport. Warnings were continued on the 19th from Hatteras to Eastport. Strong winds and gales were general.

A tropical disturbance of very slight character passed over St. Lucia, Windward Islands, during the night of the 28th. It thence moved northwestward passing through the Mona Passage and trace of it was lost northeast of the

Bahamas. So far as reports received up to this time indicate it was not of any appreciable energy.

Small-craft warnings were issued on the 9th between Atlantic City and Boston.

Frost warnings were ordered on the 8th, 10th, 12th, 13th, 14th, 16th, 17th, 18th and 19th.—*R. H. Weightman.*

CHICAGO FORECAST DISTRICT

The outstanding feature in the Chicago forecast district during October, 1927, was a period of remarkably mild, pleasant weather during the latter half of the month. It began soon after the middle of the month and lasted until the close. Almost daily from the 19th until the 31st one or more stations in the district reported the highest temperatures of record for so late in the season. Furthermore, virtually no precipitation occurred during this period until the 28th.

Frost warnings.—At the beginning of the month frost warnings were still required over most of the district, except the extreme northern portion, but by the close most vegetation had been killed by frost except in southern and extreme eastern Kansas, Missouri, and the southern portions of Illinois and Indiana. Frost warnings, more or less general in scope, were issued on 17 dates. None was issued, however, between the 24th and 29th, inclusive, when the remarkable mild period above referred to was prevalent.

Storm warnings.—Conditions required the rather frequent issuance of either small-craft or storm warnings during the first three weeks of the month. Most of these were small-craft warnings, but storm warnings were necessary in a few cases.

On the morning of the 2d storm warnings were issued for the Upper Lakes for a disturbance that had moved north-northeastward from Texas to the Upper Mississippi Valley. This warning was justified except on Lake Huron.

Storm warnings were again issued on the night of the 10th in connection with a disturbance that was advancing from the Northwest. The storm lost force during the night and the warnings were changed to those for small craft on the following morning. On the night of the 11th—