

TABLE 2.—Data furnished by the Canadian Meteorological Service, September 1935

Station	Altitude above mean sea level, Jan. 1, 1919	Pressure			Temperature of the air						Precipitation		
		Station reduced to mean of 24 hours	Sea level reduced to mean of 24 hours	Departure from normal	Mean max. + mean min. +2	Departure from normal	Mean maximum	Mean minimum	Highest	Lowest	Total	Departure from normal	Total snowfall
	Feet	In.	In.	In.	°F.	°F.	°F.	°F.	°F.	°F.	In.	In.	In.
Cape Race, Newfoundland.....	99				52.3		58.4	46.2	70	38	11.46		0.0
Sydney, Cape Breton Island.....	48	29.85	29.90	-0.11	56.2	-0.3	64.6	47.8	78	39	5.14	+1.86	.0
Halifax, Nova Scotia.....	88	29.71	29.81	- .23	56.9	- .7	63.0	50.9	70	41	7.17	+3.46	.0
Yarmouth, Nova Scotia.....	65	29.83	29.95	- .10	55.0	-1.1	61.6	48.4	72	42	4.21	+ .60	T
Charlottetown, Prince Edward Island..	38	29.85	29.89	- .12	55.1	-2.2	62.2	48.1	75	38	6.20	+2.80	.0
Chatham, New Brunswick.....	28	29.83	29.86	- .14	53.8	-1.6	63.3	44.3	81	35	3.36	+ .65	.0
Father Point, Quebec.....	20	29.91	29.93	- .05	48.6	-1.8	55.5	41.7	76	29	2.74	- .39	.0
Quebec, Quebec.....	296	29.68	30.00	- .01	53.4	-1.7	60.4	46.4	74	36	5.00	+1.33	.0
Doucat, Quebec.....	1,236				44.9		55.5	34.3	81	18	3.94		T
Montreal, Quebec.....	187												
Ottawa, Ontario.....	236												
Kingston, Ontario.....	285	29.70	30.01	- .03	57.6	-2.4	65.2	50.1	74	32	4.18	+1.38	.0
Toronto, Ontario.....	379	29.62	30.02	- .04	58.8	- .2	67.7	49.9	82	33	3.20	- .05	.0
Cochrane, Ontario.....	930												
White River, Ontario.....	1,244	28.65	29.97	- .01	46.3	-4.0	56.9	35.8	74	22	4.37	+1.60	.4
London, Ontario.....	808				56.8		67.5	46.1	85	28	2.99		T
Southampton, Ontario.....	656												
Parry Sound, Ontario.....	638												
Port Arthur, Ontario.....	644	29.30	30.01	- .03	52.3	+ .1	60.7	43.9	80	27	3.95	+ .47	.0
Winnipeg, Manitoba.....	760	29.13	29.96	+ .02	52.0	- .5	62.3	41.7	82	28	1.63	- .40	.0
Minnedosa, Manitoba.....	1,690	28.15	29.96	+ .02	50.6	+ .1	62.1	39.1	75	22	1.47	+ .11	2.2
Le Pas, Manitoba.....	860		29.94		49.3		59.2	39.4	76	21	1.98		.0
Qu'Appelle, Saskatchewan.....	2,115	27.67	29.90	- .02	52.4	+1.3	65.6	39.2	84	20	.92	- .41	.0
Moose Jaw, Saskatchewan.....	1,759				55.2		69.4	41.0	88	26	.18		.0
Swift Current, Saskatchewan.....	2,392	27.43	29.94	+ .02	54.4	+1.3	69.8	39.0	91	20	.03	-1.19	.0
Medicine Hat, Alberta.....	2,365	27.51	29.99	+ .07	57.4	+2.4	71.6	43.2	92	17	.09	-1.09	.0
Calgary, Alberta.....	3,540	26.36	30.03	+ .11	51.7	+1.9	65.4	38.0	70	17	.38	- .98	T
Banff, Alberta.....	4,521												
Prince Albert, Saskatchewan.....	1,450	28.41	29.98	+ .08	51.1	+2.7	61.6	40.6	76	30	.80	- .48	.0
Battleford, Saskatchewan.....	1,592	28.23	29.96	+ .06	52.9	+1.1	65.7	40.1	84	28	.61	- .64	.0
Edmonton, Alberta.....	2,150	27.70	29.99	+ .09	52.2	+2.9	63.4	40.9	78	24	.70	- .63	.0
Kamloops, British Columbia.....	1,262												
Victoria, British Columbia.....	230												
Barkerville, British Columbia.....	4,180												
Estevan Point, British Columbia.....	20												
Prince Rupert, British Columbia.....	170												
Hamilton, Bermuda.....	151	29.91	30.07	.00	79.7	+2.3	84.9	74.4	88	69	4.52	-1.99	.0

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Cape Race, Newfoundland.....	99				57.9		63.7	52.2	75	44	4.65		0.0
Sydney, Cape Breton Island.....	48	29.88	29.93	-0.02	67.0	+3.7	76.9	57.2	98	45	5.11	+1.49	.0
Halifax, Nova Scotia.....	88	29.73	29.83	- .13	67.2	+3.6	74.8	59.5	93	48	6.39	+2.04	.0
Yarmouth, Nova Scotia.....	65	29.87	29.94	- .03	63.2	+3.0	71.5	54.9	81	48	4.45	+ .83	.0
Charlottetown, Prince Edward Island..	38	29.85	29.89	- .05	65.7	+1.4	72.2	59.2	98	48	7.70	+3.96	.0
Chatham, New Brunswick.....	28	29.82	29.85	- .08	67.2	+4.0	79.3	55.2	102	44	3.02	-1.02	.0
Edmonton, Alberta.....	2,150	27.65	29.90	- .02	58.1	- .7	68.9	47.3	56	34	3.18	+1.05	.0
Kamloops, British Columbia.....	1,262	28.67	29.94	+ .03	65.3	-3.3	73.7	52.0	94	41	1.43	+ .34	.0
Estevan Point, British Columbia.....	20				56.4		62.1	50.6	73	41	1.04		.0
Prince Rupert, British Columbia.....	170				55.8		61.9	49.7	72	44	6.19		.0

SEVERE LOCAL STORMS, SEPTEMBER 1935

[Compiled by Mary O. Souder from reports furnished by Weather Bureau officials]

[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
Tampa, Fla.....	1-4			3	\$1,500,000	Hurricane.....	Man drowned in the Hillsborough River at Tampa, another killed when his bus overturned near Fort Myers, and a woman killed by contact with a live wire; property damaged.
Florida Keys, Fla.....	2-3	P. m.....		409	6,000,000	Severe hurricane..	Winds of 150 to 200 miles per hour undoubtedly occurred with gusts probably exceeding 200 miles per hour; track and cross-ties washed off concrete railroad viaduct, 30 feet above ordinary water level; about \$3,000,000 damage to the Florida East Coast Railroad.
Havre de Grace, Md.....	3	5:45 p. m.....	1,760			Severe thunder- squall.....	General store moved from its foundation; number of barns blown down; 50 trees uprooted damaging poles and breaking wires; much corn flattened; boy injured.
Naylor, Dunkirk, Chaney, Wilson, Jewell, Owings, Friendship, and Fair Haven, Md.....	4	3:30-6 p.m.....	20-880	0	200,000	Tornado.....	Homes, barns, stables and sheds wrecked; trees uprooted, twisted off and stripped of limbs; poles down and cornfields levelled; 3 persons injured; damage to property \$125,000; crop loss between \$50,000 and \$100,000; path 40 miles long.
Walterboro, S. C., vicinity of Talbot, Caroline, and Dorches- ter Counties, Md.....	4-6	10:30 p. m.....	200	0	2,000,000	do..... Excessive rain.....	House demolished and occupant injured. Damage confined to a southern area comprising about two-thirds of Delaware and one-third of Maryland, especially heavy in Talbot, Caroline, and Dorchester Counties, Md., where from 15 to 16 inches of rain fell in 52 hours; in Caroline and Dorchester Counties estimated loss to tomatoes alone is \$300,000; in Federalsburg, Caroline County, flood waters caused \$500,000 damage and many persons temporarily homeless; Maryland State Roads, \$175,000; Pennsylvania Railroad, \$155,000; to crops in Calvert County, \$25,000; and \$25,000 to tobacco, chiefly in Charles County; in Salisbury, Md., loss to crops large, but not estimated; in vicinity of Greenwood, Del., \$14,100 included crop loss, etc.; \$150,000 to roads in Delaware; in vicinity of Seaford, Del., 7,000 acres of corn, 3,000 acres of tomatoes and 1,000 acres of soybeans destroyed or damaged.

SEVERE LOCAL STORMS, SEPTEMBER 1935—Continued

[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
Chapin, S. C.	5	3 a. m.	50	0	2,000	Tornado	Property damaged; path 880 yards long.
Florence, S. C., vicinity of	5	4 a. m.	75	0	300	do	Pecan trees damaged; loss to crops.
Ringgold, Va.	5	10 a. m.	1	0	7,500	do	Property damaged; funnel cloud traveled about 3 miles, skipping places along the way; 3 persons injured.
Dillon, near, S. C.	5	A. m.	50	0	1,500	do	2 tobacco barns demolished and 2 damaged.
Norfolk, Va., and vicinity	5	3:45 p. m.	200	2	22,000	Tornado and waterspout.	\$14,000 of above damage to buildings; storm touched Craney Island, Army base, Naval air station and Willoughby Spit; growing crops stripped from vines and stalks which were flattened as though by a giant roller; a huge bull was carried skyward and dropped to earth, unharmed, some 40 yards away. Gathering momentum as it progressed northeastward the tornado made its first transformation into a waterspout as it left the mainland on its journey to Craney Island, where it whirled through the area occupied by the Public Health Service as a quarantine station, with devastating effect; striking the island about 4 p. m., the tornado developed full strength as attested by damage amounting to \$18,000.
Dames Quarter, Mount Vernon to Whitehaven, Md.	5	6-6:30 p. m.	100	0	5,100	Tornado	Several homes damaged; barns demolished; trees uprooted; 3 persons injured; property damage, \$5,000; crop loss, \$100.
Deltaville, Va.	5	7:15 p. m.	20	0	5,900	do	Loss to buildings.
Plainview, near, Va.	5	7:30 p. m.	75	0	1,000	do	Loss to crops.
Waverly, Va.	5	9 p. m.	200-400	0	3,000	do	House and 3 outbuildings demolished; trees blown down.
Christchurch, Va.	5	9:15 p. m.	83	0	6,000	Straight line winds	Property damage, \$4,000; crop loss, \$2,000.
Savannah, Ga.	5					Heavy rain and wind.	Rain due to tropical storm that passed short distance west of station; plate glass windows blown out and several trees blown down; telephone and electric lines damaged.
Beaufort, Walterboro, and Georgetown, S. C., and vicinity.	5				15,000	Hurricane	Property and crops in coastal region considerably damaged; maximum wind velocity from 45 to 55 miles per hour recorded; several persons injured by falling trees.
Farmville, Va., and vicinity	5		100-500	2	55,000	Tornado	\$30,000 damage to buildings; \$25,000 loss to crops; 12 persons injured.
Virginia, southern portion	5-7				2,100,000	Excessive rain	Highways damaged to the extent of \$450,000; crop loss, principally corn, \$1,650,000.
Deatur and Rawlins Counties, Kans.	6	P. m.	12			Heavy hail	Growing crops greatly damaged; path 6 miles long.
Springfield, near, Colo.	8					Wind and hail	Farmhouse and outbuildings demolished; 5 persons severely injured.
Halethorpe, Md.	13	P. m.			100,000	Severe thundersquall.	B. & O. R. R. grounds of the Iron Horse, large brick transportation building wrecked; models, pictures and other exhibits of railroading damaged or destroyed.
Cheektowaga, N. Y., and vicinity.	14				5,000	Electrical	2 farmhouses damaged by lightning.
Havre, Mont.	16	9 a. m.-4 p. m.				Gale and dust	Large branches blown off trees; considerable dust in the air; at 11:20 a. m., visibility to the east and west was 5 miles, while north and south it was 12 miles.
Oshkosh, Wis., and vicinity	16	2 p. m.			10,000	Squall	Telephone, electric poles and wires blown down; trees uprooted; windows broken, small buildings damaged; in the country southwest of the city buildings were damaged and crops destroyed.
Emporium, Kans.	16	P. m.				Wind and rain	2.14 inches of rain recorded in 30 minutes; streets flooded and strewn with debris; trees uprooted.
Neva, near, Wis.	17		33	0	1,000	Tornado	Machine shed wrecked and trees uprooted.
Clark, Jackson, Juneau, Wood, and Winnebago Counties, Wis.	18				150,000	Hail	From 25 to 50 percent of unharvested cranberry crop destroyed.
La Crosse, Vernon, Monroe, and Dane Counties, Wis.	19-20	P. m.				Heavy hail	Windows broken; automobile tops punctured; and much crop loss.
Augusta, Ga.	21					Thunderstorm and hail.	4 primary power lines and telephone wires blown down; trees uprooted.
Trenton, N. J.	21		67-100			Thundersquall and heavy rain.	Large 3-story chicken house, 30 by 60 feet, completely twisted on its foundation bending the anchor bolts at one end; new silo demolished; farm machinery overturned and haystacks blown down.
Timmons ville, near, S. C.	23	A. m.			10,000	Electrical	Large barn containing 1,500 bushels of oats and large quantity of hay struck by lightning and burned; included in the loss were 9 mules, 2 horses, and several head of cattle.

LATE REPORT, AUGUST 1935

Canadian and Cleveland Counties, Okla.	31				25,500	Flood	A slight overflow of the South Canadian River caused damage, principally to bridges, estimated at \$18,000 in Canadian County and \$7,500 in Cleveland County.
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¹ Miles instead of yards.

CORRECTION

The hailstorm listed in this table as occurring on June 28, 1935, in Adams County, Kans., occurred in "Adams County, Idaho."



