

TABLE 2.—Data furnished by the Canadian Meteorological Service

APRIL 1934

Stations	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				34.8		39.3	30.4	45	11	2.47		0.0
Sydney, Cape Breton Island.....	48	30.01	30.06	+0.17	37.9	+2.9	46.1	29.8	62	14	5.28	+1.43	4.0
Halifax, Nova Scotia.....	88	29.76	29.87	-0.09	40.9	+3.1	48.2	33.7	64	25	6.01	+1.83	.0
Yarmouth, Nova Scotia.....	65	29.90	29.97	+0.01	42.1	+3.2	49.6	34.6	61	26	3.36	-0.46	.0
Charlottetown, Prince Edward Island.....	38	29.95	29.99	+0.09	39.6	+4.4	47.0	32.2	62	24	2.48	-0.17	2.8
Chatham, New Brunswick.....	28	29.89	29.92	+0.02	38.6	+3.1	47.0	30.1	64	17	4.56	+1.93	3.8
Father Point, Quebec.....	20	29.93	29.95	+0.02	36.7	+3.5	43.4	30.1	62	14	3.54	+1.96	.0
Quebec, Quebec.....	296	29.65	29.98	-0.01	38.9	+3.8	45.1	32.8	70	15	3.56	+1.47	1.8
Doucet, Quebec.....	1,236				32.2		41.1	23.3	71	0	3.81		23.2
Montreal, Quebec.....	187												
Ottawa, Ontario.....	236	29.67	29.94	-0.08	40.3	+3	48.4	32.3	74	20	3.89	+2.39	7.8
Kingston, Ontario.....	285	29.63	29.95	-0.07	40.5	+5	47.4	33.6	63	26	2.35	+0.56	4.2
Toronto, Ontario.....	379	29.53	29.95	-0.07	42.0	+1.2	50.0	34.1	71	27	2.61	+0.24	1.9
Cochrane, Ontario.....	930				30.6		38.2	23.1	71	4	2.54		12.9
White River, Ontario.....	1,244	28.52	29.86	-0.18	28.1	-4.9	37.7	18.5	61	-4	3.47	+2.22	30.6
London, Ontario.....	808				40.4		49.0	31.8	70	18	3.42		5.4
Southampton, Ontario.....	656	29.19	29.92	-0.11	38.2	-5	46.4	30.1	74	20	1.42	-0.38	4.0
Parry Sound, Ontario.....	688	29.20	29.90	-0.12	37.3	-3	45.4	29.3	74	19	2.55	+0.64	14.5
Port Arthur, Ontario.....	644	29.16	29.88	-0.15	34.5	+1.0	41.6	27.3	61	19	1.04	-0.68	7.9
Winnipeg, Manitoba.....	760	29.10	29.94	-0.08	37.9	+2.0	46.2	29.7	85	17	.88	-0.17	2.4
Minnedosa, Manitoba.....	1,690	28.13	29.98	-0.03	37.3	+1.3	47.7	27.0	76	16	.57	-0.49	3.6
Le Pas, Manitoba.....	860				33.1		43.9	22.4	64	-2	1.67		10.5
Qu'Appelle, Saskatchewan.....	2,115	27.67	29.93	-0.06	40.8	+3.4	53.4	28.3	82	12	.53	-0.52	2.2
Moose Jaw, Saskatchewan.....	1,759				43.2		57.7	28.6	86	12	.09		.1
Swift Current, Saskatchewan.....	2,392	27.41	29.95	-0.01	44.8	+3.5	59.4	30.2	84	14	.11	-0.82	.5
Medicine Hat, Alberta.....	2,365	27.44	29.93	+0.01	48.5	+4.0	62.2	34.7	83	18	.24	-0.50	.0
Calgary, Alberta.....	3,540	26.29	29.97	+0.07	46.3	+6.7	59.3	33.3	81	19	.62	-0.02	.6
Banff, Alberta.....	4,521												
Prince Albert, Saskatchewan.....	1,450	28.42	30.01	+0.03	40.1	+4.0	51.6	28.6	80	8	1.04	+0.21	6.3
Battleford, Saskatchewan.....	1,592	28.23	29.99	+0.02	42.0	+4.8	54.9	29.1	83	13	.95	+0.48	2.9
Edmonton, Alberta.....	2,150	27.68	29.98	+0.09	45.4	+5.5	56.8	33.9	80	19	1.46	+0.58	3.0
Kamloops, British Columbia.....	1,262	28.72	30.00	+0.07	56.3	+7.4	71.1	41.6	90	30	.13	-0.26	.0
Victoria, British Columbia.....	230	29.80	30.06	+0.05	50.2	+3.4	60.4	40.1	75	36	1.06	-1.31	.0
Barkerville, British Columbia.....	4,180												
Estevan Point, British Columbia.....	20				49.0		53.7	44.4	60	34	5.05		.0
Prince Rupert, British Columbia.....	170				45.2		53.4	36.9	65	31	5.53		.0
Hamilton, Bermuda.....	151	29.91	30.07	+0.02	68.3	+4.4	72.5	64.0	77	58	9.11	+4.93	.0

LATE REPORTS FOR MARCH 1934

Cape Race, Newfoundland.....	99				27.0		32.8	21.3	38	6	4.11		2.1
Hamilton, Bermuda.....	151	30.06	30.22	+0.14	65.9	+3.7	71.1	60.8	77	55	3.67	-1.46	.0

SEVERE LOCAL STORMS, APRIL 1934

(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	Authority
Stanford (near), Mont.....	2			1		Blizzard.....	Man died from cold, exposure, and fatigue in the Big Belt Mountains.	Official, U.S. Weather Bureau.
St. Croix, Dunn, Eau Claire, Chippewa, Barrow, and 6 other counties, Wis.....	2-3			9	\$1,000,000	Floods.....	Damage to highways and bridges.....	Do.
Milwaukee, Wis.....	3	8:20 a.m.			10,000	Thundersquall.....	3 large roofs blown off; windows blown in; garage and barn overturned; streets flooded and many cars stalled; 1 person injured by lightning and several by objects blown by the wind.	Do.
Minnesota, southeastern counties bordering the Mississippi River.....	3	A.m.		3		Excessive rain.....	Small streams overflowed their banks, inundating farm lands and highways; railroad tracks washed out in a number of places, one washout causing wreck of freight train 1 mile east of Hudson, Wis., in which 3 men were killed; some livestock perished; much property damage.	Do.
Fowlerville (near), Mich.....	3	1:30 p.m.		1		Wind, electrical.....	Several barns blown down, another burned by lightning; man killed by falling timber when his barn was completely demolished.	Do.
Leedy, Okla., and vicinity.....	3	5:30-9 p.m.			12,500	Heavy hail.....	Some livestock killed; many windows broken and considerable property damaged; loss to crops; path few miles wide and about 15 miles long.	Do.
Fairview, Okla., 12 miles southwest.....	3	6 p.m.	200		5,000	Tornado.....	2 persons injured; crops not sufficiently advanced to be damaged; loss to property; path 5 miles long.	Do.
Cheyenne, Okla., 8 miles west.....	3	6-11 p.m.	10		12,000	Heavy hail.....	Loss to crops \$10,000; property loss \$2,000.....	Do.
Anthony, Kans., 8 miles north-east.....	3	9 p.m.	33		1,000	Wind.....	Barn and several buildings wrecked; storm had tornadic characteristics.	Do.
Cleveland, Ohio.....	3	P.m.			40,000	2 thundersqualls and hail.....	Electric light poles blown down; cables disabled by lightning and wind; roofs blown off; windows smashed; walls blown down; trees uprooted; several automobiles and trucks blown over.	Do.
Eaton County, Mich.....	3			1		Electrical.....	Man killed when his barn was struck by lightning.	Do.

¹ Miles instead of yards.

SEVERE LOCAL STORMS, APRIL 1934—Continued

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Michigan, southeastern portion	3					Wind	Considerable damage to telephone lines and to trees	Official U. S. Weather Bureau.
Chautauqua Lake, N. Y., Ashville Bay to Beechwood.	3					do	Severe wind piled thousands of tons of ice along south shore causing damage to boats, boathouses and docks amounting to several thousand dollars.	Do.
Spencerville, Ohio	3				500	Hail	Hailstones as large as hen's eggs; damage chiefly to greenhouses and to automobile tops.	Do.
Upper Washita Valley, Okla.	3-4			17	580,000	Excessive rain and flood.	Destruction to property and loss to crops.	Do.
Vimville, Miss.	4	5 p. m.			500	Wind	House completely demolished, an occupant being slightly injured; on a nearby farm outbuildings were damaged and some chickens killed.	Do.
Western Colorado	4					Snow	A 2-foot blanket of new snow covered the Red Mountain Pass route between Ouray and Silverton; busses operating on the route could not get through; Monarch Pass also closed.	Do.
Woodward and Blaine Counties, Okla.	4				7,600	Rain and flood	The North Canadian River in extreme southeastern Woodward and western Blaine Counties rose rapidly and overflowed some bottom lands in this vicinity.	Do.
Brookshire, Tex.	5	2:15 a. m.	100			Tornado	4 buildings completely demolished and several damaged; 1 person injured; path 440 yards long.	Do.
Oil Trough, Ark.	5-6	P. m.			1,000	Wind	House demolished and several damaged.	Do.
Erick, Okla., 1 mile southeast	6	8-9 p. m.	12		500	Heavy hail	Damage principally to crops; path 3 miles long.	Do.
Helena (near), Mont.	8	P. m.		3		Wind	3 men drowned in Hauser Lake when their outboard motor craft foundered and sunk from strong winds and high waves.	Do.
Winchester and Springdale, Kans.	9	5 p. m.	100			Tornado	Funnel-shaped cloud seen at Kansas City, 30 miles distant; no buildings struck; damage small.	Do.
Independence (near), La.	10	1 p. m.				Heavy hail	Considerable damage to strawberry crop, amount not estimated.	Do.
Picayune, Miss.	10				2,000	Wind	Barn destroyed.	Do.
West Palm Beach, Fla.	11	2:30 p. m.				Tornadic wind	Minor damage to plate-glass windows and awnings for distance of 2 blocks; 2 persons cut by flying glass.	Do.
Springfield, Mo.	11	6 p. m.				Dust and wind	Dust storm here worst in city's history; wind reported to have reached a velocity of 125 miles an hour at a height of 10,000 feet.	Do.
Norfolk, Va.	11	6:37-7:50 p. m.				Thunder and electrical.	Electric service in many section of the city disrupted.	Do.
Norfolk and Nansemond Counties, Va.	11	7-7:30 p. m.	12		11,000	Hail	Windows broken; automobile tops punctured and bark of young trees damaged; \$10,000 loss to crops; path 20 miles long.	Do.
Mendenhall, Miss., vicinity of	12				5,000	do	Considerable damage to vegetable crops; windows broken.	Do.
Mohawk Valley, central portion, and the Adirondacks, N. Y.	12					Snow	6 to 18 inches of snow fell resulting in hazardous traffic for automobiles.	Do.
Venice, La.	15	5:30 p. m.	880		5,000	Thundersquall	4 persons injured, 2 severely; property damaged.	Do.
Johnston (near), S. C.	17	4 p. m.	800		15,000	Heavy hail	Damage to peach and asparagus crops; path 6 miles long.	Do.
Arkadelphia, Ark., and vicinity.	17	6 p. m.	440			do	Severe damage to fruit and gardens; path 5 miles long.	Do.
Kerrville (near), Tex.	17	6:30 p. m.	5			Hail	Severe damage to crops; considerable damage to roofs and windows; path 20 miles long; no estimate of damage given.	Do.
Jefferson Davis, Parish, La.	17	11 p. m.	2,640			do	Considerable damage to gardens and crops; path several miles long.	Do.
Arkadelphia, Ark., 6 miles south.	18				5,000	Wind and hail	Several barns blown down; cotton gin unroofed.	Do.
High Island, Tex.	19	6:20 a. m.	12		42,000	Tornadic winds	\$40,000 damage to oil derricks; other damage to garages, fences, etc.	Do.
Jefferson Davis, Acadia, Vermillion, Lafayette, and St. Landry Parishes, La.	19	9-10 a. m.		4		Gales, electrical	Great damage to dwellings, barns, warehouses, and trees; a number of oil derricks blown down.	Do.
Opa Locka, Fla.	19	4 p. m.	32		1,625	Tornadic wind and hail	Moderate hail caused \$1,000 damage to crops; wind blew in 30-ton door of dirigible hangar causing damage of \$825.	Do.
Kosciusko, Miss.	22					Hail	Considerable damage to growing crops.	Do.
Shellmound, Miss., vicinity of	22				7,000	do	Damage to buildings \$2,000 and an estimated loss of \$5,000 to growing crops.	Do.
Davenport, Iowa	23	1:30 - 2:30 p. m.				Severe dust storm	This storm was widespread and visibility at its height was reduced to 1/4 of a mile; the penetrating dust caused much discomfort.	Do.
Frenchville Gorge, N. Y., 10 miles north of Rome.	24	10:30 a. m.	35			Severe wind	1 person injured; several buildings unroofed; large barn demolished; many trees uprooted; length of path 1 1/2 miles; damage amounting to several thousand dollars.	Do.
Richmond, Va.	24	4-5 p. m.	11		1,100	Thundersquall	About 200 telephones put out of order; property damaged.	Do.
Syracuse, Kans., vicinity of	26	1 p. m.	11		500	Heavy hail	Chief damage to fruit and truck; path 1 mile long.	Do.
Weiser, Idaho, 3 miles east	29	3 p. m.	11		3,000	Hail	Damage to gardens, fruit, trees, and crops.	Do.
Bell-Mikesville, Fla.	29	3:30-4 p. m.	12		35,000	Heavy hail	Loss to crops estimated at \$20,000; \$15,000 damage to timber and houses; path 25 miles long.	Do.
Idaho County, Idaho, western portion.	29	9 p. m.	10		10,000	Hail	Loss to crops; path 15 miles long.	Do.
New London, Minn., vicinity of	29	do				Wind	Small farm building damaged.	Do.
Jefferson County, Mont., southeastern portion.	30	3 p. m.	12		1,000	Tornadic winds	Ground badly blown; damage to light buildings; path 5 miles long.	Do.
Nekoma, Kans.	30	7 p. m.	440		1,500	Tornado	1 person injured; bank building, lumber yard, and smaller buildings damaged.	Do.
Hutchinson, Minn., vicinity of	30	5:30 p. m.			10,000	Thundersquall and hail	Property damaged; a personal injury was reported due to a school bus being turned over by the wind.	Do.
Dighton, Kans.	30	7:30 p. m.	50		500	Tornado and dust	2 persons slightly injured; small house demolished; path 440 yards long.	Do.
Ness County, Kans., north-eastern portion.	30					Heavy rain	3.25 inches of rain fell washing out 1/4 mile of Missouri Pacific track at Brownell and damaging the track at Warring and McCracken.	Do.

¹ Miles instead of yards.