

TABLE 2.—Data furnished by the Canadian Meteorological Service

MARCH 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
	Fcct	In.	In.	In.	° F.	° F.	° F.	° F.	° F.	° F.	In.	In.	In.
Cape Race, Newfoundland	99												
Sydney, Cape Breton Island	48	30.06	30.11	+0.23	25.9	-0.3	35.6	16.3	48	-3	2.85	-2.08	16.5
Halifax, Nova Scotia	85	29.85	29.96	+0.2	29.3	+3	36.2	22.4	48	4	4.16	-1.36	17.5
Yarmouth, Nova Scotia	65	30.01	30.08	+0.13	32.1	+1.3	38.8	25.4	49	10	3.65	-1.35	16.6
Charlottetown, Prince Edward Island	38	30.03	30.07	+0.17	26.0	+0.6	33.4	18.7	47	2	3.66	+0.45	24.1
Chatham, New Brunswick	28	29.96	30.00	+0.10	21.4	-1.6	32.4	10.4	46	-12	2.91	-0.56	10.3
Father Point, Quebec	20	30.04	30.07	+0.17	21.5	+1.2	28.2	14.8	40	15	3.05	+0.32	30.1
Quebec, Quebec	296	29.79	30.14	+0.18	20.9	-0.3	27.7	14.1	41	-5	3.80	+0.54	28.4
Doucet, Quebec	1,236				9.6		24.6	-5.5	45	-46	2.49		24.5
Montreal, Quebec	187												
Ottawa, Ontario	236	29.86	30.14	+0.13	23.5	+2.0	32.5	14.5	47	-8	4.99	+2.27	16.4
Kingston, Ontario	285	29.80	30.13	+0.12	26.2	+0.6	32.7	19.8	50	-1	2.52	-0.12	4.0
Toronto, Ontario	379	29.72	30.15	+0.13	28.0	+0.7	34.7	21.3	53	1	2.67	+0.03	10.8
Cochrane, Ontario	930				12.5		22.9	2.1	44	-26	1.40		13.4
White River, Ontario	1,244	28.69	30.07	+0.04	10.2	-2.0	24.3	-4.0	42	-46	2.60	+1.22	26.0
London, Ontario	808				25.2		33.0	17.5	57	-2	2.79		6.3
Southampton, Ontario	656	29.38	30.13	+0.10	22.0	-2.7	29.5	14.6	46	-7	2.64	-0.01	11.8
Parry Sound, Ontario	688	29.39	30.13	+0.11	21.4	+0.3	29.5	13.4	44	-14	3.41	+1.18	22.4
Port Arthur, Ontario	644	29.35	30.08	+0.03	18.0	+1.2	26.4	9.7	49	-12	0.68	-0.29	6.3
Winnipeg, Manitoba	760	29.27	30.15	+0.06	14.4	+2.1	24.5	4.3	44	-19	1.18	+0.15	9.1
Minnedosa, Manitoba	1,690	28.24	30.14	+0.08	16.8	+4.3	26.8	6.8	44	-12	0.17	-0.48	1.7
Le Pas, Manitoba	860				9.4		21.0	-3.0	44	-22	0.23		2.3
Qu'Appelle, Saskatchewan	2,115	27.74	30.06	+0.02	23.2	+8.3	32.7	13.6	56	-7	0.37	-0.40	2.2
Moose Jaw, Saskatchewan	1,759				26.2		35.8	16.7	61	-6	0.37		2.4
Swift Current, Saskatchewan	2,392	27.48	30.09	+0.07	27.1	+5.1	36.4	17.9	57	-13	0.51	-0.30	4.9
Medicine Hat, Alberta	2,365	27.52	30.06	+0.06	29.9	+2.4	39.1	20.7	66	-7	1.29	+0.53	11.2
Calgary, Alberta	3,540	26.33	30.12	+0.17	27.6	+1.4	36.7	18.6	66	1	1.42	+0.70	14.2
Banff, Alberta	4,521	25.38	30.07	+0.13	29.3	+9.1	38.6	20.0	53	3	1.04	-0.37	9.7
Prince Albert, Saskatchewan	1,450	28.52	30.17	+0.09	16.4	+4.4	27.3	5.6	53	-23	0.81	+0.04	7.9
Battleford, Saskatchewan	1,592	28.34	30.15	+0.09	22.6	+9.5	31.8	13.4	54	-12	0.32	-0.14	2.9
Edmonton, Alberta	2,150	27.77	30.13	+0.17	26.2	+2.0	34.4	17.9	64	-3	0.88	+0.16	4.1
Kamloops, British Columbia	1,262	28.80	30.12	+0.20	41.2	+5.1	50.9	31.5	64	23	1.06	+0.49	5.0
Victoria, British Columbia	230	29.85	30.11	+0.14	48.7	+6.8	54.6	42.8	63	37	4.12	+1.00	0
Barkerville, British Columbia	4,180												
Estevan Point, British Columbia	20				46.0		5.13	40.8	56	33	8.31		0
Prince Rupert, British Columbia	170				41.3		47.9	34.6	63	26	8.10		3.0
Hamilton, Bermuda	151												

LATE REPORTS FOR FEBRUARY 1934

Cochrane, Ontario	930				-7.4		4.7	-19.5	28	-36	1.18		11.8
Port Arthur, Ontario	644	29.46	30.22	+0.17	5.0	-1.4	15.5	-5.5	38	-29	0.34	-0.56	3.4
Banff, Alberta	4,521	25.43	30.19	+0.21	22.6	+3.4	32.7	12.4	44	-25	0.22	-0.70	1.4
Edmonton, Alberta	2,150	27.76	30.13	+0.11	21.9	+13.6	31.4	12.5	52	-25	0.56	-0.11	5.6
Kamloops, British Columbia	1,262	28.86	30.19	+0.23	31.7	+3.4	38.4	25.1	57	11	0.09	-0.70	0
Estevan Point, British Columbia	20				44.8		50.7	38.9	54	30	6.98		0

SEVERE LOCAL STORMS, MARCH 1934

[Compiled by Mary O. Souder]

[This 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
Gordo, Ala., southwest to northeast of	2		100		\$2,000	Tornadic winds	3 persons injured; property damaged; path 2 miles long.	Official, U.S. Weather Bureau.
Hill County, Mont.	2					Gale	Damage to plowed fields by soil blowing.	Do.
Chattanooga, Tenn., and vicinity.	3					Flood	Previous heavy rains caused flooding conditions; families in lowlands forced to move out.	Do.
Albany (near), Ga.	4				5,000	Wind	Several buildings demolished; considerable amount of lumber destroyed.	Do.
South Dakota, entire State	4	P.m.				Wind and dust	Due to long-continued drought and barren fields, wind caused much blowing of soil.	Do.
Golden, Colo., and vicinity	5	A.m.				Wind	Property damage amounting to thousands of dollars.	Do.
Roswell, N.Mex.	5					do	House unroofed; windmill blown down; roof taken off instrument shelter.	Do.
South Dakota, eastern portion of State	5	8 a.m.-8 p.m.				Wind and dust	Severe duststorm; much blowing of soil.	Do.
Superior, Ariz.	8				5,000	Wind	Buildings and trees damaged; wind velocity of 84 miles per hour recorded.	Do.
La Villa-Mercedes, Tex.	14	3-5 p.m.	15			Hail	Severe damage to tomato crop, other crops also damaged; some property damage; no estimate of loss given; path 28 miles long.	Do.
South Dakota, entire State	16	7 a.m.-7 p.m.				Dust and gale	Unusually severe duststorm; lights required in early afternoon; visibility at times less than 50 yards; motorists and traffic moved slowly.	Do.

1 Miles instead of yards.

SEVERE LOCAL STORMS, MARCH 1934—Continued

Place	Date	Time	Width of path (yards)	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Cottage Grove, near, Wis.	17	2:45 a.m.	38-75		1,300	Tornado	Automobile lifted from the ground and a water tank wedged underneath it; farming implements damaged; storm confined to 1 farm.	Official, U.S. Weather Bureau.
Canal Point, Fla.	17	5:15 p.m.	300			Heavy hailstorm	Damage to crops amounted to several hundred dollars.	Do.
Springfield, Mo.	17	5:50-11:45 p.m.				Heavy sleet	Storm worst of entire winter; traffic greatly hampered; minor accidents numerous.	Do.
Fort Wayne, Ind.	17	P.m.				Electrical and heavy rain.	Windows in 14 houses shattered and 1 person rendered unconscious by lightning; child injured by flying glass.	Do.
Arcadia, Fla.	17		880			Hail	Most severe hailstorm ever experienced in this locality; little damage to property.	Do.
Nashville, Tenn.	19	4 a.m.-5:30 p.m.			275,800	Rain, sleet and glaze.	The weight of glaze which formed on all exposed objects caused telephone poles and many trees to fall; many communities without electricity; worst storm in history of the station; coating of sleet and ice on the ground about an inch thick.	Do.
Madison County, Fla.	19	11 a.m.			1,500	Scattered wind squalls.	Property damaged.	Do.
Evansville, Ind.	23				1,000	Glaze	Details of damage not given.	Do.
Memphis, Tenn.	23					Electrical	Lightning caused much damage to power and light lines and set fire to several houses.	Do.
Pitkin, La.	26	3:30 a.m.	17		5,000	Tornadic winds	Property damaged; path 300 yards long.	Do.
Ville Platte, La., 7 miles west.	26	4:15-4:40 a.m.	12		1,000	Thundersquall	Several barns blown over; roof blown off; path 4 miles long.	Do.
Tallulah, La.	26	7 a.m.			17,000	Tornadic winds	A cotton warehouse demolished and other buildings damaged; path several hundred yards wide and about 440 yards long.	Do.
New Orleans, La., eastern portion.	26	8:05-8:10 a.m.	33-66		150,000	Tornado	Telephone and electric wires and poles torn down; 15 persons injured; 60 houses demolished and 50 damaged; path 4 miles long. For further details see article in the Monthly Weather Review, this issue.	Do.
Cheyenne, Wyo.	26	A.m.				Snow and glaze	Moist snow and heavy mist froze causing glaze to form; walking hazardous; some damage to wire systems.	Do.
Chicago, Ill.	26					Snow	Slippery streets hampered traffic; driving hazardous.	Do.
Springfield, Ill.	26					Snow and sleet	Traffic conditions hazardous; streets slippery and walking difficult.	Do.
Fort Wayne, Ind.	26				10,000	Rain, sleet, and glaze.	Glaze remained on trees and wires for 2 days.	Do.
Madison, Delaware, Blackford, and Grant Counties, Ind.	26-27	A.m.			125,000	Glaze	Damage to transportation and power lines estimated to be \$125,000; large limbs of trees broken.	Do.
Detroit, Mich.	26-27					Heavy snow and sleet.	9.8 inches of snow and sleet, heaviest 24-hour snowfall since December 1929; traffic delayed; streets slippery; trains 1 to 2 hours late; busses stalled on streets and roads leading to Detroit.	Do.
Ohio, northern half of State.	26-29					Glaze	Considerable damage to telephone and power lines and to trees; streets and walks exceedingly icy and slippery, greatly delaying traffic; many accidents to pedestrians and motorists.	Do.
Indianapolis, Ind.	27	A.m.				do.	Much damage to power and telegraph wires and poles; service and traffic delayed.	Do.
South Dakota, eastern portion of State.	27-28					Wind and dust	High winds caused severe dust storms; farmers unable to work in fields; blowing of soil caused injury to rye crop; much labor and expense involved in cleaning up after the storm.	Do.
Denver, Colo.	29	11:45 a.m.		1		Electrical	1 person killed by lightning.	Do.
Belle Glade, Fla.	29					Heavy rain	2,500 to 3,000 acres of beans washed out.	Do.
Charles City, and Dubuque, Iowa.	29-30					Glaze	½ to ¾ inch of ice formed on pavements, trees, wires, and walls.	Do.
Winona, Minn.	29-31					Snow	18 inches of snow fell, this being twice as heavy as the previous fall this winter.	Do.
Clearwater County, Idaho, southwestern portion.	30	5:30 p.m.				Hail	Damage not estimated.	Do.
Madison (near), Fla., and vicinity.	30	6 p.m.			600	Heavy hail	Loss to crops; 5 hogs and many birds killed; windows broken.	Do.
Cocoa, near, Fla.	31	8:30 p.m.				do.	Heavy hail both sides of Indian River north and south of Cocoa; large crop damage; small fowls killed and young citrus trees injured.	Do.

SEVERE LOCAL STORMS, FEBRUARY 1934 (SUPPLEMENTARY TABLE)

Conway, S.C.	10			1		Sleet and ice	Ice-coated windshield caused the death of 1 man.	Official, U.S. Weather Bureau.
Greenville, S.C.	25	8 p.m.			\$5,000	Wind	Telegraph and telephone poles, weighted with glaze, blown down.	Do.
Union, S.C.	25	P.m.			3,000	do.	Damage to several chimneys and roofs.	Do.
Iva, S.C.	25				5,000	Thundersquall	Store windows blown in, chimneys blown down; roofs damaged; trees uprooted.	Do.
Saylor's Cross Roads, S.C.	25				2,000	do.	Barn and garage on 1 farm and 3 outbuildings on another wrecked, or partly so.	Do.
Anderson, S.C., northeast within the State.	25-26				30,000	Wind	Considerable number of poles and wires, weighted with ice, blown down.	Do.
Luray, S.C.	26	4 a.m.			2,000	do.	Dwelling blown down and the 2 occupants slightly injured.	Do.

¹ Miles instead of yards.



