

Environment Canada Imaging Cover Page

Report N.:



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AVERAGE FREQUENCY OF DAILY MAXIMUM WIND SPEEDS

1. The attached tables show the average frequency of daily maximum wind speeds. The values shown are the average number of days each month when the maximum wind speed maintained over one hour fell into any one of the five different speed groups. Annual values are expressed both as a frequency, in days, and as a percentage of the total number of days during the year.
2. These wind frequency data are based on the four-year period from January 1955 to December 1958. Data are complete for every hour of the four-year period at most stations, but in the case of incomplete records data have been used where at least three years are available for the majority of the months.
3. Stations listed here are ones which have autographic wind equipment and complete wind form 2306 each month. These forms were examined for the four-year period in question, and the highest hourly mileage or wind speed selected for each day. Current meteorological observing stations for which data do not appear here, either have had unserviceable equipment or were not equipped with autographic wind recorders.
4. Reference is made to the data from Agassiz in British Columbia as an example of the proper way to interpret the data on the attached sheets. Of the 31 days in January at Agassiz, 17 days on the average have the maximum wind speed for an hour in the range from 0 - 18 miles per hour, 5 days are in the range 19-24, 3 from 25-31, 4 from 32-38, and 2 days had maximum hourly wind speeds of 39 miles per hour and over. Over the year as a whole, eighty-five per cent of the days had maximum wind speeds in the range 0-18 miles per hour, and only one per cent of the days had an hourly wind mileage of 39 miles or over.

MKT:dd
Sept. 24, 1959.

Meteorological Branch,
Department of Transport,
Toronto, Ontario.

AVERAGE FREQUENCY OF DAILY MAXIMUM WIND SPEEDS

STATION AND SPEED GROUPS	ANNUAL												FREQ.	PERCENT
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
<u>AGASSIZ, B.C.</u>														
0-18 mph	17	20	27	28	30	29	30	31	27	27	21	21	308	85
19-24	5	3	3	2	1	1	1	0	2	3	4	4	29	8
25-31	3	3	1	*	*	0	*	0	1	1	2	4	15	4
32-38	4	1	*	0	0	0	0	0	*	0	2	1	8	2
39 & over	2	1	0	0	0	0	0	0	0	0	1	1	5	1
<u>ASHCROFT, B.C.</u>														
0-18 mph	30	25	24	20	20	16	23	22	23	22	27	28	280	77
19-24	1	3	5	6	9	12	8	7	5	7	2	1	66	18
25-31	0	*	2	4	2	2	*	2	2	1	1	2	18	5
32-38	0	0	*	*	0	*	*	0	0	1	0	*	1	*
39 & over	*	*	*	0	0	0	0	0	0	0	0	*	*	*
<u>BEATTON RIVER (A), B.C.</u>														
0-18 mph	28	24	27	25	24	27	28	30	25	24	26	28	316	86
19-24	2	4	3	4	6	3	2	1	5	6	3	3	42	12
25-31	1	0	1	1	1	0	1	0	*	1	1	*	7	2
32-38	0	0	0	0	0	*	0	0	*	0	0	0	*	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<u>CAPE ST. JAMES, B.C.</u>														
0-18 mph	4	1	5	4	6	5	7	8	5	3	5	4	57	16
19-24	2	1	4	6	7	6	4	9	7	4	4	2	56	16
25-31	4	5	5	6	10	8	9	10	8	5	5	5	80	21
32-38	6	8	4	8	5	7	7	3	5	7	4	7	71	19
39 & over	15	13	13	6	3	4	4	1	5	12	12	13	101	28
<u>CARMI, B.C.</u>														
0-18 mph	31	27	28	29	30	30	30	31	29	29	28	28	350	96
19-24	0	1	2	1	1	*	1	*	1	2	1	2	12	3
25-31	0	*	1	*	0	0	0	0	0	0	1	1	3	1
32-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 & over	0	0	0	0	0	0	0	0	0	0	0	*	*	*
<u>COMOX (A), B.C.</u>														
0-18 mph	23	21	23	26	30	28	27	30	27	24	22	19	300	83
19-24	4	5	4	3	1	2	4	1	2	4	4	7	41	11
25-31	3	2	3	1	0	0	0	0	1	3	3	4	20	5
32-38	1	0	1	*	0	0	0	0	0	*	1	1	4	1
39 & over	*	0	*	0	0	0	0	0	0	0	0	0	*	*

(1) Based on autographic Hourly Wind Data over the Period 1955-58.

(2) * Less than 0.5 days or 0.5 percent.

STATION AND
SPEED GROUPS

ANNUAL
FREQ. PERCENT

ALERT, N.W.T.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL FREQ.	PERCENT
0-18 mph	22	20	24	24	29	22	24	25	24	20	24	26	284	78
19-24	2	2	2	1	1	3	3	2	2	3	2	2	25	7
25-31	2	2	2	1	*	4	2	2	3	1	2	1	22	6
32-38	2	2	1	2	0	1	2	1	1	2	1	1	16	4
39 & over	3	2	2	2	1	*	*	1	*	5	1	1	18	5

ARCTIC BAY, N.W.T.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL FREQ.	PERCENT
0-18 mph	27	22	25	24	29	25	26	21	26	25	27	28	305	84
19-24	4	5	4	6	2	4	4	9	3	4	3	3	51	14
25-31	*	1	2	*	*	1	1	1	1	1	0	0	8	2
32-38	0	0	0	0	0	0	*	0	0	1	0	0	1	*
39 & over	0	0	0	0	0	0	0	0	0	*	0	0	*	*

BAKER LAKE, N.W.T.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL FREQ.	PERCENT
0-18 mph	9	8	10	11	10	12	15	13	12	9	10	10	129	35
19-24	7	8	7	7	9	11	8	10	10	9	8	7	101	28
25-31	11	7	8	8	7	5	6	7	7	8	8	8	90	25
32-38	3	3	5	3	4	1	2	1	1	4	2	4	33	9
39 & over	1	2	1	1	1	1	0	0	0	1	2	2	12	3

CAMBRIDGE BAY, N.W.T.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL FREQ.	PERCENT
0-18 mph	17	19	19	14	16	13	15	15	13	10	17	21	189	51
19-24	7	7	9	11	8	10	9	8	10	10	7	6	102	28
25-31	4	2	2	5	5	6	5	7	6	7	5	3	57	16
32-38	2	*	1	*	2	1	1	1	1	3	1	1	14	4
39 & over	1	0	0	0	*	*	1	*	*	1	0	*	3	1

CHESTERFIELD, N.W.T.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL FREQ.	PERCENT
0-18 mph	15	13	16	17	12	17	18	14	12	8	12	13	167	46
19-24	7	7	9	7	10	7	8	10	10	8	9	10	102	28
25-31	6	6	3	5	6	4	3	5	6	8	6	6	64	18
32-38	2	2	2	1	1	2	2	1	1	5	2	2	23	6
39 & over	1	*	1	0	2	0	0	1	1	2	1	0	9	2

CLYDE, N.W.T.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL FREQ.	PERCENT
0-18 mph	25	22	27	26	24	25	25	29	24	14	22	28	291	80
19-24	4	3	3	2	4	3	4	2	4	8	4	2	43	12
25-31	1	1	1	1	2	1	1	0	2	6	3	1	20	5
32-38	1	2	0	1	1	1	1	0	0	3	1	0	11	3
39 & over	0	*	0	*	*	*	0	0	*	*	0	0	*	*

STATION AND
SPEED GROUPS

ANNUAL

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC FREQ. PERCENT

COPPERMINE, N.W.T.

0-18 mph	17	18	24	23	25	25	23	21	19	18	19	20	252	70
19-24	9	8	6	4	4	4	7	8	7	9	8	8	82	22
25-31	3	2	1	3	1	1	1	2	3	4	2	3	26	7
32-38	2	*	0	*	1	*	*	*	1	*	1	*	5	1
39 & over	0	0	0	0	0	0	0	0	0	0	0	*	*	*

CORAL HARBOUR (A), N.W.T.

0-18 mph	19	11	18	16	14	14	14	14	15	12	13	14	174	48
19-24	5	8	6	7	9	8	10	9	9	9	9	6	95	26
25-31	4	4	4	4	7	6	5	5	3	6	5	5	58	16
32-38	1	4	2	2	1	2	1	3	1	3	1	3	24	6
39 & over	2	1	1	1	0	*	1	0	2	1	2	3	14	4

ENNADAI LAKE, N.W.T.

0-18 mph	16	13	13	6	7	7	11	9	7	5	10	17	121	33
19-24	6	5	8	9	8	11	9	9	9	10	7	7	98	27
25-31	4	6	6	7	9	9	7	7	8	10	7	5	85	23
32-38	2	3	2	5	5	1	3	5	5	4	4	1	40	11
39 & over	3	1	2	3	2	2	1	1	1	2	2	1	21	6

EUREKA, N.W.T.

0-18 mph	21	23	26	25	25	20	18	25	22	25	26	29	285	78
19-24	5	3	4	4	5	7	10	4	5	3	2	1	53	15
25-31	4	1	1	1	1	3	3	1	2	2	2	1	22	6
32-38	*	0	*	0	0	*	*	*	1	1	0	0	2	*
39 & over	1	1	*	*	0	*	0	1	0	*	0	0	3	1

FORT GOOD HOPE, N.W.T.

0-18 mph	23	22	27	25	22	24	27	24	20	26	26	25	291	80
19-24	3	2	2	5	5	4	3	5	5	4	1	4	43	12
25-31	2	2	2	0	2	1	1	2	3	1	2	2	20	5
32-38	2	1	*	0	2	1	0	0	1	*	1	*	8	2
39 & over	1	1	0	0	0	0	0	0	1	0	0	0	3	1

FORT RELIANCE, N.W.T.

0-18 mph	25	26	29	28	28	28	29	28	25	26	26	29	327	89
19-24	4	1	1	2	3	1	2	2	3	4	3	2	28	8
25-31	1	1	1	*	*	1	*	0	2	1	1	*	8	2
32-38	1	0	0	*	0	0	0	1	*	*	0	0	2	1
39 & over	*	0	0	0	0	0	0	0	*	0	0	0	*	*

STATION AND SPEED GROUPS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL FREQ. PERCENT

FORT SIMPSON, N.W.T.

0-18 mph	29	27	30	28	29	28	29	29	27	30	28	29	343	94
19-24	2	1	1	2	2	2	2	2	2	1	2	2	21	6
25-31	0	*	0	0	0	0	0	0	1	0	0	*	1	*
32-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FORT SMITH (A), N.W.T.

0-18 mph	28	25	29	28	28	27	29	30	25	28	25	29	331	91
19-24	2	3	2	1	3	3	2	1	5	2	4	2	30	8
25-31	1	0	0	1	0	*	0	0	0	1	1	*	4	1
32-38	0	0	0	0	0	0	0	0	0	0	*	0	*	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HAY RIVER (A), N.W.T.

0-18 mph	29	26	30	29	29	30	31	30	25	27	28	30	344	94
19-24	2	2	1	1	2	*	0	1	4	3	1	1	18	5
25-31	0	*	0	*	0	*	0	0	1	1	1	0	3	1
32-38	0	0	0	0	0	0	0	0	*	0	0	*	*	*
39 & over	0	0	0	0	0	0	0	0	0	0	*	0	*	*

MOULD BAY, N.W.T.

0-18 mph	15	15	21	18	20	21	17	16	15	16	17	19	210	58
19-24	8	5	5	7	7	6	8	10	8	7	6	6	83	23
25-31	5	5	3	5	2	2	6	5	5	6	4	4	52	14
32-38	2	2	1	*	1	1	*	*	1	2	3	2	15	4
39 & over	1	1	1	0	1	0	0	*	1	*	*	*	5	1

NORMAN WELLS, N.W.T.

0-18 mph	26	23	29	25	27	28	30	29	25	27	26	26	321	88
19-24	3	3	2	5	4	2	1	2	4	3	3	2	34	9
25-31	2	1	*	0	*	*	0	*	1	1	1	2	8	2
32-38	*	1	*	0	0	0	0	0	*	0	0	1	2	1
39 & over	0	*	0	0	0	*	0	0	0	0	0	0	*	*

NOTTINGHAM ISLAND, N.W.T.

0-18 mph	19	13	20	18	20	18	20	16	18	8	11	17	198	55
19-24	4	8	8	7	9	8	8	9	8	9	9	7	94	26
25-31	5	6	3	4	2	4	2	5	2	7	4	5	49	13
32-38	2	1	*	1	0	*	1	1	2	4	3	1	16	4
39 & over	1	0	0	*	0	0	0	0	0	3	3	1	8	2

STATION AND SPEED GROUPS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
													FREQ.	PERCENT

RESOLUTE (A), N.W.T.

0-18 mph	13	17	16	15	16	15	22	17	15	16	18	19	199	55
19-24	5	5	5	5	7	5	5	5	8	8	6	7	71	19
25-31	5	3	4	6	5	6	2	4	5	3	3	3	49	13
32-38	5	2	4	2	2	3	1	3	2	2	1	1	28	8
39 & over	3	1	2	2	1	1	1	2	0	2	2	1	18	5

SACHS HARBOUR, N.W.T.

0-18 mph	15	22	16	14	16	15	13	13	11	8	20	20	183	50
19-24	7	3	9	10	7	10	13	13	10	11	4	8	105	29
25-31	6	2	6	5	6	4	5	4	7	10	4	3	62	17
32-38	1	1	0	1	1	1	0	*	1	1	2	*	9	2
39 & over	2	0	0	0	1	*	0	1	1	1	0	*	6	2

SNARE RIVER, N.W.T.

0-18 mph	31	28	30	28	28	29	29	29	29	27	30	30	348	96
19-24	0	0	1	2	2	1	2	2	1	3	*	1	15	4
25-31	0	0	0	*	0	0	*	0	*	1	0	0	1	*
32-38	0	0	0	0	1	0	0	0	0	0	0	0	1	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

YELLOWKNIFE (A), N.W.T.

0-18 mph	25	23	27	22	24	21	22	23	21	22	24	27	281	77
19-24	4	3	3	6	6	8	8	7	6	7	3	3	64	17
25-31	2	2	1	2	1	1	1	1	3	1	2	1	18	5
32-38	0	0	0	*	0	0	0	0	*	1	1	*	2	1
39 & over	*	0	0	0	0	0	0	0	0	0	*	0	*	*

BEAVERLODGE, ALTA.

0-18 mph	28	21	24	20	19	21	26	24	21	21	23	26	274	75
19-24	2	6	5	8	9	7	3	7	7	6	4	3	67	19
25-31	1	1	2	2	3	2	2	*	2	3	3	2	23	6
32-38	0	*	*	*	*	*	*	0	0	1	*	*	1	*
39 & over	*	0	0	0	0	0	0	0	0	*	0	0	*	*

BROCKS, ALTA.

0-18 mph	23	19	16	18	19	19	24	24	18	18	19	19	236	64
19-24	5	5	10	8	7	7	5	5	8	6	6	6	78	21
25-31	2	3	4	3	4	3	2	2	3	5	4	4	39	11
32-38	1	1	1	1	1	1	0	*	1	1	1	1	10	3
39 & over	*	0	0	*	*	*	0	0	0	1	*	1	2	1

STATION AND SPEED GROUPS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL
FREQ. PERCENT

CALGARY (A), ALTA.

0-18 mph	16	15	16	12	12	12	16	19	15	12	15	12	172	47
19-24	8	7	8	12	9	11	9	9	7	8	5	6	99	28
25-31	5	4	5	5	7	5	5	3	5	7	7	8	66	18
32-38	2	2	1	1	2	2	1	*	2	3	3	4	23	6
39 & over	*	*	1	*	1	0	0	0	1	1	*	1	5	1

COWLEY (A), ALTA.

0-18 mph	12	13	12	12	14	15	21	15	11	8	11	8	152	42
19-24	6	4	6	7	9	10	6	11	9	7	4	4	83	23
25-31	5	4	6	8	6	4	4	4	7	8	5	5	66	18
32-38	5	3	3	3	2	1	*	1	3	5	5	6	37	10
39 & over	3	4	4	*	*	*	*	0	*	3	5	8	27	7

EDMONTON (A), ALTA.

0-18 mph	28	24	24	23	16	19	24	25	21	21	24	26	275	75
19-24	2	3	5	5	10	9	5	5	6	6	5	3	64	18
25-31	1	1	2	2	4	2	2	1	3	4	1	1	24	6
32-38	*	0	*	*	1	*	*	*	*	*	0	1	2	1
39 & over	0	*	0	0	0	0	0	0	0	0	0	0	*	*

FAIRVIEW, ALTA.

0-18 mph	29	26	30	27	25	29	28	29	27	26	27	29	332	91
19-24	2	2	1	2	6	1	3	2	2	4	3	2	30	8
25-31	0	*	0	1	*	*	*	0	1	1	*	*	3	1
32-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GRANDE PRAIRIE (A), ALTA.

0-18 mph	25	18	22	19	17	18	20	18	17	17	20	20	231	63
19-24	4	6	4	7	7	6	6	8	7	6	3	5	69	19
25-31	2	3	4	3	4	5	3	4	3	4	4	4	43	12
32-38	*	1	1	1	3	1	2	1	3	2	3	2	20	5
39 & over	*	*	*	0	*	*	*	0	*	2	*	0	2	1

KANANASKIS, ALTA.

0-18 mph	23	21	26	27	31	28	29	29	27	22	22	17	362	83
19-24	7	5	4	2	*	1	2	2	2	6	5	7	43	12
25-31	1	2	1	1	0	1	*	0	1	2	3	6	18	5
32-38	0	0	0	0	0	0	0	0	0	1	*	1	2	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	*	*	*

STATION AND
SPEED GROUPS

ANNUAL
FREQ. PERCENT

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

ISLAND FALLS, SASK.

0-18 mph	23	18	17	12	10	11	13	12	12	14	17	24	183	50
19-24	5	7	9	8	9	11	10	11	8	9	7	4	98	27
25-31	2	3	5	8	10	7	7	7	8	7	5	3	72	20
32-38	1	*	0	1	1	1	1	1	1	*	1	*	8	2
39 & over	*	0	0	1	1	*	*	0	1	1	0	0	4	1

NORTH BATTLEFORD (A), SASK.

0-18 mph	21	17	18	16	12	17	19	19	17	16	18	18	208	57
19-24	7	7	8	8	11	9	10	8	6	10	8	7	99	27
25-31	3	4	4	4	5	3	2	3	6	4	3	4	45	12
32-38	*	*	1	2	2	1	0	1	1	1	1	1	11	3
39 & over	*	*	0	0	1	0	0	0	0	0	0	1	2	1

PRINCE ALBERT (A), SASK.

0-18 mph	26	21	21	20	16	20	23	23	18	22	22	25	257	71
19-24	4	5	8	6	9	7	6	6	8	5	5	4	73	20
25-31	1	2	2	3	4	3	2	2	4	3	3	1	30	8
32-38	*	0	*	1	2	0	0	*	*	1	*	1	5	1
39 & over	0	0	0	*	*	0	0	0	0	0	0	0	*	*

REGINA (A), SASK.

0-18 mph	16	9	12	12	11	15	14	14	10	12	12	9	146	40
19-24	8	10	10	10	8	10	10	10	9	10	9	11	115	32
25-31	4	7	6	6	7	4	6	6	7	7	6	8	74	20
32-38	1	1	2	2	3	1	1	1	3	2	3	2	22	6
39 & over	2	1	1	*	2	0	*	0	1	0	*	1	8	2

SASKATOON (A), SASK.

0-18 mph	23	17	21	17	14	16	18	19	15	18	18	20	216	59
19-24	5	7	8	8	8	8	9	6	8	8	8	7	90	25
25-31	2	4	1	3	6	5	3	5	5	3	2	2	41	11
32-38	1	*	1	1	2	1	1	1	2	1	1	1	13	4
39 & over	0	0	0	1	1	0	0	0	0	1	1	1	5	1

SCOTT, SASK.

0-18 mph	23	21	22	21	18	23	24	24	18	21	24	21	260	71
19-24	6	4	5	6	8	5	5	6	9	7	4	5	70	19
25-31	2	2	2	3	3	2	2	1	2	2	2	3	26	7
32-38	0	0	1	*	1	0	0	*	1	1	*	1	5	2
39 & over	*	1	1	0	1	0	0	*	0	0	0	1	4	1

STATION AND SPEED GROUPS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL FREQ. PERCENT

SWIFT CURRENT (A), SASK.

0-18 mph	9	7	8	9	11	12	16	17	9	8	8	7	121	33
19-24	11	9	12	12	8	10	9	8	10	14	10	9	122	33
25-31	8	10	7	5	8	6	5	5	6	6	8	9	83	23
32-38	2	2	3	3	3	2	1	1	4	3	4	4	32	9
39 & over	1	0	1	1	1	*	0	0	1	*	*	2	7	2

YORKTON (A), SASK.

0-18 mph	22	16	20	16	14	15	19	20	15	17	16	17	207	57
19-24	5	9	8	8	9	11	8	7	10	10	6	9	100	27
25-31	3	2	2	3	3	3	3	4	5	3	5	3	39	11
32-38	1	1	1	2	4	1	1	*	*	1	3	1	16	4
39 & over	0	*	0	1	1	0	0	0	0	*	*	1	3	1

BRANDON (A), MAN.

0-18 mph	20	16	17	14	12	16	20	20	16	18	14	16	199	55
19-24	7	7	8	9	8	10	9	5	10	7	8	8	96	26
25-31	3	4	5	5	7	4	1	5	4	5	6	6	55	15
32-38	1	1	1	1	4	*	1	1	*	1	2	1	14	4
39 & over	*	0	*	1	*	0	0	0	0	0	*	*	1	*

BROCHET, MAN.

0-18 mph	28	26	28	23	25	24	27	26	21	23	24	29	304	83
19-24	2	2	2	6	5	6	4	5	7	7	5	2	53	15
25-31	1	0	1	1	1	*	0	*	1	1	1	*	7	2
32-38	0	0	0	0	0	0	0	0	1	*	0	0	1	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CHURCHILL (A), MAN.

0-18 mph	13	8	12	9	8	13	13	11	6	6	6	9	114	31
19-24	9	10	11	12	12	9	10	10	9	8	8	11	119	33
25-31	5	8	6	5	7	6	6	7	9	10	10	8	87	24
32-38	3	1	1	4	2	2	1	3	4	5	4	3	33	9
39 & over	1	1	1	*	2	0	1	*	2	2	2	*	12	3

DAUPHIN (A), MAN.

0-18 mph	18	14	20	15	12	17	21	22	17	16	14	16	202	55
19-24	7	9	8	10	9	9	7	7	7	8	8	8	97	27
25-31	5	4	2	4	8	4	3	1	5	6	6	6	54	15
32-38	1	1	1	1	2	0	*	1	1	1	1	1	11	3
39 & over	0	0	0	*	0	0	0	0	0	*	1	0	1	*

STATION AND SPEED GROUPS ANNUAL
 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC FREQ. PERCENT

THE PAS (A), MAN.

0-18 mph	27	20	24	19	23	21	22	18	20	18	24	256	70
19-24	3	6	7	7	5	8	8	9	8	8	5	80	22
25-31	1	1	1	3	2	2	1	2	3	3	2	24	7
32-38	*	1	0	1	*	*	0	0	*	1	0	3	1
39 & over	0	0	0	*	1	0	0	1	*	0	0	2	*

WINNIPEG (A), MAN.

0-18	15	12	16	11	12	20	17	13	11	10	14	162	45
19-24	9	9	10	11	11	7	8	9	11	9	7	110	30
25-31	5	6	4	7	6	3	5	7	7	8	5	71	19
32-38	1	1	1	1	1	1	1	1	2	3	5	19	5
39 & over	1	*	0	*	0	0	0	*	0	0	*	3	1

AGINCOURT, ONT.

0-18 mph	23	21	19	22	26	28	30	26	23	17	21	275	76
19-24	7	5	7	7	4	2	1	4	5	8	8	66	18
25-31	1	2	5	2	*	1	*	0	3	4	2	23	6
32-38	0	0	*	0	0	0	0	0	*	1	*	1	*
39 & over	0	0	*	0	0	0	0	0	0	*	0	*	*

ARMSTRONG (A), ONT.

0-18 mph	28	25	29	21	22	27	24	25	24	22	28	295	81
19-24	2	3	2	7	6	3	6	5	5	6	2	56	15
25-31	1	*	0	2	2	1	1	*	2	2	1	14	4
32-38	0	0	0	0	0	0	0	0	0	0	0	*	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0

CARIBOU ISLAND, ONT.

0-18 mph	4	4	4	4	4	7	8	4	3	2	2	2	48
19-24	6	6	6	6	5	7	9	7	5	3	3	3	31
25-31	8	8	8	8	12	12	10	12	12	7	7	63	17
32-38	9	9	9	9	7	4	2	5	8	7	7	12	3
39 & over	4	4	4	4	2	1	2	2	3	11	11	3	1

CENTRALIA (A), ONT.

0-18 mph	13	12	14	10	18	23	21	17	17	9	9	175	48
19-24	10	10	7	10	10	7	8	10	10	8	11	112	31
25-31	7	5	16	8	2	1	2	3	3	9	9	63	17
32-38	1	1	3	2	*	*	0	*	1	2	2	12	3
39 & over	*	0	1	*	*	*	0	0	0	2	0	3	1

STATION AND SPEED GROUPS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL FREQ. PERCENT

ST. CATHARINES, ONT.

0-18 mph	27	22	24	27	26	29	31	30	29	29	23	24	321	88
19-24	4	4	7	2	5	1	0	1	1	2	6	6	39	11
25-31	*	2	0	1	0	0	0	0	0	0	1	1	5	1
32-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SOUTH BAY MOUTH, ONT.

0-18 mph	25	24	26	25	28	26	30	30	27	27	20	22	310	85
19-24	5	4	4	4	3	3	1	1	3	3	5	7	43	12
25-31	1	*	1	1	0	1	0	0	*	1	4	2	11	3
32-38	*	*	*	*	0	0	0	0	0	0	1	0	1	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

STIRLING, ONT.

0-18 mph	29	24	24	24	25	29	30	30	29	28	23	25	320	87
19-24	2	4	4	5	5	1	1	1	1	3	6	6	39	11
25-31	*	*	3	1	1	*	0	*	0	0	1	*	6	2
32-38	0	0	0	0	*	0	0	0	0	0	*	0	*	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SUDBURY (A), ONT.

0-18 mph	16	12	17	14	9	11	16	20	16	15	12	13	171	46
19-24	7	12	8	10	10	10	10	8	10	10	9	11	115	32
25-31	6	3	4	5	9	8	5	3	4	5	5	5	62	17
32-38	2	1	1	1	2	1	*	0	*	1	3	1	13	4
39 & over	0	0	1	0	1	*	0	0	0	*	1	1	4	1

TORONTO, ONT.

0-18 mph	13	15	17	16	20	25	28	27	25	23	14	12	235	65
19-24	11	8	8	11	10	4	3	3	4	5	7	13	87	24
25-31	7	4	5	2	1	1	*	1	1	3	7	6	38	10
32-38	*	1	1	1	*	*	0	*	0	0	2	*	5	1
39 & over	0	0	*	*	0	0	0	0	0	0	*	0	*	*

TORONTO (MALTON) (A), ONT.

0-18 mph	19	18	17	16	18	20	23	23	22	21	12	17	226	62
19-24	8	7	6	9	8	7	6	6	5	7	10	9	88	24
25-31	4	2	5	5	4	2	1	2	3	3	5	5	41	11
32-38	*	1	2	*	1	1	1	0	0	*	2	0	8	2
39 & over	0	*	1	*	0	*	0	0	0	0	1	0	2	1

STATION AND SPEED GROUPS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL FREQ. PERCENT

TROUT LAKE, ONT.

0-18 mph	26	17	26	20	23	24	25	24	20	21	20	21	267	73
19-24	5	11	4	8	7	5	5	6	8	8	9	9	85	23
25-31	*	*	1	2	1	1	1	1	2	2	1	1	13	4
32-38	0	0	0	*	*	0	0	0	0	*	*	0	*	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

WHITE RIVER, ONT.

0-18 mph	31	28	31	30	31	30	31	31	30	31	30	31	365	100
19-24	0	0	0	*	*	*	0	0	0	0	0	*	*	*
25-31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ARVIDA, QUE.

0-18 mph	26	23	25	24	22	24	28	30	26	24	22	24	298	81
19-24	4	4	5	6	9	5	3	1	3	6	8	7	61	17
25-31	1	1	1	*	*	1	0	0	1	1	*	*	6	2
32-38	0	0	0	0	*	*	0	0	0	0	0	0	*	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CACHEE LAKE, QUE.

0-18 mph	30	27	29	28	30	29	30	31	30	28	27	31	350	96
19-24	1	1	2	2	1	1	1	*	*	3	2	*	14	4
25-31	0	0	*	0	*	0	*	0	*	*	1	0	1	*
32-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

DUCHESNAY, QUE.

0-18 mph	30	26	28	29	29	29	30	31	29	29	28	30	348	95
19-24	*	1	2	1	2	1	1	0	1	2	1	1	13	4
25-31	1	1	1	0	*	0	0	0	0	*	1	0	4	1
32-38	0	*	*	0	0	0	0	0	0	0	0	0	*	*
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HARRINGTON HARBOUR, QUE.

0-18 mph	7	8	10	15	17	19	23	21	16	15	11	9	171	47
19-24	8	8	8	8	9	7	6	7	8	9	9	9	96	26
25-31	9	5	5	3	4	3	2	2	5	5	5	8	56	15
32-38	5	4	6	3	1	1	*	*	1	2	3	3	29	8
39 & over	2	3	2	1	0	0	0	1	*	*	2	2	13	4

STATION AND SPEED GROUPS													ANNUAL	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FREQ.	PERCENT

KNOB LAKE (A), QUE.

0-18 mph	24	18	21	21	21	22	21	20	17	17	18	17	237	65
19-24	4	8	6	7	6	6	8	9	8	9	6	6	83	23
25-31	3	2	3	2	4	2	2	2	4	4	5	6	39	11
32-38	*	0	1	*	*	0	*	*	1	1	1	1	5	1
39 & over	0	*	*	0	0	0	0	0	0	0	*	1	1	*

LAKE EON, QUE.

0-18 mph	20	16	21	20	20	24	25	24	17	21	18	18	244	67
19-24	5	3	7	5	6	3	4	5	7	4	5	4	58	16
25-31	4	7	2	3	2	2	1	1	3	2	4	5	36	10
32-38	1	2	1	1	1	*	1	0	2	3	2	2	16	4
39 & over	1	*	*	1	2	1	0	1	1	1	1	2	11	3

MANIWAKI, QUE.

0-18 mph	30	27	28	29	28	27	31	30	29	29	26	30	344	95
19-24	1	1	3	1	3	3	*	1	1	2	3	1	20	5
25-31	0	*	0	0	0	0	0	0	0	0	1	*	1	*
32-38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MEGANTIC (A), QUE.

0-18 mph	16	12	19	15	13	19	19	21	17	19	14	14	198	54
19-24	10	7	7	10	11	8	10	8	9	7	9	9	105	29
25-31	4	7	4	4	6	3	2	2	3	4	4	5	48	13
32-38	1	2	*	1	1	*	*	0	1	1	2	2	11	3
39 & over	0	*	1	0	0	0	0	0	0	0	1	1	3	1

MONTREAL (DORVAL) (A), QUE.

0-18 mph	18	17	17	15	17	21	23	22	19	18	14	17	218	60
19-24	8	9	8	10	9	8	6	7	9	9	9	9	101	28
25-31	4	1	4	4	4	1	2	2	2	3	5	4	36	10
32-38	1	1	1	1	1	*	0	0	0	1	2	1	9	2
39 & over	0	*	1	*	0	*	0	0	0	0	0	0	1	*

PORT HARRISON, QUE.

0-18 mph	15	10	17	9	11	14	14	12	12	12	8	16	150	42
19-24	8	8	6	8	11	10	10	12	11	10	11	6	111	30
25-31	6	7	4	9	7	5	6	7	4	5	7	4	71	19
32-38	1	3	3	3	1	1	1	*	2	2	3	3	23	6
39 & over	1	*	1	1	1	0	0	0	1	2	1	2	10	3

STATION AND SPEED GROUPS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL
 FREQ. PERCENT

ST. HUBERT (A), QUE.

0-18 mph	21	20	20	17	19	20	24	21	18	20	15	18	233	64
19-24	7	5	7	8	8	8	5	8	8	8	8	8	88	24
25-31	2	3	4	3	4	1	2	2	3	2	5	4	35	10
32-38	1	0	*	2	0	1	0	0	1	1	2	1	9	2
39 & over	0	*	*	0	*	0	0	0	0	0	0	0	*	*

SHERBROOKE, QUE.

0-18 mph	24	20	23	20	24	26	28	29	26	25	22	27	294	81
19-24	5	6	5	7	4	3	3	2	4	4	7	3	53	14
25-31	1	1	2	3	3	1	0	0	*	2	1	1	15	4
32-38	1	1	1	*	0	0	0	0	0	0	0	0	3	1
39 & over	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CAMPBELLTON, N.B.

0-18 mph	23	19	22	23	23	26	26	26	23	24	20	19	274	75
19-24	6	7	6	4	6	3	4	4	5	5	6	7	63	17
25-31	2	2	2	2	2	1	1	1	2	2	3	4	24	7
32-38	*	*	1	1	*	*	0	0	*	*	1	1	4	1
39 & over	*	*	0	0	0	0	0	0	0	0	0	0	*	*

CHATHAM (A), N.B.

0-18 mph	20	19	21	18	19	19	23	23	20	21	19	21	243	67
19-24	8	6	5	7	9	8	7	7	9	8	8	7	89	24
25-31	3	2	4	5	3	2	1	1	1	2	2	2	28	8
32-38	*	1	1	*	*	1	0	0	*	0	1	1	5	1
39 & over	0	*	*	0	0	0	0	0	0	0	0	*	*	*

MONCTON (A), N.B.

0-18 mph	11	9	10	9	9	12	20	18	16	15	13	13	155	42
19-24	9	10	9	10	13	12	8	10	10	9	11	8	119	33
25-31	9	7	9	9	9	5	3	3	3	7	4	7	75	20
32-38	2	1	3	2	*	1	*	0	1	0	2	2	14	4
39 & over	*	1	*	*	0	0	0	0	*	0	0	1	2	1

SAINT JOHN (A), N.B.

0-18 mph	18	16	18	15	17	20	24	24	21	20	16	18	227	62
19-24	8	9	9	10	10	7	6	6	5	8	8	7	93	25
25-31	4	3	3	4	4	3	1	1	4	2	4	4	37	11
32-38	1	*	1	1	*	0	0	0	*	1	1	2	7	2
39 & over	*	0	*	0	0	0	0	0	0	0	1	0	1	*

STATION AND SPEED GROUPS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANNUAL FREQ. PERCENT

DEBERT (A), N.S.

0-18 mph	17	15	13	18	15	19	24	23	20	21	18	21	224	61
19-24	8	8	11	7	12	9	6	7	9	8	8	7	100	27
25-31	4	3	5	4	4	2	1	1	1	2	4	2	33	9
32-38	1	1	2	1	0	*	0	0	*	0	0	1	6	2
39 & over	1	1	*	0	0	0	0	0	*	0	*	0	2	1

ECUM SECUM, N.S.

0-18 mph	14	15	15	14	19	25	28	28	21	22	15	17	233	64
19-24	9	8	10	10	10	5	2	3	7	8	10	7	89	25
25-31	6	3	4	5	2	0	0	*	1	1	4	5	31	8
32-38	2	1	2	*	*	0	1	0	1	*	1	1	9	2
39 & over	*	1	0	1	0	0	0	0	*	*	*	1	3	1

HALIFAX (DARTMOUTH) (A), N.S.

0-18 mph	12	13	12	16	18	22	25	25	21	18	12	13	207	56
19-24	7	6	9	7	8	7	5	5	5	8	7	10	84	23
25-31	5	6	6	5	4	1	1	1	3	5	8	5	50	14
32-38	4	2	4	2	1	0	0	*	*	*	2	2	17	5
39 & over	3	1	*	*	0	0	0	0	1	0	1	1	7	2

SYDNEY, (A), N.S.

0-18 mph	7	6	7	8	10	12	14	14	9	13	11	8	119	33
19-24	8	8	9	9	9	9	11	10	10	7	7	7	104	28
25-31	7	7	8	7	9	7	5	7	7	7	7	7	85	23
32-38	6	4	4	5	3	1	1	*	3	2	3	8	40	11
39 & over	3	3	3	1	*	1	*	0	1	2	2	1	17	5

CHARLOTTETOWN, P.E.I.

0-18 mph	13	12	15	14	14	22	25	23	19	21	9	11	198	54
19-24	6	8	8	11	12	6	5	6	8	7	10	11	98	27
25-31	8	5	6	5	5	2	1	2	2	3	9	6	54	15
32-38	4	2	2	*	0	*	0	0	1	*	2	3	14	4
39 & over	*	1	*	0	0	0	0	0	0	0	*	*	1	*

SUMMERSIDE (A), P.E.I.

0-18 mph	11	11	12	11	19	14	18	19	13	13	10	9	160	43
19-24	8	5	8	11	9	10	11	9	11	10	9	12	113	31
25-31	7	8	6	5	2	5	2	3	4	7	8	7	64	18
32-38	4	3	4	3	1	1	0	0	1	1	2	2	22	6
39 & over	1	1	1	0	0	0	0	0	1	0	1	1	6	2

STATION AND SPEED GROUPS JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV OCT ANNUAL FREQ. PERCENT

GANDER (A), NFLD.

0-18 mph	11	9	12	11	14	14	19	17	12	11	8	9	147	41
19-24	6	7	8	9	8	11	8	8	9	10	7	7	98	27
25-31	8	6	7	6	7	4	3	5	6	7	9	10	78	21
32-38	4	5	3	3	1	1	1	1	2	2	5	3	31	8
39 & over	2	1	1	1	1	0	0	0	1	1	1	2	11	3

GOOSE (A), NFLD.

0-18 mph	19	19	19	19	24	26	24	21	17	22	20	20	250	69
19-24	9	5	7	7	4	3	6	8	8	6	8	6	77	21
25-31	3	3	4	4	3	1	1	2	3	3	1	4	32	9
32-38	0	1	1	*	*	0	0	*	1	*	1	1	5	1
39 & over	0	0	0	0	0	0	0	0	1	0	0	0	1	*

ST. ANDREWS, NFLD.

0-18 mph	13	10	16	19	19	23	25	23	18	21	10	11	208	56
19-24	7	10	8	5	7	3	3	6	7	5	7	11	79	22
25-31	6	5	3	3	3	3	2	2	3	3	7	4	44	12
32-38	2	1	1	1	1	1	1	*	1	1	4	3	17	5
39 & over	3	2	3	2	1	*	0	0	1	1	2	2	17	5

ST. JOHN'S (TORBAY) (A), NFLD.

0-18 mph	6	4	8	7	8	11	14	11	9	8	4	6	96	26
19-24	8	7	6	8	8	11	10	13	8	8	8	4	99	27
25-31	7	8	9	10	11	6	7	6	9	10	8	10	101	28
32-38	4	5	4	3	3	2	*	0	2	3	5	4	35	10
39 & over	6	4	4	2	1	*	0	1	2	2	5	7	34	9

TWILLINGATE, NFLD.

0-18 mph	6	7	9	14	14	14	17	13	7	8	6	3	118	32
19-24	7	7	9	8	9	9	8	10	11	8	4	7	97	27
25-31	7	7	7	6	6	7	5	6	7	9	9	9	85	23
32-38	7	5	4	2	2	*	1	1	2	4	7	6	41	11
39 & over	4	2	2	*	0	0	*	1	3	2	4	6	24	7

(1) Based on autographic Hourly Wind Data over the Period 1955-58.

(2) * Less than 0.5 days or 0.5 percent.