

Table 13 Corrected Number of Precipitation Days for 2040-2049 (Continued)

Table 31. King Smoke Tree = 15752

Total Precipitation (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	19.1	15.5	13.6	12.7	10.4	10.8	14.6	12.9	10.2	11.2	15.4	18.3	164.8
≥ 5 mm	4.7	4.9	4.6	5.0	4.5	4.2	7.1	6.1	4.2	3.6	4.7	5.7	59.2
≥ 10 mm	1.8	2.4	1.9	2.5	3.0	3.6	4.3	4.6	3.0	1.9	2.7	2.8	34.5
≥ 25 mm	0.1	0.5	0.3	0.4	0.7	1.6	2.0	2.6	0.7	0.3	1.0	0.9	11.2
≥ 50 mm	0.0	0.0	0.1	0.1	0.2	0.7	0.5	0.6	0.0	0.0	0.5	0.1	2.9
≥ 100 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 150 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 250 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Snowfall (cm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	11.8	8.1	4.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.4	34.8
≥ 5 mm	1.8	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	6.2
≥ 10 mm	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.9
≥ 25 mm	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Rainfall (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	9.4	10.6	11.1	12.4	10.4	10.8	14.6	12.9	10.2	11.2	15.3	12.6	141.6
≥ 5 mm	2.8	3.6	3.7	4.7	4.5	4.2	7.1	6.1	4.2	3.6	4.7	3.2	52.4
≥ 10 mm	1.3	1.6	1.5	2.4	3.0	3.6	4.3	4.6	3.0	1.9	2.7	1.8	31.6
≥ 25 mm	0.1	0.3	0.3	0.4	0.7	1.6	2.0	2.6	0.7	0.3	1.0	0.9	11.0

Table 32. Orangeville MOE = 14073

Total Precipitation (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	21.9	18.0	15.8	13.9	10.6	10.2	12.7	12.3	12.4	12.1	16.7	19.5	176.1
≥ 5 mm	5.6	5.4	5.3	5.8	4.4	3.8	5.8	5.3	4.4	4.2	5.3	4.3	59.6
≥ 10 mm	2.2	3.0	2.1	3.1	2.7	2.6	3.8	3.4	2.8	1.9	3.0	1.5	32.2
≥ 25 mm	0.1	0.4	0.5	0.6	0.6	0.8	1.5	1.7	1.1	0.5	1.1	0.5	9.7
≥ 50 mm	0.1	0.0	0.1	0.1	0.4	0.1	0.4	0.7	0.5	0.1	0.4	0.1	3.2
≥ 100 mm	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3
≥ 150 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 250 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Snowfall (cm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	16.1	11.8	6.4	1.9	0.0	0.0	0.0	0.0	0.0	0.1	2.4	12.7	51.4
≥ 5 mm	3.2	2.3	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.7	9.3
≥ 10 mm	0.7	1.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.1
≥ 25 mm	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Rainfall (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	8.7	9.2	11.5	12.7	10.6	10.2	12.7	12.3	12.4	12.1	16.0	11.4	140.0
≥ 5 mm	2.6	2.8	4.2	5.0	4.4	3.8	5.8	5.3	4.4	4.2	5.0	2.2	49.7
≥ 10 mm	1.3	1.6	1.7	2.7	2.7	2.6	3.8	3.4	2.8	1.9	2.9	1.0	28.3
≥ 25 mm	0.1	0.2	0.3	0.6	0.6	0.8	1.5	1.7	1.1	0.5	1.1	0.5	9.3

Table 33. Georgetown WWTP = 29942

Total Precipitation (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	17.6	15.8	12.2	12.0	9.0	9.3	12.3	10.8	10.0	9.6	13.3	15.1	147.0
≥ 5 mm	3.6	3.6	3.5	4.2	3.6	3.3	5.2	4.5	3.1	2.2	4.0	3.1	44.2
≥ 10 mm	1.3	1.5	1.6	2.0	2.1	2.1	3.5	3.3	2.0	1.0	2.2	1.2	23.6
≥ 25 mm	0.1	0.2	0.3	0.2	0.5	0.8	1.7	1.5	0.5	0.4	0.6	0.2	7.2
≥ 50 mm	0.0	0.0	0.1	0.0	0.1	0.2	0.4	0.5	0.2	0.0	0.3	0.0	1.9
≥ 100 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 150 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 250 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Snowfall (cm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	9.1	7.1	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	5.2	26.0
≥ 5 mm	1.0	1.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.7
≥ 10 mm	0.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7
≥ 25 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rainfall (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	9.8	11.3	10.2	11.9	9.0	9.3	12.3	10.8	10.0	9.6	13.0	12.3	129.6
≥ 5 mm	2.7	2.5	3.1	3.9	3.6	3.3	5.2	4.5	3.1	2.2	4.0	1.8	40.1
≥ 10 mm	1.1	0.9	1.5	1.8	2.1	2.1	3.5	3.3	2.0	1.0	2.1	1.1	22.4
≥ 25 mm	0.1	0.0	0.2	0.1	0.5	0.8	1.7	1.5	0.5	0.4	0.6	0.2	6.8

Table 34. Oakville Southeast WPCP = 27562

Total Precipitation (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	15.7	14.2	11.7	12.0	10.5	11.1	13.6	9.9	9.7	8.3	12.0	12.5	141.2
≥ 5 mm	3.8	3.2	3.0	3.7	3.3	2.9	5.8	4.6	3.8	2.0	3.0	2.4	41.6
≥ 10 mm	1.1	1.3	1.7	1.9	1.8	2.1	3.4	2.8	2.7	1.1	2.1	1.4	23.3
≥ 25 mm	0.1	0.4	0.2	0.1	0.9	0.9	1.2	1.3	0.6	0.2	0.7	0.2	6.9
≥ 50 mm	0.0	0.1	0.0	0.0	0.2	0.3	0.3	0.1	0.1	0.0	0.0	0.0	1.2
≥ 100 mm	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
≥ 150 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 200 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
≥ 250 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Snowfall (cm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	4.0	3.5	1.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	11.1
≥ 5 mm	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5
≥ 10 mm	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
≥ 25 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rainfall (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
≥ 0.2 mm	13.4	11.8	10.5	11.9	10.5	11.1	13.6	9.9	9.7	8.3	12.0	11.4	134.1
≥ 5 mm	3.1	2.9	3.0	3.7	3.3	2.9	5.8	4.6	3.8	2.0	3.0	2.4	40.5
≥ 10 mm	1.0	1.2	1.7	1.9	1.8	2.1	3.4	2.8	2.7	1.1	2.1	1.5	23.2
≥ 25 mm	0.1	0.4	0.1	0.1	0.9	0.9	1.2	1.3	0.6	0.2	0.7	0.2	6.7

Table 13 Corrected Number of Precipitation Days for 2040-2049 (Continued)

Table 35. Burlington Piers = 8114

Total Precipitation (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
>= 0.2 mm	16.1	14.6	10.9	11.9	10.8	10.1	13.4	9.3	9.1	8.0	12.8	11.9	139.0
>= 5 mm	3.1	2.9	3.1	3.2	2.8	3.3	4.9	2.9	3.5	1.9	3.2	1.9	36.8
>= 10 mm	0.9	1.3	1.3	1.7	1.8	2.1	3.3	1.5	2.2	1.0	1.4	0.9	19.3
>= 25 mm	0.1	0.4	0.3	0.1	0.6	0.9	1.1	0.7	0.4	0.2	0.6	0.0	5.6
>= 50 mm	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.2	0.1	0.0	0.0	0.9
>= 100 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
>= 150 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
>= 200 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
>= 250 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Snowfall (cm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
>= 0.2 mm	4.1	2.9	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	9.7
>= 5 mm	0.2	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9
>= 10 mm	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
>= 25 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rainfall (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
>= 0.2 mm	13.7	12.9	9.9	11.7	10.8	10.1	13.4	9.3	9.1	8.0	12.8	11.8	133.5
>= 5 mm	2.8	2.8	2.8	3.2	2.8	3.3	4.9	2.9	3.5	1.9	3.2	1.7	35.8
>= 10 mm	0.7	1.2	1.3	1.7	1.8	2.1	3.3	1.5	2.2	1.0	1.4	0.9	19.1
>= 25 mm	0.1	0.4	0.2	0.1	0.6	0.9	1.1	0.7	0.4	0.2	0.6	0.0	5.5

Table 36. Millgrove = 8402

Total Precipitation (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
>= 0.2 mm	19.3	16.3	13.1	13.8	10.4	9.2	11.7	9.9	9.6	10.2	15.1	15.3	153.9
>= 5 mm	4.4	3.6	3.7	3.9	3.6	3.3	5.1	3.3	3.5	2.8	4.4	2.9	44.7
>= 10 mm	1.3	1.8	2.0	2.1	2.1	2.1	2.9	1.9	2.4	1.3	2.4	0.9	23.1
>= 25 mm	0.2	0.5	0.7	0.3	0.6	1.2	1.2	0.7	0.6	0.5	0.5	0.0	7.3
>= 50 mm	0.0	0.1	0.0	0.0	0.1	0.4	0.5	0.1	0.3	0.2	0.1	0.0	1.9
>= 100 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
>= 150 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
>= 200 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
>= 250 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Snowfall (cm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
>= 0.2 mm	8.2	5.8	2.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.4	22.8
>= 5 mm	1.0	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.6
>= 10 mm	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7
>= 25 mm	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rainfall (mm)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
>= 0.2 mm	13.4	13.0	11.7	13.3	10.4	9.2	11.7	9.9	9.6	10.2	15.1	13.3	140.6
>= 5 mm	3.3	3.0	3.5	3.9	3.6	3.3	5.1	3.3	3.5	2.8	4.4	2.5	42.4
>= 10 mm	1.0	1.5	1.9	1.9	2.1	2.1	2.9	1.9	2.4	1.3	2.4	0.6	21.9
>= 25 mm	0.2	0.3	0.5	0.3	0.6	1.2	1.2	0.7	0.6	0.5	0.5	0.0	6.8

Table 14 Wind Summary for 2000-2009

<i>Table 1. Toronto Pearson = 10385</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.6	15.4	14.6	15.6	14.2	13.3	13.0	12.6	12.9	14.3	14.4	16.1	14.3
Maximum Hourly Speed	49.9	48.2	49.7	52.0	46.8	46.2	41.3	47.1	44.1	52.7	53.8	56.7	56.7
Maximum Gust Speed	83.4	90.3	98.6	86.2	85.3	78.0	63.4	65.3	84.5	85.2	86.5	112.4	112.4
Days with Winds >= 52 km/h	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.8
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
<i>Table 2. Hamilton = 5989</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	20.3	19.5	18.1	18.8	16.8	15.5	14.8	14.1	15.5	17.9	18.6	20.5	17.5
Maximum Hourly Speed	62.7	57.6	65.3	57.8	53.4	45.5	50.8	53.6	52.2	53.9	71.3	71.8	71.8
Maximum Gust Speed	90.9	97.5	94.6	91.0	81.6	70.7	71.1	76.7	89.0	91.3	103.3	104.1	104.1
Days with Winds >= 52 km/h	0.1	0.3	0.3	0.5	0.2	0.0	0.0	0.1	0.1	0.1	0.3	0.8	2.8
Days with Winds >= 63 km/h	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5
<i>Table 3. Toronto North York = 11888</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.1	16.1	15.4	16.2	14.6	13.3	12.9	12.6	13.2	14.7	15.0	16.7	14.7
Maximum Hourly Speed	51.7	48.3	52.1	54.7	45.8	58.3	45.4	43.4	50.5	51.7	55.9	57.6	58.3
Maximum Gust Speed	81.2	85.8	86.8	86.1	85.4	73.3	64.3	65.2	94.4	88.8	85.3	113.7	113.7
Days with Winds >= 52 km/h	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.9
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 4. Toronto Island = 9505</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	18.6	17.8	15.8	16.3	14.6	13.5	13.6	13.1	14.4	16.6	17.1	19.9	15.9
Maximum Hourly Speed	58.6	53.8	57.6	60.5	47.5	55.5	53.7	52.5	55.2	56.0	65.3	66.0	66.0
Maximum Gust Speed	85.0	86.3	86.1	86.8	85.4	75.6	71.2	70.6	95.6	91.3	94.6	111.0	111.0
Days with Winds >= 52 km/h	0.1	0.3	0.5	0.5	0.0	0.1	0.2	0.1	0.1	0.2	0.4	0.9	3.4
Days with Winds >= 63 km/h	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
<i>Table 5. Hwy 427-401 = 10242</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.1	14.9	14.2	15.2	13.9	12.9	12.7	12.3	12.7	13.9	14.0	15.7	14.0
Maximum Hourly Speed	48.6	44.5	48.6	48.8	43.6	47.6	40.9	45.8	44.2	48.9	52.2	54.5	54.5
Maximum Gust Speed	81.8	90.0	92.6	83.8	84.2	78.8	63.0	65.5	87.9	89.3	82.8	114.7	114.7
Days with Winds >= 52 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
<i>Table 6. Beaches-East York = 10863</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	20.3	19.4	17.2	17.3	15.5	14.3	14.4	14.2	15.6	18.3	18.9	22.0	17.3
Maximum Hourly Speed	63.4	60.4	62.0	60.0	45.8	53.1	54.5	52.2	60.7	55.2	71.2	71.4	71.4
Maximum Gust Speed	92.0	89.9	92.3	85.1	84.5	70.2	72.9	69.6	82.3	93.3	103.2	117.2	117.2
Days with Winds >= 52 km/h	0.3	0.3	0.6	0.5	0.0	0.1	0.1	0.1	0.3	0.4	0.6	1.1	4.4
Days with Winds >= 63 km/h	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6
<i>Table 7. York South-Weston = 10847</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.8	15.6	14.8	15.6	14.2	13.1	13.1	12.7	13.2	14.6	14.7	16.5	14.5
Maximum Hourly Speed	51.0	47.0	50.7	51.4	42.4	53.8	42.8	43.9	47.8	49.4	54.8	56.5	56.5
Maximum Gust Speed	85.4	83.3	91.4	83.4	83.6	80.1	64.9	64.9	93.7	89.6	84.3	116.9	116.9
Days with Winds >= 52 km/h	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.6
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
<i>Table 8. DVP&Don Mills = 11005</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	18.9	18.1	16.5	16.6	14.8	13.7	13.8	14.0	15.1	17.2	17.6	20.2	16.4
Maximum Hourly Speed	58.5	56.6	57.2	53.8	39.6	43.1	46.1	48.1	49.2	50.0	64.3	66.0	66.0
Maximum Gust Speed	84.9	87.7	86.5	83.3	83.0	73.2	73.6	66.9	83.9	91.4	93.3	117.3	117.3
Days with Winds >= 52 km/h	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.2
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 9. Etobicoke North = 11287</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.2	16.1	15.4	16.3	14.6	13.3	12.9	12.6	13.2	14.7	15.0	16.8	14.8
Maximum Hourly Speed	52.8	48.2	52.1	51.5	45.1	53.8	43.3	45.2	48.0	52.3	55.7	57.9	57.9
Maximum Gust Speed	78.8	86.6	93.3	83.3	84.9	82.8	64.3	65.3	92.0	88.8	89.3	114.3	114.3
Days with Winds >= 52 km/h	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.3	0.8
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
<i>Table 10. Scarborough = 12063</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	19.0	18.5	17.2	17.5	15.7	14.1	14.1	14.1	15.2	17.5	17.8	20.3	16.7
Maximum Hourly Speed	59.3	56.6	59.8	56.8	48.5	43.3	49.9	48.1	57.2	55.3	65.7	66.5	66.5
Maximum Gust Speed	86.0	93.0	90.1	85.4	84.7	66.5	74.7	66.9	80.0	90.5	95.2	113.6	113.6
Days with Winds >= 52 km/h	0.4	0.2	0.4	0.6	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.8	3.2
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 11. Don Valley East = 12049</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.6	16.5	15.8	16.5	14.8	13.6	13.3	13.2	13.7	15.2	15.5	17.2	15.2
Maximum Hourly Speed	54.9	50.0	52.7	50.8	43.1	44.0	44.3	46.2	42.8	52.5	56.8	58.7	58.7
Maximum Gust Speed	80.6	88.3	86.6	83.7	85.2	63.4	68.0	68.1	88.8	90.1	84.5	113.4	113.4
Days with Winds >= 52 km/h	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.8
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3

Table 14 Wind Summary for 2000-2009 (Continued)

<i>Table 12. Scarborough - Rouge River = 12655</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.8	16.8	16.0	16.5	14.8	13.4	13.3	13.2	13.7	15.5	15.7	17.7	15.3
Maximum Hourly Speed	55.5	55.6	54.1	52.7	45.4	44.2	45.0	42.8	48.9	56.5	59.0	59.5	59.5
Maximum Gust Speed	81.7	90.3	94.3	86.0	85.5	65.7	68.8	65.8	79.8	87.0	85.8	114.5	114.5
Days with Winds >= 52 km/h	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.3
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 13. Mississauga = 29823</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	18.5	17.4	15.6	15.9	14.4	13.3	13.3	13.0	14.3	16.6	17.1	19.8	15.8
Maximum Hourly Speed	58.1	54.5	55.7	55.9	42.2	50.9	51.4	53.8	48.8	51.5	63.6	65.6	65.6
Maximum Gust Speed	87.1	86.2	91.8	84.9	84.4	81.7	72.4	69.5	94.9	94.1	92.2	126.1	126.1
Days with Winds >= 52 km/h	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.7	1.4
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
<i>Table 14. Trinity Spadina = 9957</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	18.0	17.3	15.9	16.5	14.5	13.3	13.4	13.1	14.3	16.3	16.6	19.1	15.7
Maximum Hourly Speed	56.1	51.8	60.5	63.7	44.3	50.0	50.7	48.6	54.7	49.5	62.1	63.0	63.7
Maximum Gust Speed	84.1	85.3	87.1	85.0	83.7	72.5	69.0	68.1	93.4	89.8	90.0	120.5	120.5
Days with Winds >= 52 km/h	0.1	0.1	0.4	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.7	2.1
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
<i>Table 15. Pelham -Thorold = 4083</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	19.7	19.1	17.5	17.9	16.3	15.2	14.8	13.7	15.0	17.2	18.0	19.9	17.0
Maximum Hourly Speed	68.7	56.5	61.7	59.7	60.0	57.1	50.3	45.4	62.1	57.7	71.6	69.9	71.6
Maximum Gust Speed	90.2	100.1	89.7	87.3	82.2	80.2	72.6	63.4	96.7	100.9	103.9	106.2	106.2
Days with Winds >= 52 km/h	0.3	0.5	0.3	0.4	0.1	0.1	0.0	0.0	0.1	0.3	0.4	1.1	3.6
Days with Winds >= 63 km/h	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
<i>Table 16. West Lincoln = 4507</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	19.9	19.1	17.6	18.1	16.3	15.0	14.5	13.7	15.3	17.6	18.3	20.1	17.1
Maximum Hourly Speed	61.8	55.3	61.4	57.4	54.1	51.6	50.2	52.8	53.4	54.0	70.8	71.1	71.1
Maximum Gust Speed	90.2	98.5	89.0	88.9	83.9	78.1	71.1	71.3	89.5	96.9	102.6	112.9	112.9
Days with Winds >= 52 km/h	0.4	0.4	0.2	0.3	0.1	0.0	0.0	0.1	0.1	0.3	0.3	0.7	2.9
Days with Winds >= 63 km/h	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 17. Caledon = 12747</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.7	16.3	15.7	16.5	14.9	13.7	13.3	12.9	13.4	15.1	15.3	17.0	15.1
Maximum Hourly Speed	53.0	50.0	52.6	52.7	47.9	45.6	42.3	45.2	47.3	49.7	56.9	59.6	59.6
Maximum Gust Speed	77.9	87.2	92.4	90.2	82.5	77.2	66.3	62.7	87.6	82.4	86.2	113.3	113.3
Days with Winds >= 52 km/h	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
<i>Table 18. Vaughan = 12773</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.0	17.0	16.4	17.4	15.6	14.1	13.5	13.3	13.9	15.5	15.9	17.7	15.6
Maximum Hourly Speed	54.4	51.1	55.8	57.1	47.6	52.1	45.9	47.6	44.4	51.8	59.1	60.8	60.8
Maximum Gust Speed	79.1	87.0	94.0	86.4	85.8	73.7	64.3	67.0	85.0	87.7	101.3	112.5	112.5
Days with Winds >= 52 km/h	0.1	0.1	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.4	1.3
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 19. Pickering = 14006</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.1	16.2	15.5	16.1	14.4	12.8	12.7	12.5	13.2	14.9	15.2	17.1	14.7
Maximum Hourly Speed	51.0	53.1	53.0	53.1	45.7	41.6	44.6	42.9	49.1	56.6	56.2	58.5	58.5
Maximum Gust Speed	80.9	94.3	90.8	86.7	85.4	63.9	68.4	64.9	78.0	86.6	99.1	104.1	104.1
Days with Winds >= 52 km/h	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.3
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 20. Clarington = 15524</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.5	17.6	16.8	17.3	15.3	13.5	13.3	13.2	13.8	15.7	16.2	18.4	15.7
Maximum Hourly Speed	55.3	57.6	57.0	50.3	43.9	41.9	44.9	42.4	48.9	53.9	59.4	65.9	65.9
Maximum Gust Speed	80.2	114.1	94.1	84.4	83.1	77.7	69.7	71.8	87.0	90.2	91.6	121.2	121.2
Days with Winds >= 52 km/h	0.1	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.6
Days with Winds >= 63 km/h	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8
<i>Table 21. Whitechurch Stouffville = 16064</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	19.2	19.2	19.2	19.4	17.5	15.6	14.9	14.8	15.7	17.5	18.2	19.8	17.6
Maximum Hourly Speed	60.3	59.7	62.6	56.6	47.9	59.8	48.1	49.0	48.2	57.8	65.8	68.6	68.6
Maximum Gust Speed	109.5	99.6	96.7	91.1	84.6	72.9	67.4	68.4	89.4	88.1	95.4	99.5	109.5
Days with Winds >= 52 km/h	0.2	0.2	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.5	1.6
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4
<i>Table 22. Uxbridge = 17575</i>													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.9	18.1	17.8	18.2	16.4	14.5	14.1	13.7	14.4	16.3	16.9	18.4	16.4
Maximum Hourly Speed	56.0	57.1	58.4	54.5	45.3	38.3	46.2	44.8	47.2	60.2	63.1	65.3	65.3
Maximum Gust Speed	81.2	108.0	90.3	80.6	78.4	72.9	65.4	69.7	84.1	90.3	89.3	105.8	108.0
Days with Winds >= 52 km/h	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.3
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.5

Table 14 Wind Summary for 2000-2009 (Continued)

<i>Table 23. East Gwillimbury = 17704</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	18.6	18.5	18.3	18.6	16.7	14.7	14.3	13.9	15.0	17.1	17.9	19.3	16.9
Maximum Hourly Speed	58.3	58.9	61.1	55.3	46.1	50.2	46.1	46.3	47.6	60.9	66.1	68.3	68.3
Maximum Gust Speed	84.6	105.2	88.6	83.4	78.2	73.4	67.7	67.3	85.1	87.8	95.9	105.9	105.9
Days with Winds >= 52 km/h	0.2	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.4
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4
<i>Table 24. Burlington = 25903</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	21.9	20.1	17.9	18.2	16.0	14.4	14.5	14.4	16.1	19.4	20.0	23.2	18.0
Maximum Hourly Speed	68.6	62.3	65.7	64.4	49.0	49.8	56.9	55.7	53.3	56.4	73.2	75.2	75.2
Maximum Gust Speed	99.5	91.2	95.2	86.7	80.9	67.7	69.5	72.9	87.9	93.2	106.2	121.7	121.7
Days with Winds >= 52 km/h	0.6	0.4	0.6	0.5	0.0	0.0	0.1	0.1	0.2	0.6	0.6	1.4	5.1
Days with Winds >= 63 km/h	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5
<i>Table 25. Milton = 28288</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.7	16.3	15.4	16.3	14.7	13.5	13.3	12.8	13.4	15.2	15.4	17.2	15.0
Maximum Hourly Speed	52.5	52.5	52.6	50.8	46.0	41.7	38.9	46.2	48.5	49.8	58.0	59.6	59.6
Maximum Gust Speed	79.4	88.2	92.2	88.6	77.9	66.0	65.0	71.8	84.9	82.8	99.1	109.8	109.8
Days with Winds >= 52 km/h	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
<i>Table 26. Mississauga-Milton = 29206</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.9	16.6	15.6	16.6	14.8	13.6	13.6	13.2	13.8	15.5	15.7	17.6	15.3
Maximum Hourly Speed	52.9	52.8	52.9	54.3	50.1	58.8	59.1	49.5	47.3	55.2	58.1	60.7	60.7
Maximum Gust Speed	77.4	88.9	92.6	84.9	81.5	72.4	74.1	67.8	85.6	85.9	90.9	115.6	115.6
Days with Winds >= 52 km/h	0.0	0.2	0.1	0.2	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.3	1.3
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
<i>Table 27. Richmond Hill = 13677</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.2	17.3	17.0	17.8	16.1	14.5	13.9	13.8	14.2	15.8	16.1	17.9	16.0
Maximum Hourly Speed	55.2	51.8	56.6	56.3	45.5	57.0	46.7	46.4	48.5	53.3	59.8	61.3	61.3
Maximum Gust Speed	80.0	87.7	94.4	88.3	84.5	70.1	67.3	67.5	92.7	88.2	86.2	111.4	111.4
Days with Winds >= 52 km/h	0.1	0.1	0.2	0.3	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.4	1.5
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 28. Oshawa = 14317</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.6	17.7	16.8	17.3	15.3	13.6	13.5	13.4	14.1	16.1	16.4	18.6	15.9
Maximum Hourly Speed	55.2	54.5	57.1	52.8	46.7	41.5	45.6	45.4	49.8	56.6	60.6	62.9	62.9
Maximum Gust Speed	80.1	103.3	93.3	85.0	80.3	70.6	68.7	66.3	85.5	89.7	87.8	119.8	119.8
Days with Winds >= 52 km/h	0.1	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.8
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4
<i>Table 29. Udora = 20096</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	18.6	18.5	18.1	18.4	16.6	14.4	14.2	13.9	15.0	17.1	18.0	19.5	16.8
Maximum Hourly Speed	57.2	59.7	61.0	53.0	46.6	47.1	42.9	54.7	47.2	58.0	66.9	68.2	68.2
Maximum Gust Speed	82.9	104.2	89.5	91.4	83.4	70.4	71.2	74.2	83.9	88.9	97.0	111.2	111.2
Days with Winds >= 52 km/h	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.6	1.6
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5
<i>Table 30. Niagara Falls = 5608</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	19.7	19.1	17.5	17.7	16.4	15.1	14.6	13.6	14.9	17.0	18.0	19.9	17.0
Maximum Hourly Speed	69.0	57.3	61.3	56.6	51.5	53.7	50.2	43.8	60.0	54.8	71.2	69.8	71.2
Maximum Gust Speed	90.0	98.1	90.7	86.7	82.5	79.6	72.2	63.7	96.8	100.2	103.3	111.8	111.8
Days with Winds >= 52 km/h	0.3	0.3	0.2	0.2	0.0	0.1	0.0	0.0	0.1	0.2	0.3	1.1	2.8
Days with Winds >= 63 km/h	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
<i>Table 31. King Smoke Tree = 15752</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.9	18.0	18.1	18.3	16.4	14.5	13.9	13.7	14.7	16.5	17.1	18.4	16.5
Maximum Hourly Speed	56.6	55.8	58.6	52.2	49.3	39.8	43.2	45.5	45.4	55.5	62.2	64.4	64.4
Maximum Gust Speed	82.0	96.4	86.3	90.3	83.3	70.9	65.8	69.5	85.9	84.7	90.2	117.3	117.3
Days with Winds >= 52 km/h	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	1.0
Days with Winds >= 63 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
<i>Table 32. Orangeville MOE = 14073</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	20.1	19.6	18.7	18.8	16.9	15.4	15.0	14.4	15.4	17.7	18.6	20.5	17.6
Maximum Hourly Speed	63.0	62.2	62.7	53.7	50.4	44.1	45.4	40.2	48.0	52.0	70.1	70.6	70.6
Maximum Gust Speed	91.4	92.2	95.8	86.3	87.8	75.6	69.5	67.2	93.7	83.9	101.6	108.0	108.0
Days with Winds >= 52 km/h	0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	1.6
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
<i>Table 33. Georgetown WWTP = 29942</i>													
<i>Wind</i>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.9	16.5	15.6	16.7	15.0	13.7	13.5	13.1	13.6	15.4	15.6	17.4	15.3
Maximum Hourly Speed	53.5	54.2	53.0	53.0	48.4	60.1	39.7	45.2	49.9	52.7	58.5	60.5	60.5
Maximum Gust Speed	77.9	87.6	93.3	87.4	80.8	75.0	64.6	65.1	85.3	85.5	91.7	108.0	108.0
Days with Winds >= 52 km/h	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.4	1.1
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2

Table 14 Wind Summary for 2000-2009 (Continued)

Table 34. Oakville Southeast WPCP = 27562													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	22.3	20.6	18.4	18.6	16.6	15.0	14.9	14.7	16.5	19.7	20.4	23.7	18.5
Maximum Hourly Speed	69.6	63.8	66.2	63.0	49.4	51.4	56.7	57.8	55.8	58.1	75.4	76.7	76.7
Maximum Gust Speed	101.0	92.6	99.5	88.2	82.6	81.5	72.6	72.6	89.7	96.3	109.3	125.4	125.4
Days with Winds >= 52 km/h	0.8	0.5	0.6	0.7	0.0	0.0	0.2	0.1	0.2	0.7	0.8	1.5	6.1
Days with Winds >= 63 km/h	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6

Table 35. Burlington Piers = 8114													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	21.1	19.5	17.3	17.4	15.4	14.3	14.3	13.8	15.5	18.6	19.1	22.2	17.4
Maximum Hourly Speed	66.5	59.4	64.7	61.2	48.1	48.5	53.8	54.5	50.0	54.2	71.3	72.5	72.5
Maximum Gust Speed	96.5	97.1	95.4	87.3	79.0	68.5	73.1	74.9	88.7	92.7	103.3	119.8	119.8
Days with Winds >= 52 km/h	0.4	0.5	0.5	0.4	0.0	0.0	0.1	0.1	0.0	0.3	0.6	1.2	4.1
Days with Winds >= 63 km/h	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6

Table 36. Millgrove = 8402													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	19.2	18.5	17.0	18.0	16.1	14.9	14.7	14.0	14.8	17.2	17.6	19.9	16.8
Maximum Hourly Speed	59.9	59.5	61.2	58.9	53.4	46.4	54.2	51.6	51.4	53.7	66.7	66.8	66.8
Maximum Gust Speed	86.9	93.8	90.8	90.6	81.6	65.5	69.0	65.4	87.3	88.9	96.7	116.0	116.0
Days with Winds >= 52 km/h	0.1	0.2	0.3	0.6	0.1	0.0	0.1	0.0	0.0	0.1	0.5	0.8	2.8
Days with Winds >= 63 km/h	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7

Table 15 Corrected Wind Summary for 2040-2049

Table 1. Toronto Pearson = 10385													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	13.7	14.5	14.7	15.2	13.9	12.8	11.4	11.4	11.8	12.8	13.7	13.1	13.3
Maximum Hourly Speed	40.5	41.6	38.7	38.9	38.4	47.7	37.1	39.6	36.3	37.5	37.2	38.1	47.7
Maximum Gust Speed	62.7	70.1	70.0	63.7	66.1	74.7	56.5	52.4	58.5	65.1	62.8	67.2	74.7
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 2. Hamilton = 5989													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.9	17.7	17.5	17.8	15.6	14.8	13.2	13.2	13.8	15.4	17.6	17.1	16.0
Maximum Hourly Speed	46.7	45.3	47.4	45.5	47.6	43.3	45.8	39.9	47.5	39.4	44.0	44.0	47.6
Maximum Gust Speed	71.8	83.0	80.9	69.8	75.5	68.8	70.1	58.3	62.3	64.9	71.4	65.0	83.0
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 3. Toronto North York = 11888													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.0	15.0	15.0	15.5	14.0	12.6	11.0	11.2	11.9	13.1	14.1	13.3	13.4
Maximum Hourly Speed	40.3	44.0	41.9	39.0	39.2	46.6	36.8	39.6	36.0	36.9	37.7	41.4	46.6
Maximum Gust Speed	67.0	77.1	70.6	64.4	66.7	76.5	59.6	52.2	55.9	69.7	61.9	69.5	77.1
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 4. Toronto Island = 9505													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.3	16.9	15.7	15.4	13.2	12.1	11.2	11.9	13.1	15.2	17.5	16.0	14.6
Maximum Hourly Speed	50.3	55.5	41.8	46.4	38.8	43.3	40.7	42.6	41.5	45.2	51.7	43.9	55.5
Maximum Gust Speed	68.3	70.2	68.2	62.8	68.1	72.5	65.5	59.3	57.5	68.7	66.6	68.1	72.5
Days with Winds >= 52 km/h	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5. Hwy 427-401 = 10242													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	13.3	14.3	14.2	14.6	13.4	12.2	11.1	11.1	11.6	12.5	13.5	12.6	12.9
Maximum Hourly Speed	38.5	43.3	36.1	37.3	36.6	46.3	36.2	39.4	36.1	34.7	38.0	36.0	46.3
Maximum Gust Speed	62.4	70.8	69.3	62.9	66.6	74.7	56.5	51.8	59.6	62.8	63.1	67.4	74.7
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 6. Beaches-East York = 10863													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	19.5	18.7	17.1	16.6	14.1	12.7	11.6	12.4	14.2	16.8	19.5	18.2	16.0
Maximum Hourly Speed	54.0	60.0	44.4	46.5	39.9	45.4	39.1	46.0	44.1	49.0	54.6	47.0	60.0
Maximum Gust Speed	68.0	79.5	68.0	63.4	68.8	76.2	62.9	62.9	59.7	72.3	68.8	69.9	79.5
Days with Winds >= 52 km/h	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 7. York South-Weston = 10847													
Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.0	15.0	14.7	15.0	13.5	12.2	11.0	11.3	12.0	13.2	14.2	13.2	13.3
Maximum Hourly Speed	42.0	49.8	39.1	36.3	37.2	45.8	35.9	39.1	35.9	40.3	42.9	37.6	49.8
Maximum Gust Speed	64.7	71.3	71.2	63.0	65.9	75.6	58.0	51.8	54.5	68.6	62.8	67.8	75.6
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 15 Corrected Wind Summary for 2040-2049 (Continued)

Table 8. DVP&Don Mills = 11005

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.6	17.7	16.5	15.9	13.7	12.0	11.0	11.7	13.5	15.7	17.8	16.8	15.0
Maximum Hourly Speed	47.6	54.2	39.7	40.1	35.4	45.1	36.1	38.9	39.3	46.8	48.3	41.5	54.2
Maximum Gust Speed	67.1	77.0	72.2	63.2	66.7	75.3	59.1	57.6	56.1	67.8	67.4	68.4	77.0
Days with Winds >= 52 km/h	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 9. Etobicoke North = 11287

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	13.9	15.1	15.1	15.5	14.0	12.6	11.1	11.2	11.9	13.0	14.0	13.3	13.4
Maximum Hourly Speed	39.9	45.0	41.1	38.8	38.6	47.7	35.7	39.4	36.1	37.0	38.5	40.3	47.7
Maximum Gust Speed	64.5	71.5	70.8	61.5	66.8	75.8	55.1	56.4	56.5	68.6	65.1	68.6	75.8
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 10. Scarborough = 12063

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.6	18.0	16.9	16.7	14.4	12.8	11.6	12.1	13.7	15.8	17.8	16.4	15.3
Maximum Hourly Speed	54.1	62.3	46.0	44.9	42.1	48.0	37.0	41.3	43.4	48.5	53.6	42.4	62.3
Maximum Gust Speed	64.9	80.0	68.1	63.7	68.0	75.1	62.1	58.1	57.4	67.4	72.1	69.4	80.0
Days with Winds >= 52 km/h	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 11. Don Valley East = 12049

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.7	15.6	15.5	15.8	14.2	12.4	11.0	11.3	12.4	13.7	14.8	13.9	13.8
Maximum Hourly Speed	40.4	47.6	43.4	38.6	41.3	49.2	37.2	38.8	35.7	38.4	40.5	40.6	49.2
Maximum Gust Speed	66.9	79.9	67.7	63.9	66.2	79.0	57.1	54.2	60.1	70.3	65.4	69.1	79.9
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 12. Scarborough - Rouge River = 12655

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.1	16.1	15.7	16.0	13.9	12.0	10.7	11.1	12.5	14.0	15.3	14.3	13.9
Maximum Hourly Speed	44.3	53.2	46.0	41.7	42.9	49.3	37.6	40.9	37.3	41.4	43.7	43.4	53.2
Maximum Gust Speed	63.4	79.0	70.3	66.9	64.1	72.1	58.1	58.6	57.6	67.8	70.2	70.4	79.0
Days with Winds >= 52 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 13. Mississauga = 29823

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.3	17.0	15.6	15.2	13.3	12.2	11.2	11.7	13.0	15.0	17.5	16.2	14.6
Maximum Hourly Speed	46.4	51.4	38.8	42.4	36.3	41.2	42.6	39.2	39.7	45.5	47.3	40.8	51.4
Maximum Gust Speed	66.6	69.7	68.9	62.3	66.7	70.0	62.8	59.0	61.9	64.5	66.3	67.1	70.0
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 14. Trinity Spadina = 9957

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.8	16.9	15.8	15.4	13.2	11.8	10.9	11.6	13.0	14.9	17.0	15.2	14.4
Maximum Hourly Speed	53.5	59.2	43.9	48.7	40.7	45.4	37.3	41.0	43.8	47.1	55.2	38.7	59.2
Maximum Gust Speed	67.3	70.4	66.7	63.4	66.9	70.6	63.7	60.7	57.6	68.4	68.3	68.6	70.6
Days with Winds >= 52 km/h	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 15. Pelham -Thorold = 4083

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.6	17.0	16.5	16.7	15.0	14.2	13.7	13.2	13.6	15.1	16.6	17.0	15.4
Maximum Hourly Speed	47.4	46.1	46.2	48.5	43.2	43.2	53.2	44.7	44.2	47.9	50.3	45.1	53.2
Maximum Gust Speed	70.1	82.2	75.6	65.8	71.3	71.1	78.6	71.4	57.8	75.2	73.1	62.3	82.2
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 16. West Lincoln = 4507

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.1	17.4	17.2	16.9	14.9	14.2	13.2	12.9	13.6	15.2	17.1	17.1	15.6
Maximum Hourly Speed	46.8	45.4	47.9	44.0	45.5	50.4	43.0	48.3	47.5	39.5	42.3	45.1	50.4
Maximum Gust Speed	71.2	83.9	77.5	66.0	74.8	74.5	67.1	68.6	58.7	65.3	72.2	62.2	83.9
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 17. Caledon = 12747

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.2	14.8	15.3	15.8	14.7	13.6	11.6	11.6	12.0	13.4	14.2	14.0	13.8
Maximum Hourly Speed	44.0	39.6	37.6	37.5	39.3	48.1	35.3	40.6	37.4	36.7	36.2	38.0	48.1
Maximum Gust Speed	63.9	68.3	75.5	63.7	64.9	77.4	55.2	54.5	60.6	66.0	62.8	72.4	77.4
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 18. Vaughan = 12773

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.6	15.9	16.0	16.6	15.2	13.6	11.7	11.7	12.4	13.6	14.8	13.8	14.2
Maximum Hourly Speed	42.3	48.9	41.4	40.5	40.2	47.9	39.1	40.0	37.2	38.1	41.3	42.6	48.9
Maximum Gust Speed	65.9	75.1	71.2	63.0	66.3	74.6	57.6	55.9	58.9	65.8	62.6	70.8	75.1
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 15 Corrected Wind Summary for 2040-2049 (Continued)

Table 19. Pickering = 14006

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.3	15.5	15.1	15.4	13.3	11.4	10.2	10.4	11.8	13.1	14.5	13.5	13.2
Maximum Hourly Speed	40.6	50.8	43.6	39.8	40.5	45.5	38.4	51.2	35.9	40.1	43.1	42.2	51.2
Maximum Gust Speed	65.1	74.2	73.3	65.9	62.2	72.0	58.0	61.4	55.6	67.3	72.7	70.9	74.2
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 20. Clarington = 15524

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.1	16.0	15.8	16.2	14.5	12.7	11.2	11.1	12.7	13.9	15.3	14.4	14.1
Maximum Hourly Speed	41.0	46.3	43.3	38.1	39.2	50.0	37.4	42.2	42.5	44.8	50.7	38.5	50.7
Maximum Gust Speed	70.0	74.2	71.2	62.1	66.0	76.1	60.9	59.9	64.8	72.6	76.9	69.4	76.9
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 21. Whitechurch Stouffville = 16064

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.8	17.7	17.4	17.9	16.7	15.2	13.1	13.0	13.7	15.1	16.2	15.8	15.6
Maximum Hourly Speed	40.9	48.5	46.7	40.5	42.3	53.7	42.1	40.8	35.9	42.1	40.0	43.0	53.7
Maximum Gust Speed	67.4	76.5	77.9	64.3	69.4	83.2	57.7	64.6	60.0	69.6	78.1	65.5	83.2
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 22. Uxbridge = 17575

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.0	16.7	16.5	17.3	16.0	14.6	12.4	12.4	12.8	14.3	15.0	14.8	14.8
Maximum Hourly Speed	41.4	47.0	46.9	42.2	44.4	49.0	39.7	37.1	40.1	45.1	42.5	40.8	49.0
Maximum Gust Speed	73.1	77.5	71.1	63.6	69.2	78.9	60.6	56.1	62.6	71.5	72.7	64.8	78.9
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 23. East Gwillimbury = 17704

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.6	17.3	16.8	17.4	15.9	14.5	12.5	12.6	13.1	14.8	15.8	15.4	15.1
Maximum Hourly Speed	42.3	47.9	49.2	43.0	44.7	47.3	37.5	37.7	36.0	44.3	43.2	43.4	49.2
Maximum Gust Speed	71.4	77.3	74.4	63.9	71.6	75.9	54.8	57.2	60.8	68.4	67.6	64.5	77.3
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 24. Burlington = 25903

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	21.3	20.2	18.9	17.7	14.3	13.1	11.8	12.6	14.9	17.7	21.0	19.9	16.9
Maximum Hourly Speed	53.8	51.6	51.0	56.2	39.9	49.0	45.1	41.8	48.7	48.8	56.9	51.0	56.9
Maximum Gust Speed	67.0	80.6	76.2	64.4	71.7	68.5	66.4	58.3	61.4	69.2	64.3	67.9	80.6
Days with Winds >= 52 km/h	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.1
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 25. Milton = 28288

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.0	15.2	15.3	15.8	14.3	13.1	11.3	11.5	12.0	13.6	14.9	14.3	13.8
Maximum Hourly Speed	41.9	40.1	39.1	38.1	37.8	43.2	35.8	40.3	36.7	35.1	42.9	37.7	43.2
Maximum Gust Speed	63.6	70.9	73.9	64.7	68.7	72.0	58.7	58.6	59.0	66.8	62.1	69.6	73.9
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 26. Mississauga-Milton = 29206

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.4	15.8	15.9	16.2	14.2	12.6	11.2	11.5	12.5	14.1	15.5	14.6	14.1
Maximum Hourly Speed	44.0	46.1	41.0	40.5	40.8	50.1	38.2	39.7	36.3	40.0	43.2	38.5	50.1
Maximum Gust Speed	63.9	71.2	70.8	65.0	68.9	72.5	56.4	55.8	61.5	66.7	62.1	67.5	72.5
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 27. Richmond Hill = 13677

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.8	16.2	16.4	17.1	15.7	14.0	11.9	12.0	12.9	13.9	15.0	14.2	14.5
Maximum Hourly Speed	41.8	48.7	43.8	39.1	41.1	50.1	41.5	45.7	36.0	38.6	39.1	42.7	50.1
Maximum Gust Speed	64.1	80.2	70.4	64.2	66.9	78.0	56.5	55.6	59.0	68.4	64.5	73.3	80.2
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 28. Oshawa = 14317

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.4	16.6	16.0	16.3	14.1	12.1	10.8	11.1	12.7	14.1	15.7	14.6	14.1
Maximum Hourly Speed	43.9	54.0	43.9	41.0	41.5	50.3	37.7	41.0	38.5	43.8	45.0	42.1	54.0
Maximum Gust Speed	67.3	75.5	73.7	63.3	65.5	74.9	60.0	60.0	57.0	71.5	74.5	71.5	75.5
Days with Winds >= 52 km/h	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 29. Udora = 20096

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	15.5	17.4	16.8	17.2	15.5	13.9	12.3	12.4	13.0	14.8	15.9	15.6	15.0
Maximum Hourly Speed	43.9	49.4	45.6	40.6	44.2	42.9	37.6	36.7	37.7	45.6	41.1	42.4	49.4
Maximum Gust Speed	71.1	81.1	74.4	64.0	69.7	76.1	59.7	61.6	60.9	69.2	70.3	67.7	81.1
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 15 Corrected Wind Summary for 2040-2049 (Continued)

Table 30. Niagara Falls = 5608

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.7	17.1	16.3	16.6	14.9	14.4	13.6	13.2	13.5	15.1	16.6	16.9	15.4
Maximum Hourly Speed	48.6	44.7	45.3	45.2	43.0	41.5	55.2	45.1	44.6	56.9	52.8	42.7	56.9
Maximum Gust Speed	72.8	82.9	74.7	68.4	70.7	71.1	74.2	78.9	58.5	79.2	69.4	65.6	82.9
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.4
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 31. King Smoke Tree = 15752

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.7	16.7	16.4	16.8	15.6	14.3	12.3	12.2	12.7	14.1	15.1	14.5	14.6
Maximum Hourly Speed	41.6	47.6	46.8	40.1	42.5	49.5	40.7	38.9	36.3	38.1	40.0	41.1	49.5
Maximum Gust Speed	61.7	77.8	76.3	62.8	68.6	79.2	57.8	55.0	58.9	66.0	68.1	66.0	79.2
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 32. Orangeville MOE = 14073

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	16.6	16.9	16.9	17.4	16.2	15.3	13.0	13.2	13.5	15.4	16.6	16.8	15.7
Maximum Hourly Speed	45.6	40.5	41.1	40.4	41.8	47.9	37.8	41.2	38.3	38.7	39.3	42.2	47.9
Maximum Gust Speed	67.9	72.8	82.1	65.9	70.9	76.3	61.6	57.2	60.0	69.7	62.9	73.2	82.1
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 33. Georgetown WWTP = 29942

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	14.9	15.3	15.8	16.2	14.7	13.4	11.5	11.7	12.3	13.8	14.9	14.4	14.1
Maximum Hourly Speed	42.2	39.1	39.5	39.0	39.1	48.0	36.7	40.4	36.9	36.3	36.8	38.5	48.0
Maximum Gust Speed	63.9	70.4	73.9	64.5	68.0	71.0	60.6	54.7	58.2	64.7	62.2	68.7	73.9
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 34. Oakville Southeast WPCP = 27562

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	21.4	20.4	18.9	17.9	15.1	13.9	12.5	13.1	15.2	17.9	21.3	20.0	17.3
Maximum Hourly Speed	54.2	56.7	49.4	54.8	39.2	51.0	53.2	49.6	47.0	50.6	56.7	48.8	56.7
Maximum Gust Speed	68.5	75.6	73.2	65.8	70.7	75.7	66.8	57.6	60.2	66.8	70.8	71.2	75.7
Days with Winds >= 52 km/h	0.3	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.6	0.0	1.4
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 35. Burlington Piers = 8114

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	20.6	19.1	17.9	16.9	13.7	12.9	11.7	12.6	14.3	17.0	20.1	19.2	16.3
Maximum Hourly Speed	54.8	49.4	51.0	55.5	40.5	43.8	45.7	40.9	49.0	45.9	54.0	51.2	55.5
Maximum Gust Speed	75.7	80.2	76.8	65.7	73.1	68.1	66.9	58.6	62.8	69.1	64.1	69.5	80.2
Days with Winds >= 52 km/h	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 36. Millgrove = 8402

Wind	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Speed (km/h)	17.7	17.2	17.1	17.5	15.2	14.1	12.3	12.7	13.5	15.4	17.4	16.4	15.5
Maximum Hourly Speed	47.5	47.8	45.1	47.8	42.5	46.6	43.0	41.2	42.3	39.0	47.1	42.1	47.8
Maximum Gust Speed	66.1	79.5	75.9	66.2	71.9	65.4	65.0	56.1	65.7	67.8	62.4	68.0	79.5
Days with Winds >= 52 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Winds >= 63 km/h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 16 Wind Chill Summary for 2000-2009

<i>Table 1. Toronto Pearson = 10385</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-31.1	-29.5	-36.1	-16.8	-5.0	-3.2	0.0	0.0	-3.3	-7.2	-17.2	-24.5	-36.1
Days with Windchill < -20	5.1	4.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	13.1
Days with Windchill < -30	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 2. Hamilton = 5989</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-29.6	-28.8	-31.4	-17.1	-6.7	-0.3	0.0	0.0	-2.9	-6.7	-19.3	-27.5	-31.4
Days with Windchill < -20	6.1	4.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	13.8
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 3. Toronto North York = 11888</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-30.9	-31.3	-37.5	-17.9	-5.6	-2.9	0.0	0.0	-5.4	-7.5	-17.3	-25.7	-37.5
Days with Windchill < -20	6.1	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	14.8
Days with Windchill < -30	0.4	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 16 Wind Chill Summary for 2000-2009 (Continued)

<i>Table 4. Toronto Island = 9505</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-29.7	-29.2	-35.4	-15.3	-4.1	-5.6	0.0	0.0	-2.1	-5.8	-16.5	-24.1	-35.4
Days with Windchill < -20	4.5	4.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	11.0
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 5. Hwy 427-401 = 10242</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-30.5	-29.4	-36.0	-16.5	-4.9	-4.0	0.0	0.0	-3.7	-6.7	-16.7	-24.5	-36.0
Days with Windchill < -20	4.8	4.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	12.2
Days with Windchill < -30	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 6. Beaches-East York = 10863</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-29.1	-29.7	-35.8	-16.0	-4.1	0.0	0.0	0.0	-3.1	-5.7	-15.8	-23.6	-35.8
Days with Windchill < -20	4.2	4.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	11.2
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 7. York South-Weston = 10847</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-30.6	-30.6	-36.7	-16.9	-4.9	-1.5	0.0	0.0	-3.7	-6.8	-16.7	-25.0	-36.7
Days with Windchill < -20	5.5	4.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	13.4
Days with Windchill < -30	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 8. DVP&Don Mills = 11005</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-29.4	-30.1	-35.9	-16.6	-4.7	-0.1	0.0	0.0	-2.7	-5.3	-15.4	-23.4	-35.9
Days with Windchill < -20	4.6	4.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	11.8
Days with Windchill < -30	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 9. Etobicoke North = 11287</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-31.0	-31.3	-37.6	-17.9	-5.6	-1.3	0.0	0.0	-5.0	-7.5	-17.5	-25.7	-37.6
Days with Windchill < -20	6.1	5.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	15.0
Days with Windchill < -30	0.4	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 10. Scarborough = 12063</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-29.7	-30.2	-36.3	-16.8	-5.1	0.0	0.0	0.0	-4.2	-6.2	-15.6	-23.9	-36.3
Days with Windchill < -20	5.3	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	12.4
Days with Windchill < -30	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 11. Don Valley East = 12049</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-30.9	-31.5	-37.8	-18.1	-5.9	-2.1	0.0	0.0	-5.6	-7.5	-17.3	-25.6	-37.8
Days with Windchill < -20	6.7	5.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	15.3
Days with Windchill < -30	0.4	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 12. Scarborough - Rouge River = 12655</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-30.2	-30.8	-37.0	-17.4	-5.6	-0.3	0.0	0.0	-4.8	-6.7	-17.4	-24.6	-37.0
Days with Windchill < -20	6.1	4.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	14.0
Days with Windchill < -30	0.2	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 13. Mississauga = 29823</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-28.1	-28.1	-34.3	-15.8	-3.7	-1.2	0.0	0.0	-1.4	-5.0	-15.0	-22.3	-34.3
Days with Windchill < -20	3.2	3.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	8.7
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 16 Wind Chill Summary for 2000-2009 (Continued)

<i>Table 14. Trinity Spadina = 9957</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-29.8	-29.6	-35.7	-15.6	-4.2	-2.9	0.0	0.0	-2.0	-5.8	-16.4	-24.0	-35.7
Days with Windchill < -20	4.6	4.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	11.7
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 15. Pelham-Thorold = 4083</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-28.3	-28.7	-32.6	-14.1	-6.8	-0.1	0.0	0.0	-0.9	-6.8	-19.6	-25.4	-32.6
Days with Windchill < -20	5.6	4.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	11.8
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 16. West Lincoln = 4507</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-28.9	-28.4	-31.0	-14.4	-6.2	0.0	0.0	0.0	-0.7	-6.8	-19.1	-26.8	-31.0
Days with Windchill < -20	5.8	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	12.0
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 17. Caledon = 12747</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-31.8	-29.6	-36.7	-18.5	-7.5	-2.3	0.0	0.0	-5.5	-9.1	-19.0	-24.3	-36.7
Days with Windchill < -20	6.2	6.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	16.2
Days with Windchill < -30	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 18. Vaughan = 12773</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-31.9	-32.3	-38.5	-19.0	-6.5	-2.2	0.0	0.0	-5.5	-8.0	-18.2	-26.4	-38.5
Days with Windchill < -20	6.8	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	16.6
Days with Windchill < -30	0.4	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 19. Pickering = 14006</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-30.8	-30.3	-36.2	-17.2	-5.5	0.0	0.0	0.0	-5.7	-6.9	-16.6	-23.7	-36.2
Days with Windchill < -20	5.7	4.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	13.7
Days with Windchill < -30	0.2	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 20. Clarington = 15524</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-32.6	-31.3	-36.2	-17.9	-7.0	0.0	0.0	0.0	-5.9	-8.3	-18.9	-26.1	-36.2
Days with Windchill < -20	6.5	6.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	17.1
Days with Windchill < -30	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 21. Whitechurch Stouffville = 16064</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-34.2	-34.8	-41.5	-22.3	-9.1	-3.4	0.0	0.0	-8.2	-9.8	-19.6	-29.1	-41.5
Days with Windchill < -20	9.4	8.3	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	24.6
Days with Windchill < -30	0.9	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 22. Uxbridge = 17575</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-33.9	-33.9	-40.3	-20.8	-8.6	-2.4	0.0	0.0	-8.1	-9.6	-19.9	-27.6	-40.3
Days with Windchill < -20	8.2	7.7	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	21.8
Days with Windchill < -30	0.8	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 23. East Gwillimbury = 17704</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-33.2	-33.7	-40.1	-21.4	-8.2	-2.5	0.0	0.0	-7.3	-9.2	-18.3	-27.2	-40.1
Days with Windchill < -20	8.7	8.0	3.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	22.5
Days with Windchill < -30	0.6	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 16 Wind Chill Summary for 2000-2009 (Continued)

<i>Table 24. Burlington = 25903</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-27.7	-28.3	-31.6	-18.1	-4.1	0.0	0.0	0.0	-0.2	-4.7	-15.8	-23.4	-31.6
Days with Windchill < -20	3.4	3.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	8.7
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 25. Milton = 28288</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-29.8	-27.8	-32.7	-15.7	-5.4	-0.3	0.0	0.0	-4.2	-7.5	-17.5	-25.3	-32.7
Days with Windchill < -20	5.3	4.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	12.2
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 26. Mississauga-Milton = 29206</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-30.8	-27.7	-33.9	-15.8	-5.6	-1.7	0.0	0.0	-4.2	-7.4	-17.2	-25.1	-33.9
Days with Windchill < -20	5.4	4.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	13.2
Days with Windchill < -30	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 27. Richmond Hill = 13677</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-31.7	-32.6	-38.9	-19.7	-6.9	-2.3	0.0	0.0	-6.0	-8.4	-18.1	-27.2	-38.9
Days with Windchill < -20	7.6	5.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	17.9
Days with Windchill < -30	0.5	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 28. Oshawa = 14317</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-32.4	-31.2	-37.0	-17.6	-5.7	0.0	0.0	0.0	-5.6	-8.1	-18.4	-25.7	-37.0
Days with Windchill < -20	6.0	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	15.4
Days with Windchill < -30	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 29. Uthara = 20096</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-33.7	-33.8	-40.3	-21.3	-8.9	-2.6	0.0	0.0	-8.0	-9.3	-19.5	-27.5	-40.3
Days with Windchill < -20	8.6	8.2	3.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	23.5
Days with Windchill < -30	1.0	0.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 30. Niagara Falls = 5608</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-28.3	-28.6	-33.9	-14.7	-4.7	0.0	0.0	0.0	-1.9	-6.6	-19.3	-25.8	-33.9
Days with Windchill < -20	5.5	4.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	12.2
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 31. King Smoke Tree = 15752</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-33.4	-34.1	-40.7	-21.2	-8.0	-3.6	0.0	0.0	-6.1	-9.2	-19.3	-28.4	-40.7
Days with Windchill < -20	8.0	7.4	3.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	21.4
Days with Windchill < -30	0.5	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 32. Orangeville MOE = 14073</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-32.8	-31.8	-38.6	-20.3	-9.7	-3.1	0.0	0.0	-6.2	-11.2	-20.8	-26.4	-38.6
Days with Windchill < -20	8.9	8.4	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.0	24.1
Days with Windchill < -30	0.6	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>Table 33. Georgetown WWTP = 29942</i>													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-30.9	-28.5	-34.0	-16.3	-5.9	-1.3	0.0	0.0	-5.1	-8.1	-17.7	-24.6	-34.0
Days with Windchill < -20	5.5	4.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	13.5
Days with Windchill < -30	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 16 Wind Chill Summary for 2000-2009 (Continued)

Table 34. Oakville Southeast WPCP = 27562													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-28.5	-28.0	-32.7	-17.7	-4.0	0.0	0.0	0.0	-0.8	-5.1	-15.4	-22.9	-32.7
Days with Windchill < -20	3.7	4.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	9.9
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 35. Burlington Piers = 8114													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-26.9	-27.9	-29.7	-17.7	-4.4	0.0	0.0	0.0	0.0	-4.5	-16.3	-23.9	-29.7
Days with Windchill < -20	3.2	3.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	8.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 36. Millgrove = 8402													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-29.0	-28.2	-30.1	-15.9	-6.2	-0.4	0.0	0.0	-3.9	-6.6	-18.6	-27.1	-30.1
Days with Windchill < -20	6.0	4.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	13.3
Days with Windchill < -30	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 17 Corrected Wind Chill Summary for 2040-2049

Table 1. Toronto Pearson = 10385													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-15.7	-17.0	-12.6	-11.1	-0.1	0.0	0.0	0.0	0.0	-2.1	-10.3	-15.6	-17.0
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 2. Hamilton = 5989													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-18.2	-18.9	-12.7	-11.3	-2.0	0.0	0.0	0.0	0.0	-4.9	-9.6	-16.0	-18.9
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 3. Toronto North York = 11888													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-16.6	-18.0	-14.1	-11.3	-1.1	0.0	0.0	0.0	-1.1	-2.7	-10.4	-17.7	-18.0
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 4. Toronto Island = 9505													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-15.2	-16.3	-12.5	-9.9	0.0	0.0	0.0	0.0	0.0	-1.9	-9.3	-15.0	-16.3
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5. Hwy 427-401 = 10242													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-16.6	-16.6	-13.8	-10.8	-0.4	0.0	0.0	0.0	-0.2	-2.2	-10.6	-15.9	-16.6
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 6. Beaches-East York = 10863													
Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-14.2	-15.8	-12.6	-9.5	0.0	0.0	0.0	0.0	0.0	-0.7	-9.4	-15.2	-15.8
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 17 Corrected Wind Chill Summary for 2040-2049 (Continued)

Table 7. York South-Weston = 10847

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-15.6	-17.3	-13.3	-10.8	-0.1	0.0	0.0	0.0	0.0	-2.1	-10.0	-16.2	-17.3
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 8. DVP&Don Mills = 11005

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-13.8	-15.7	-12.4	-9.6	0.0	0.0	0.0	0.0	0.0	-0.3	-8.8	-14.3	-15.7
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 9. Etobicoke North = 11287

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-16.6	-18.1	-13.9	-11.5	-1.2	-0.3	0.0	0.0	-0.8	-3.1	-10.4	-16.3	-18.1
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 10. Scarborough = 12063

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-16.2	-16.2	-13.2	-10.0	-0.1	0.0	0.0	0.0	0.0	-1.8	-9.8	-19.3	-19.3
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 11. Don Valley East = 12049

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-16.6	-17.8	-14.5	-11.3	-0.7	0.0	0.0	0.0	-0.4	-3.1	-10.6	-19.0	-19.0
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 12. Scarborough - Rouge River = 12655

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-17.3	-17.1	-13.7	-10.7	-0.7	0.0	0.0	0.0	-0.4	-2.4	-10.0	-21.2	-21.2
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 13. Mississauga = 29823

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-13.5	-14.4	-11.2	-9.0	0.0	0.0	0.0	0.0	0.0	0.0	-7.9	-11.8	-14.4
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 14. Trinity Spadina = 9957

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-15.3	-16.5	-12.6	-10.0	0.0	0.0	0.0	0.0	0.0	-0.8	-9.1	-14.5	-16.5
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 15. Pelham -Thorold = 4083

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-19.1	-17.5	-12.5	-11.9	-2.2	0.0	0.0	0.0	0.0	-2.3	-8.0	-14.9	-19.1
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 16. West Lincoln = 4507

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-18.6	-17.8	-11.9	-10.7	-1.5	0.0	0.0	0.0	0.0	-2.8	-7.6	-15.1	-18.6
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 17 Corrected Wind Chill Summary for 2040-2049 (Continued)

Table 17. Caledon = 12747

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-17.4	-18.8	-14.3	-12.1	-1.1	-0.6	0.0	0.0	-1.1	-3.3	-11.4	-18.4	-18.8
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 18. Vaughan = 12773

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-17.6	-18.9	-14.8	-12.0	-1.0	-0.8	0.0	0.0	-1.1	-2.8	-10.8	-18.2	-18.9
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 19. Pickering = 14006

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-15.8	-16.9	-13.8	-10.2	-0.3	0.0	0.0	0.0	-1.8	-3.3	-10.6	-17.9	-17.9
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 20. Clarington = 15524

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-17.1	-19.2	-16.1	-10.6	0.0	0.0	0.0	0.0	-1.0	-4.5	-11.8	-15.6	-19.2
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 21. Whitechurch Stouffville = 16064

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-18.9	-20.7	-17.6	-13.8	-2.3	-1.7	0.0	0.0	-2.6	-4.6	-13.2	-21.6	-21.6
Days with Windchill < -20	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 22. Uxbridge = 17575

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-19.9	-19.2	-17.4	-12.1	-2.0	-1.1	0.0	0.0	-3.6	-4.7	-12.1	-18.2	-19.9
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 23. East Gwillimbury = 17704

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-18.5	-19.4	-17.1	-12.8	-2.6	-0.8	0.0	0.0	-3.4	-4.2	-11.6	-21.1	-21.1
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 24. Burlington = 25903

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-13.7	-14.3	-10.5	-8.5	0.0	0.0	0.0	0.0	0.0	0.0	-7.1	-11.1	-14.3
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 25. Milton = 28288

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-18.1	-16.8	-12.7	-10.9	-0.1	0.0	0.0	0.0	-0.3	-2.4	-9.9	-13.7	-18.1
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 26. Mississauga-Milton = 29206

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-15.9	-16.0	-12.1	-10.8	-0.4	0.0	0.0	0.0	-1.2	-2.7	-10.7	-14.7	-16.0
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 17 Corrected Wind Chill Summary for 2040-2049 (Continued)

Table 27. Richmond Hill = 13677

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-17.4	-19.0	-15.5	-12.2	-0.9	-0.9	0.0	0.0	-1.1	-3.4	-11.3	-20.4	-20.4
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 28. Oshawa = 14317

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-17.3	-17.1	-14.9	-10.4	-0.1	0.0	0.0	0.0	-0.9	-4.2	-10.8	-16.8	-17.3
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 29. Udora = 20096

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-20.1	-20.9	-17.7	-12.2	-1.5	-1.0	0.0	0.0	-3.1	-4.7	-12.0	-18.8	-20.9
Days with Windchill < -20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 30. Niagara Falls = 5608

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-18.8	-17.3	-13.4	-11.5	-1.8	0.0	0.0	0.0	0.0	-2.0	-8.0	-15.2	-18.8
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 31. King Smoke Tree = 15752

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-18.0	-20.0	-16.8	-13.1	-2.2	-1.5	0.0	0.0	-1.1	-4.3	-11.0	-20.4	-20.4
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 32. Orangeville MOE = 14073

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-18.9	-20.9	-15.7	-14.6	-3.5	-1.9	0.0	0.0	-0.3	-4.7	-13.8	-19.1	-20.9
Days with Windchill < -20	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 33. Georgetown WWTP = 29942

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-16.3	-16.8	-12.4	-11.3	-0.5	0.0	0.0	0.0	-0.6	-2.7	-10.3	-15.0	-16.8
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 34. Oakville Southeast WPCP = 27562

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-13.7	-14.1	-11.1	-8.9	0.0	0.0	0.0	0.0	0.0	0.0	-7.6	-12.0	-14.1
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 35. Burlington Piers = 8114

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-14.4	-14.5	-10.6	-8.5	0.0	0.0	0.0	0.0	0.0	0.0	-6.6	-10.9	-14.5
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 36. Millgrove = 8402

Windchill	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Extreme Windchill	-17.9	-17.9	-12.4	-10.9	-0.9	0.0	0.0	0.0	0.0	-4.4	-9.5	-15.6	-17.9
Days with Windchill < -20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Days with Windchill < -45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

2.0 STORM ANALYSIS (WINTER STORMS HIGHLIGHTED YELLOW)

No.	Year	Mon	Day	Hour	Temp (°C)	WS (km/h)	Wgust (km/h)	SRH	CAPE	Prec	Prec Rate	EHI
1	2000	1	11	13	2.6	17.5	41.1	90.6	0.0	0.0	0.0	0.000
2	2000	3	29	15	5.1	35.3	50.1	135.2	13.8	0.0	0.0	0.012
3	2000	4	21	23	12.3	6.1	7.7	64.4	18.4	0.1	0.1	0.007
4	2000	5	10	24	14.4	26.1	37.5	3.9	14.5	0.0	0.0	0.000
5	2000	5	11	1	9.0	15.4	34.1	99.2	0.0	0.0	0.0	0.000
6	2000	5	13	19	22.8	29.3	51.7	62.0	0.0	0.0	0.0	0.000
7	2000	5	14	1	12.3	22.7	42.1	35.4	0.0	0.0	0.0	0.000
8	2000	5	19	6	6.6	19.4	24.3	220.0	0.0	1.3	0.0	0.000
9	2000	5	25	17	17.8	30.0	49.0	85.6	44.0	0.0	0.0	0.024
10	2000	6	1	15	24.1	5.6	6.7	71.9	0.0	0.0	0.0	0.000
11	2000	6	2	23	15.2	30.8	51.9	3.8	0.6	0.0	0.0	0.000
12	2000	6	3	4	11.2	30.5	46.2	115.4	8.6	0.0	0.0	0.006
13	2000	6	10	22	32.7	28.4	52.7	107.3	1558.6	0.0	0.0	1.045
14	2000	6	11	2	23.4	15.1	47.9	313.7	0.0	0.0	0.0	0.000
15	2000	6	15	22	26.1	20.1	39.4	62.4	1532.8	0.0	0.0	0.598
16	2000	6	26	21	28.9	19.6	28.3	69.2	1226.2	0.0	0.0	0.530
17	2000	6	27	1	23.0	6.4	14.7	123.4	192.9	0.0	0.0	0.149
18	2000	6	30	24	23.3	17.6	28.1	84.4	891.8	0.0	0.0	0.470
19	2000	7	1	2	17.2	9.6	32.1	186.3	568.1	0.0	0.0	0.661
20	2000	7	14	15	28.2	17.8	26.4	128.5	2683.0	0.0	0.0	2.155
21	2000	7	15	18	20.2	8.3	6.5	9.8	1096.8	0.9	0.8	0.067
22	2000	8	2	13	23.2	16.3	24.8	16.0	786.7	0.0	0.0	0.079
23	2000	8	23	17	27.2	8.2	25.9	50.8	2537.1	0.0	0.0	0.806
24	2000	8	24	1	19.7	8.6	21.2	52.6	92.3	0.0	0.0	0.030
25	2000	9	3	15	19.0	9.7	12.3	94.1	2.8	0.1	0.0	0.002
26	2000	9	23	21	21.7	25.8	49.5	170.2	915.1	0.6	0.1	0.973
27	2000	9	24	10	10.6	20.7	36.6	190.1	0.8	0.0	0.0	0.001
28	2000	12	13	3	-12.2	4.3	9.5	69.0	0.0	0.0	0.0	0.000
29	2000	12	5	21	-2.8	37.9	51.8	-5.9	115.8	0.6	0.0	-0.004
30	2000	12	12	9	-7.6	37.4	51.8	647.0	0.3	2.7	0.1	0.001
31	2000	12	17	23	0.6	36.3	49.7	154.3	1.2	0.3	0.0	0.001
32	2000	12	18	3	-2.6	42.2	60.9	283.4	0.1	0.3	0.2	0.000

1	2001	1	3	19	-4.7	29.3	56.1	165.2	3.6	0.0	0.0	0.004
2	2001	1	5	9	-3.3	29.5	56.2	354.5	0.5	0.4	0.2	0.001
3	2001	2	9	7	0.1	15.0	47.1	582.8	0.0	0.6	0.2	0.000
4	2001	2	10	3	9.5	30.2	69.1	168.2	0.9	1.3	0.5	0.001
5	2001	2	25	12	0.6	19.8	61.5	802.7	0.9	5.5	1.3	0.005
6	2001	2	26	7	0.2	31.1	64.5	133.2	55.8	0.1	0.0	0.046
7	2001	3	6	11	12.0	-5.7	31.2	44.5	273.8	0.0	0.5	0.100
8	2001	4	7	22	3.7	23.7	55.9	878.8	0.0	0.3	0.1	0.000
9	2001	4	12	4	8.5	14.4	31.2	324.3	0.7	0.0	0.0	0.001
10	2001	5	27	14	15.8	16.5	30.6	131.9	87.6	0.0	0.0	0.072
11	2001	6	3	2	12.3	7.8	20.5	95.2	12.3	0.0	0.0	0.007
12	2001	6	19	23	30.7	21.4	56.5	84.6	3765.5	0.0	0.0	1.991
13	2001	6	20	1	21.7	13.4	26.4	176.2	142.9	0.0	0.0	0.157
14	2001	6	30	24	27.1	22.2	41.1	130.1	2392.0	0.0	0.1	1.945
15	2001	7	10	22	25.4	18.5	37.3	64.5	474.0	0.0	0.0	0.191
16	2001	7	22	21	28.5	15.4	17.3	75.2	2873.4	0.2	0.0	1.350
17	2001	9	21	21	19.0	18.9	33.1	201.8	13.7	0.0	0.0	0.017
18	2001	10	21	13	10.4	8.2	43.9	270.5	0.0	0.0	0.0	0.000

TORONTO'S FUTURE WEATHER AND CLIMATE DRIVER STUDY – VOLUME 2

1	2002	1	31	18	-5.7	25.3	33.2	780.0	0.1	4.2	0.6	0.000
2	2002	2	1	22	-2.6	18.5	26.9	154.2	29.9	0.1	0.1	0.029
3	2002	2	4	11	-1.7	19.1	25.4	137.6	33.3	0.6	0.2	0.029
4	2002	3	9	22	12.7	31.1	74.8	442.5	2.8	0.8	0.4	0.008
5	2002	3	10	12	-5.1	44.1	74.4	147.8	64.9	0.0	0.0	0.060
6	2002	4	19	1	21.2	10.4	23.0	183.7	1664.7	0.0	0.0	1.911
7	2002	5	9	11	6.7	4.5	13.0	238.0	0.5	0.0	0.0	0.001
8	2002	5	16	21	22.9	26.5	48.1	118.9	1129.8	0.0	0.0	0.840
9	2002	5	31	15	26.6	37.5	59.1	149.6	2437.2	0.0	0.0	2.279
10	2002	6	15	16	19.5	8.2	15.8	34.6	942.9	0.0	0.0	0.204
11	2002	6	21	17	31.1	16.2	20.1	88.7	3046.1	0.0	0.0	1.689
12	2002	6	26	20	25.1	19.2	32.6	86.6	1565.9	2.3	0.0	0.848
13	2002	6	27	15	23.7	26.0	36.0	150.5	1692.5	0.6	0.7	1.592
14	2002	7	18	15	25.1	5.0	7.6	54.2	564.9	0.0	0.0	0.191
15	2002	7	21	24	28.8	19.6	38.5	206.7	468.4	0.0	0.0	0.605
16	2002	7	22	20	33.7	28.7	44.8	46.5	3454.2	0.0	0.0	1.004
17	2002	7	27	18	29.9	19.6	19.6	115.1	1453.9	0.0	0.0	1.046
18	2002	7	28	9	21.6	4.1	4.6	236.5	292.6	9.5	0.7	0.432
19	2002	9	14	23	25.4	26.7	38.8	130.7	1765.4	0.0	0.0	1.442
20	2002	9	15	2	21.3	10.5	41.8	148.9	852.2	0.0	0.0	0.793
21	2002	9	15	3	20.9	9.7	41.8	138.7	710.1	0.0	0.0	0.616
22	2002	9	20	23	26.8	15.7	34.5	183.6	1098.9	0.0	0.0	1.261
23	2002	9	22	17	24.5	17.6	20.2	62.0	463.6	0.0	0.0	0.180
24	2002	10	2	1	22.2	16.6	41.2	191.9	880.4	0.0	0.0	1.056
25	2002	10	2	2	21.7	14.2	37.5	162.8	866.0	0.0	0.0	0.881
26	2002	11	10	21	17.7	24.7	51.0	133.9	346.7	0.0	0.0	0.290

1	2003	1	13	14	-5.0	32.9	65.1	184.9	6.8	0.1	0.0	0.008
2	2003	2	4	3	-1.8	23.3	48.2	503.9	0.1	0.7	0.2	0.000
3	2003	2	23	15	-13.1	41.3	54.1	134.1	0.3	0.3	0.0	0.000
4	2003	4	20	21	19.3	14.8	36.3	196.2	0.0	0.0	0.0	0.000
5	2003	5	1	19	22.9	26.4	47.2	148.7	1382.1	0.1	0.1	1.284
6	2003	5	5	22	7.9	23.4	37.0	353.9	8.9	0.3	0.1	0.020
7	2003	5	11	8	10.6	8.3	21.3	245.8	0.0	0.0	0.0	0.000
8	2003	5	27	13	13.9	6.8	5.7	15.7	2.5	0.0	0.0	0.000
9	2003	5	29	16	23.5	12.1	22.8	122.0	518.0	0.0	0.0	0.395
10	2003	6	4	17	16.0	26.9	47.7	220.0	0.0	0.0	0.0	0.000
11	2003	6	8	20	22.4	17.2	22.2	112.1	54.2	0.0	0.0	0.038
12	2003	6	29	19	25.8	11.5	33.5	92.1	2938.7	5.2	0.0	1.692
13	2003	7	7	6	21.9	5.2	16.9	38.9	459.6	0.0	0.0	0.112
14	2003	7	15	22	28.3	26.6	54.3	341.2	652.9	0.0	0.0	1.392
15	2003	7	22	17	22.8	6.4	8.7	14.7	779.2	0.1	0.1	0.072
16	2003	7	24	20	26.1	18.5	23.9	-1.1	986.4	0.0	0.0	-0.007
17	2003	8	4	15	23.5	11.6	21.2	26.4	763.3	0.0	0.0	0.126
18	2003	8	6	19	23.7	16.0	18.1	40.5	2105.6	1.8	5.8	0.533
19	2003	8	7	21	24.9	12.9	10.2	22.6	1644.8	0.2	0.3	0.232
20	2003	8	10	14	25.8	13.0	16.7	26.3	597.2	0.0	0.0	0.098
21	2003	8	16	9	20.5	9.1	27.8	76.2	384.6	0.0	0.0	0.183
22	2003	8	21	23	29.7	28.0	42.1	92.6	1569.5	0.0	0.0	0.908
23	2003	8	26	18	31.3	28.8	40.3	121.5	1924.0	0.0	0.0	1.461
24	2003	8	26	19	30.8	28.4	45.5	148.9	2294.4	0.0	0.0	2.135
25	2003	11	12	22	7.9	10.4	33.2	299.7	0.8	0.0	0.0	0.001
26	2003	11	13	18	1.6	50.2	78.8	264.3	32.1	0.8	0.1	0.053
27	2003	11	28	15	3.9	13.7	18.1	319.5	0.2	1.7	0.6	0.000
28	2003	11	29	6	-0.5	34.0	51.1	-6.3	7.2	0.5	0.1	0.000
29	2003	11	30	6	-0.3	30.3	55.7	360.2	0.0	0.0	0.0	0.000
30	2003	12	1	16	2.0	40.7	54.9	60.4	96.5	0.0	0.0	0.036

TORONTO'S FUTURE WEATHER AND CLIMATE DRIVER STUDY – VOLUME 2

1	2004	1	13	16	-7.0	30.9	61.5	149.8	31.3	0.1	0.0	0.029
2	2004	1	30	18	-8.4	27.0	34.7	63.7	23.2	0.1	0.0	0.009
3	2004	4	18	11	9.7	11.9	28.4	238.5	0.0	0.0	0.0	0.000
4	2004	5	10	17	26.1	16.9	43.8	198.6	1984.3	0.0	0.0	2.463
5	2004	5	18	16	24.7	28.9	56.8	179.3	2402.9	0.0	0.0	2.693
6	2004	5	22	20	14.7	14.1	39.3	430.3	0.3	0.2	0.0	0.001
7	2004	5	23	17	12.2	17.7	23.1	369.8	2.5	0.8	0.0	0.006
8	2004	6	1	20	24.0	35.8	43.6	-17.0	778.8	0.0	0.0	-0.083
9	2004	6	13	24	18.6	11.4	32.2	184.4	0.0	0.0	0.0	0.000
10	2004	6	14	1	21.2	11.6	26.7	277.2	346.1	0.0	0.0	0.600
11	2004	7	4	18	29.0	27.5	41.7	103.8	681.8	0.0	0.0	0.442
12	2004	7	7	20	23.6	8.5	24.1	71.6	1230.2	0.1	0.0	0.551
13	2004	7	14	2	22.4	7.2	16.6	100.8	1466.2	0.0	0.0	0.924
14	2004	7	19	17	26.5	8.8	9.5	22.6	1859.4	0.0	0.0	0.263
15	2004	7	20	14	26.3	13.0	18.5	63.8	1554.0	0.0	0.0	0.620
16	2004	8	3	5	21.5	10.5	34.2	48.5	663.7	0.0	0.0	0.201
17	2004	8	10	15	24.9	21.8	37.3	133.2	3073.9	0.0	0.0	2.559
18	2004	8	27	14	26.0	20.8	28.4	184.0	518.8	0.0	0.0	0.597
19	2004	11	5	21	5.0	13.7	29.2	341.3	0.7	3.2	0.7	0.001
20	2004	11	28	8	5.5	17.2	57.3	409.4	1.0	2.5	1.4	0.003
21	2004	12	1	9	4.2	22.1	37.1	390.1	0.5	4.9	1.5	0.001
22	2004	12	7	18	0.9	32.6	51.7	567.1	0.1	2.4	0.9	0.000
23	2004	12	8	15	4.3	30.5	49.8	77.2	5.2	0.0	0.0	0.003
24	2004	12	13	21	-2.0	31.3	40.9	32.1	4.8	0.0	0.0	0.001
25	2004	12	16	2	-3.2	22.3	50.1	303.6	0.0	0.0	0.0	0.000

1	2005	1	12	19	-0.2	10.6	16.7	346.7	0.3	0.3	0.2	0.001
2	2005	1	13	5	5.4	10.2	50.1	339.7	3.2	0.1	0.0	0.007
3	2005	2	4	12	-4.0	6.1	6.8	67.4	0.0	0.0	0.0	0.000
4	2005	2	14	24	-2.7	8.9	14.0	20.7	18.1	0.2	0.1	0.002
5	2005	3	31	16	9.1	14.6	39.1	367.6	0.0	0.2	0.4	0.000
6	2005	5	13	23	11.1	24.9	45.6	750.2	0.0	0.0	0.0	0.000
7	2005	6	13	17	30.8	19.6	20.2	72.5	1409.4	0.0	0.0	0.639
8	2005	6	14	18	31.7	17.8	34.5	47.0	1507.0	0.0	0.0	0.443
9	2005	6	14	22	30.4	19.9	36.3	81.4	2538.9	0.0	0.0	1.292
10	2005	6	29	15	28.2	9.4	12.6	3.1	1067.3	0.0	0.0	0.021
11	2005	6	29	23	28.5	23.6	15.8	90.0	2172.6	0.0	0.0	1.222
12	2005	7	4	19	30.8	26.6	36.2	103.4	2471.8	0.0	0.0	1.597
13	2005	7	14	18	32.0	20.0	15.6	58.4	2957.0	0.0	0.1	1.079
14	2005	7	26	17	33.6	33.7	56.2	185.3	3493.2	0.0	0.0	4.046
15	2005	8	2	17	32.4	14.4	34.2	110.3	2563.4	0.0	0.0	1.767
16	2005	8	10	19	32.6	30.3	34.4	58.3	1472.9	0.0	0.0	0.537
17	2005	8	19	20	26.7	20.3	37.9	212.3	1106.0	0.1	0.0	1.468
18	2005	9	8	8	16.8	5.0	15.8	62.2	9.2	0.0	0.0	0.004
19	2005	9	22	21	25.8	25.6	37.6	195.4	184.5	0.0	0.0	0.225
20	2005	10	19	11	7.4	6.1	17.2	354.3	0.0	0.0	0.0	0.000
21	2005	11	6	9	9.8	26.6	50.1	457.6	0.4	0.4	0.1	0.001
22	2005	11	7	24	10.0	17.6	38.6	381.7	0.0	0.0	0.0	0.000
23	2005	11	8	1	8.7	7.2	46.1	480.9	0.0	0.0	0.0	0.000
24	2005	11	9	14	5.0	22.2	56.8	997.9	0.3	5.9	1.2	0.002
25	2005	11	10	12	2.7	31.9	58.7	89.7	18.0	0.1	0.0	0.010
26	2005	11	14	1	13.0	30.4	77.8	217.2	1.9	0.0	0.0	0.003
27	2005	11	15	10	5.3	33.5	47.4	793.6	2.9	1.3	0.6	0.014
28	2005	11	16	9	13.6	36.2	69.6	618.2	0.0	4.5	0.5	0.000
29	2005	11	17	21	1.3	29.9	44.0	126.0	6.5	0.1	0.0	0.005
30	2005	11	29	14	10.3	9.7	69.4	432.1	5.2	1.1	0.3	0.014
31	2005	12	9	9	-3.0	16.3	30.8	242.8	0.7	2.0	0.2	0.001

Note: Yellow - Winter Storms

No.	Year	Mon	Day	Hour	Temp (°C)	WS(km/h)	Wgust (km/h)	SRH	CAPE	Prec	Prec Rate	EHI
1	2006	1	14	11	0.6	39.7	40.2	208.4	0.6	0.2	0.0	0.001
2	2006	1	17	21	-0.3	30.6	54.1	534.0	0.1	1.4	0.6	0.000
3	2006	1	18	7	1.9	14.3	44.6	355.5	1.2	1.1	0.7	0.003
4	2006	2	4	21	1.9	30.4	55.3	880.5	0.0	1.7	0.6	0.000
5	2006	2	5	2	0.6	24.1	44.6	511.3	0.1	1.5	0.6	0.000
6	2006	2	6	24	-3.6	26.6	52.7	170.1	18.5	0.8	0.0	0.020
7	2006	2	7	1	-2.9	28.9	59.9	167.7	12.6	0.0	0.0	0.013
8	2006	2	16	23	0.5	15.0	50.5	551.5	0.0	1.9	0.8	0.000
9	2006	2	17	7	7.0	33.9	65.9	634.3	1.2	3.7	1.6	0.005
10	2006	3	13	11	1.8	28.6	52.9	1035.7	0.0	2.2	1.8	0.000
11	2006	3	14	6	4.7	30.4	65.1	119.7	8.6	0.0	0.0	0.006
12	2006	3	15	13	-1.9	41.5	64.3	139.3	17.9	0.0	0.0	0.016
13	2006	4	3	15	5.6	10.5	34.3	252.0	0.3	0.3	0.0	0.000
14	2006	5	17	16	21.4	18.5	22.2	86.0	967.1	0.0	0.0	0.520
15	2006	6	28	18	23.5	16.5	23.4	46.8	1542.6	0.7	0.0	0.451
16	2006	6	29	14	23.8	12.6	17.8	34.8	1541.2	0.0	0.0	0.335
17	2006	6	30	13	22.2	15.8	27.7	88.5	754.1	0.0	0.0	0.417
18	2006	6	30	16	19.9	11.2	29.5	201.3	947.2	0.1	0.0	1.192
19	2006	7	1	23	27.5	29.2	44.5	229.5	1379.3	0.0	0.0	1.978
20	2006	7	4	7	19.4	7.1	36.1	60.5	251.6	0.0	0.0	0.095
21	2006	7	10	16	22.2	23.0	30.2	98.6	1092.3	0.0	0.0	0.673
22	2006	7	15	2	24.7	6.1	12.3	87.9	221.5	0.0	0.0	0.122
23	2006	7	20	23	22.6	11.1	49.9	654.0	661.0	2.3	0.5	2.702
24	2006	7	23	20	18.5	19.7	11.3	205.1	787.2	0.3	0.5	1.009
25	2006	8	2	22	33.5	29.3	48.4	102.0	3607.8	0.0	0.0	2.300
26	2006	9	8	22	25.4	23.4	36.0	93.7	1549.2	0.0	0.0	0.907
27	2006	10	3	7	11.9	7.9	41.6	118.0	0.0	0.0	0.0	0.000
28	2006	10	4	6	14.6	5.4	20.0	69.4	0.0	0.0	0.0	0.000
29	2006	12	1	17	2.3	32.3	69.8	882.5	2.1	0.4	0.3	0.012

1	2007	2	5	18	-10.4	35.1	50.1	170.9	39.2	0.7	0.0	0.042
2	2007	2	14	5	-13.4	22.2	35.6	348.8	0.9	1.0	0.3	0.002
3	2007	2	25	23	-5.1	29.2	34.5	373.0	0.0	1.4	0.4	0.000
4	2007	3	26	9	1.7	2.9	50.8	364.7	0.7	0.0	0.0	0.002
5	2007	4	3	20	6.1	17.4	26.8	1004.0	0.2	0.0	0.0	0.001
6	2007	4	23	17	22.2	34.9	49.7	116.3	152.6	0.0	0.0	0.111
7	2007	5	27	16	18.5	12.0	43.7	147.7	0.0	0.0	0.0	0.000
8	2007	6	3	20	26.6	17.9	26.3	13.9	647.5	0.0	0.0	0.056
9	2007	6	19	19	29.5	35.3	49.7	106.0	1709.0	0.0	0.0	1.132
10	2007	7	8	11	18.8	13.2	51.1	114.2	0.0	0.0	0.0	0.000
11	2007	7	12	21	25.7	23.1	45.9	70.5	353.5	0.0	0.0	0.156
12	2007	7	18	19	26.3	16.4	15.6	48.0	786.4	0.0	0.0	0.236
13	2007	7	19	19	27.1	23.1	27.3	87.2	1702.8	0.0	0.0	0.928
14	2007	8	3	3	25.3	8.8	32.8	48.5	1593.3	0.0	0.0	0.483
15	2007	8	23	22	32.3	26.1	44.5	224.8	2260.7	0.0	0.0	3.176
16	2007	8	24	3	23.5	6.7	18.5	180.9	403.3	0.0	0.0	0.456
17	2007	9	5	5	16.6	7.7	11.0	173.0	0.0	0.0	0.0	0.000
18	2007	10	6	23	27.4	9.6	22.9	79.9	1091.8	0.0	0.0	0.545
19	2007	10	7	2	21.5	5.3	14.8	72.5	270.6	0.0	0.0	0.123
20	2007	12	16	11	-5.6	35.6	49.2	570.9	2.1	1.6	0.5	0.007

TORONTO'S FUTURE WEATHER AND CLIMATE DRIVER STUDY – VOLUME 2

1	2008	2	6	19	-0.5	23.3	35.7	315.9	2.2	0.1	0.1	0.004
2	2008	2	7	3	-2.8	23.6	40.8	1054.0	6.4	2.3	0.6	0.042
3	2008	3	8	19	-3.5	33.7	42.8	482.2	2.5	0.2	0.2	0.008
4	2008	4	11	23	4.7	22.4	40.0	528.5	0.6	0.1	0.0	0.002
5	2008	5	30	24	17.6	16.3	41.4	510.6	0.0	0.0	0.0	0.000
6	2008	5	31	15	23.3	15.4	29.1	59.0	1587.5	0.0	0.0	0.585
7	2008	6	3	5	14.1	5.4	18.8	49.6	0.0	0.0	0.0	0.000
8	2008	6	9	23	30.1	26.5	38.1	82.0	2251.9	0.0	0.0	1.154
9	2008	6	10	1	24.3	4.7	5.3	104.1	1697.6	0.0	0.0	1.105
10	2008	6	15	15	25.2	13.5	34.7	106.0	1925.8	0.0	0.0	1.276
11	2008	6	23	18	24.9	16.9	22.6	23.9	1456.6	0.0	0.0	0.218
12	2008	7	8	20	31.6	33.4	48.8	122.8	2295.7	0.0	0.0	1.762
13	2008	7	22	20	20.5	7.9	15.9	59.4	803.6	0.4	0.0	0.298
14	2008	7	23	14	21.0	24.6	30.8	88.8	417.8	0.0	0.0	0.232
15	2008	7	26	16	26.1	19.5	28.7	106.3	2270.3	0.0	0.0	1.508
16	2008	8	5	17	28.7	17.3	19.0	88.5	24.8	0.0	0.0	0.014
17	2008	8	7	15	24.6	10.4	17.5	42.3	1457.0	0.0	0.0	0.385
18	2008	8	9	21	18.4	6.3	32.0	135.3	1349.6	3.1	0.4	1.141
19	2008	8	14	19	22.9	4.8	11.0	18.1	1353.6	0.1	0.2	0.153
20	2008	8	15	15	22.7	16.3	14.7	9.6	1386.2	0.0	0.0	0.083
21	2008	8	18	18	30.7	30.4	41.7	101.2	2435.3	0.0	0.0	1.540
22	2008	12	19	17	-6.1	29.0	42.3	559.2	0.6	1.6	0.4	0.002
23	2008	12	21	10	-7.1	25.6	34.4	381.8	0.2	0.6	0.3	0.000
24	2008	12	22	6	-11.1	30.8	48.2	189.9	0.0	0.2	0.0	0.000
25	2008	12	25	21	-5.2	20.3	36.2	476.5	0.1	0.2	0.1	0.000
26	2008	12	31	9	-4.8	23.7	33.7	50.9	5.3	0.6	0.1	0.002

1	2009	1	13	14	-1.3	25.8	40.2	300.4	0.5	0.7	0.2	0.001
2	2009	2	7	21	4.1	35.2	72.7	341.9	0.8	0.1	0.0	0.002
3	2009	2	12	7	6.3	33.2	43.5	322.4	0.2	0.0	0.0	0.000
4	2009	2	20	14	-5.1	34.6	50.3	101.8	11.3	0.0	0.0	0.007
5	2009	2	27	11	5.7	31.1	67.1	791.1	1.0	2.7	0.4	0.005
6	2009	3	5	23	1.3	14.7	48.5	753.0	0.0	0.0	0.0	0.000
7	2009	3	9	6	0.3	31.4	43.7	417.6	0.3	2.5	0.1	0.001
8	2009	4	1	20	12.9	34.6	52.5	49.7	0.0	0.0	0.0	0.000
9	2009	4	25	18	26.2	25.0	50.8	97.1	1294.7	0.0	0.0	0.786
10	2009	5	16	16	20.6	22.1	49.6	144.1	728.2	0.1	0.0	0.656
11	2009	6	8	23	14.1	19.6	32.5	450.5	0.0	0.0	0.0	0.000
12	2009	6	9	2	11.7	19.4	32.0	462.7	0.0	0.0	0.0	0.000
13	2009	6	25	15	29.8	10.5	18.8	92.3	3165.1	0.0	0.0	1.826
14	2009	7	11	10	17.2	5.8	42.4	81.4	0.0	0.0	0.0	0.000
15	2009	7	24	16	24.3	14.3	15.7	5.8	1291.2	0.0	0.0	0.047
16	2009	7	26	17	25.4	28.4	38.7	47.6	1428.9	0.0	0.0	0.425
17	2009	7	29	9	18.4	5.2	7.8	99.3	259.5	0.0	0.0	0.161
18	2009	8	4	16	27.6	24.9	42.0	139.4	1761.5	0.0	0.0	1.535
19	2009	8	9	21	31.8	26.8	49.7	157.3	3847.4	0.0	0.0	3.782
20	2009	8	10	5	23.6	11.9	36.8	87.9	1731.1	0.0	0.0	0.951
21	2009	8	11	15	26.7	4.5	10.0	48.0	551.6	0.0	0.0	0.165
22	2009	8	12	14	24.5	6.4	11.2	6.8	718.9	0.0	0.0	0.031
23	2009	8	20	18	30.1	26.5	36.9	169.2	2189.5	0.0	0.0	2.315
24	2009	8	22	18	19.8	14.8	19.2	54.0	455.0	0.5	0.6	0.154
25	2009	8	29	3	16.9	22.6	35.9	226.6	1.5	0.1	0.0	0.002
26	2009	10	2	21	11.6	26.2	47.9	617.2	7.9	4.4	0.9	0.030
27	2009	10	23	18	4.8	30.2	46.1	676.7	2.0	0.4	0.3	0.008
28	2009	11	25	23	9.2	22.5	40.9	106.4	17.6	0.0	0.0	0.012
29	2009	12	3	4	6.1	25.9	63.2	754.3	0.6	1.5	0.7	0.003
30	2009	12	9	12	0.1	42.9	72.7	1171.0	1.0	5.1	0.7	0.007
31	2009	12	13	15	-0.1	17.9	51.8	381.4	0.6	1.4	0.8	0.001
32	2009	12	26	2	2.5	31.9	72.9	1072.5	0.4	1.6	0.7	0.003
33	2009	12	29	5	-10.0	34.2	58.3	56.3	5.7	0.2	0.0	0.002

Note: Yellow - Winter Storms

2.1 WINTER STORMS - BASED ONLY ON BLOWING SNOW

No.	Year	Mon	Day	Hour	Temp (°C)	(C) Ws(km/h)	Wgust (km/h)	SRH	CAPE	Prec	Precr	EHI
1	2000	12	13	9	-12.8	3.5	6.4	161.8	0.0	0.0	0.0	0.000
2	2001	1	5	9	-3.3	29.5	56.2	354.5	0.5	0.4	0.2	0.001
3	2001	3	6	11	-5.7	31.8	43.4	237.8	0.0	0.4	0.1	0.000
4	2002	2	4	11	-1.7	19.1	25.4	137.6	33.3	0.6	0.2	0.029
5	2002	3	10	3	0.0	47.8	87.5	-31.3	18.9	0.0	0.0	-0.004
6	2003	1	13	9	-5.7	22.9	46.1	425.6	0.0	0.0	0.0	0.000
7	2003	2	4	18	-1.4	36.1	59.9	18.8	55.7	0.0	0.0	0.007
8	2004	1	30	23	-9.2	25.6	46.0	143.1	3.2	0.0	0.0	0.003
9	2005	1	22	24	-14.1	29.2	40.7	68.4	0.0	0.5	0.1	0.000
10	2005	1	23	1	-15.8	35.0	42.3	15.4	0.9	0.0	0.0	0.000
11	2005	12	9	9	-3.0	16.3	30.8	242.8	0.7	2.0	0.2	0.001
12	2007	2	5	18	-10.4	35.1	50.1	170.9	39.2	0.7	0.0	0.042
13	2007	2	14	19	-9.8	24.7	34.6	-0.8	5.3	0.1	0.0	0.000
14	2007	2	25	20	-4.3	25.8	41.2	231.9	0.0	0.0	0.0	0.000
15	2007	12	16	17	-6.6	23.4	18.3	393.9	1.9	3.4	1.1	0.000
16	2008	2	7	1	-2.5	25.2	45.8	674.7	3.8	0.0	0.2	0.016
17	2008	3	8	19	-3.5	33.7	42.8	482.2	2.5	0.2	0.2	0.008
18	2008	12	19	17	-6.1	29.0	42.3	559.2	0.6	1.6	0.4	0.002
19	2008	12	21	24	-8.8	38.8	50.5	337.4	0.0	0.0	0.0	0.000
20	2008	12	22	2	-10.7	39.1	55.4	192.6	0.0	0.0	0.0	0.000
21	2008	12	25	3	-10.1	11.3	30.0	144.3	0.0	0.0	0.0	0.000
22	2008	12	31	5	-3.3	11.9	16.9	97.3	16.6	0.6	0.1	0.010

APPENDIX A

ASSESSMENT OF THE SEVERE WEATHER ENVIRONMENT IN NORTH AMERICA SIMULATED BY A GLOBAL CLIMATE MODEL

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1. INTRODUCTION

The accuracy of climate change predictions hinges on the understanding of current climatologies and the correct simulation of current climatologies by climate models. Severe convective weather events (thunderstorms, hail, tornadoes, etc.) are relatively rare atmospheric phenomena due to their very small temporal and spatial scales. Consequently, assessing climatologies of actual severe convective weather events is difficult. Inconsistencies in reporting criteria and improvements in the technology used to observe severe weather make the problem of developing reliable long-term climatologies of severe weather events nearly impossible. Brown and Murphy (1996) and Brooks *et al.* (2003) proposed the use of covariates that represent the severe weather environment as proxies for the occurrence of weather events that could not be accurately quantified. Environmental conditions conducive to the occurrence of severe weather can be quantified from meteorological soundings in terms of the convective available potential energy (CAPE) and vertical shear of the horizontal wind. In each of the studies, extreme values of the covariates were closely related to the average occurrence of severe weather. In the context of establishing climatologies of severe convective weather events, the problem is transformed from trying to assess an inherently inadequate database of observed severe convective weather events to trying to establish a relationship between better observed environmental conditions and the original events in question. Previously, it has been shown that most convective parameters derived from reanalysis data are qualitatively similar to convective parameters derived from observed soundings (Lee 2002). Brooks *et al.* (2003) calculated CAPE values using the mixed layer within the lowest 100 hPa of the atmosphere and shear values over the 0-6 km range. They concluded that the higher the CAPE and shear, the greater the probability became that the environmental conditions would be associated with severe convective weather. This is consistent with the results of Rasmussen and Blanchard (1998) using observed environmental parameters from neighboring meteorological soundings. Currently, global climate models are incapable of resolving actual severe weather events as these events occur at scales are well below the horizontal resolution within the models. As a result, assessing the distribution of severe weather within a global climate model is limited to assessing environments associated with severe convective weather. This project evaluates how well a modern global climate model represents the severe weather environment and, in turn, if the severe weather environments of modern global climate models can be used as a covariate for estimating future distributions of observed severe weather events. Preliminary results are presented from an investigation of the ability of the NCAR Community Climate System Model 3 (CCSM3) to simulate severe convective weather environments. The model severe weather environments are compared with the severe weather environments from global reanalysis data discussed in Brooks *et al.* (2003). This will serve as the basis for future analysis aimed at describing changes in the severe weather environment under different future climate change scenarios. The following sections include a brief description of the CCSM3 model as well as a concise discussion of the severe weather environment from the global reanalysis data. Then attention turns to presenting early results from analyzing one year of CCSM3 output followed by preliminary conclusions.

2. DESCRIPTION OF THE CLIMATE MODEL

The CCSM3 is a coupled global climate model consisting of atmosphere, land surface, sea-ice, and ocean component (Collins *et al.*, 2006). Each component is a model in itself joined together through a flux coupler. For this particular study a control run (b30.030e) with greenhouse gases

held constant was chosen in an effort to assess how well climate models can simulate current severe weather environments. The atmospheric portion of the CCSM3, the Community Atmospheric Model (CAM3), is a spectral model with 85-wavenumber triangular truncation (approximately 1.4 degree) in the horizontal with 26 terrain following hybrid levels in the vertical (Collins *et al.*, 2006). Specifically, CAM3 vertical resolution contains 4 levels below 850 hPa and 13 levels below 200 hPa. CAM3 output fields are archived every 6 hours. Fields used in calculating CAPE are the 3-dimensional fields of temperature (T), mixing ratio (Q), geopotential height (Z3) and pressure (P). Additionally, surface geopotential and surface pressure are necessary but can be taken from the lowest level of the corresponding vertical fields. It should be noted that in calculating the CAPE fields the model data was used on its own vertical grid and not interpolated.

3. REANALYSIS OBSERVATIONS

The premise behind the reanalysis dataset is to create a best representation of the atmosphere for every 6 hours by:

1. Recover all available observations from each time and synthesize them with a static data assimilation system.
2. Use observational fields to initialize a model for a 6 hour forecast. This global reanalysis model used was identical to the NCEP global operational model except that the horizontal resolution was half that of the operational model.
3. Use the forecast as a first-guess in conjunction with concurrent observational fields. This constituted the reanalysis output data. An optimal interpolation technique was used to generate the reanalysis fields.
4. Repeat process every 6 hours.

The resolution of the global reanalysis dataset is 1.875° in the longitude, 1.915° in the latitude, and 28 σ levels (σ is defined as pressure divided by surface pressure) in the vertical of which 10 σ levels are located between the surface and 700 hPa (Brooks *et al.*, 2003). The resolution of the reanalysis data is roughly that of the CCSM3 model output. The atmospheric parameters necessary for construction of a sounding were derived from the six available global reanalysis fields: surface geopotential, virtual temperature, specific humidity, divergence, and vorticity. The mixed layer CAPE taken from the reanalysis data was averaged over all times for each season: Winter (December, January, February), Spring (March, April, May), Summer (June, July, August), and Autumn (September, October, November) for the region 25°N to 50°N and 135°W to 65°W. The overall distribution of CAPE for all times (1958-1999) is bimodal with a subtle peak between 25 and 50 J/kg and a more substantial peak between 400 and 650 J/kg. The distribution is characterized by a rapid increase in occurrence of a given CAPE value up to the first peak with a slight drop off before continuing with an even steeper climb to the overall peak. Frequency of CAPE values above the peak drops off extremely quickly.

4. GLOBAL CLIMATE MODEL ANALYSIS

The CAM3 archived output does not include the CAPE field. To produce the CAM3 CAPE field, the NCAR Command Language (NCL) rip_cape_3d routine was used. This routine takes arrays ordered top to bottom of pressure, temperature, geopotential height and mixing ratio as well as arrays of surface pressure and surface geopotential. Since the CAM3 uses hybrid levels

in the vertical a separate NCL routine was used to convert the hybrid pressure levels to true pressure levels needed for the pressure level array in the rip_cape_3d routine. For this paper a single year was chosen and CAPE values are once again averaged for all times over each season in the region extending from 25°N to 50°N and 135°W to 65°W. It is very important to point out that while the reanalysis CAPE observations were computed using a mixed layer of the lowest 100 hPa that the global climate model's CAPE field is calculated using the maximum CAPE value.

The overall distribution of CAPE for one year at all times is also bimodal with a subtle peak between 40 and 65 J/kg and a more substantial peak between 650 and 1000 J/kg. The distribution is characterized by a gradual increase in occurrence of a given CAPE value up to the first peak with a slight drop off before continuing with a steep climb to the overall peak. Frequency of CAPE values above the peak also drops off extremely quickly.

5. PRELIMINARY RESULTS

The average CAPE field derived from the CAM3 model output qualitatively agrees with the CAPE field derived from the reanalysis data. In winter and spring the CAM3 CAPE field is roughly collocated with the reanalysis data albeit with values a little higher. In summer and autumn the CAM3 and the global reanalysis produce highest values of CAPE in the southeastern United States along with lesser values in the southwest United States. Of substantial interest is the lack of CAPE values in the CAM3 output over the central plains of the United States during the summer. When looking at time series of CAPE values for the summer it becomes apparent that the model does not produce CAPE on a day to day basis in the central plains; however, the CAM3 does produce CAPE when synoptic scale disturbances move across the plains. It is too early to speculate as to the reason for the lack of CAPE, but of primary interest is the lack of moisture in the central portion of the United States.

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FIGURE 1. CAPE values averaged over all times for December through February using global reanalysis data (top) and CAM3 global climate model output (bottom).

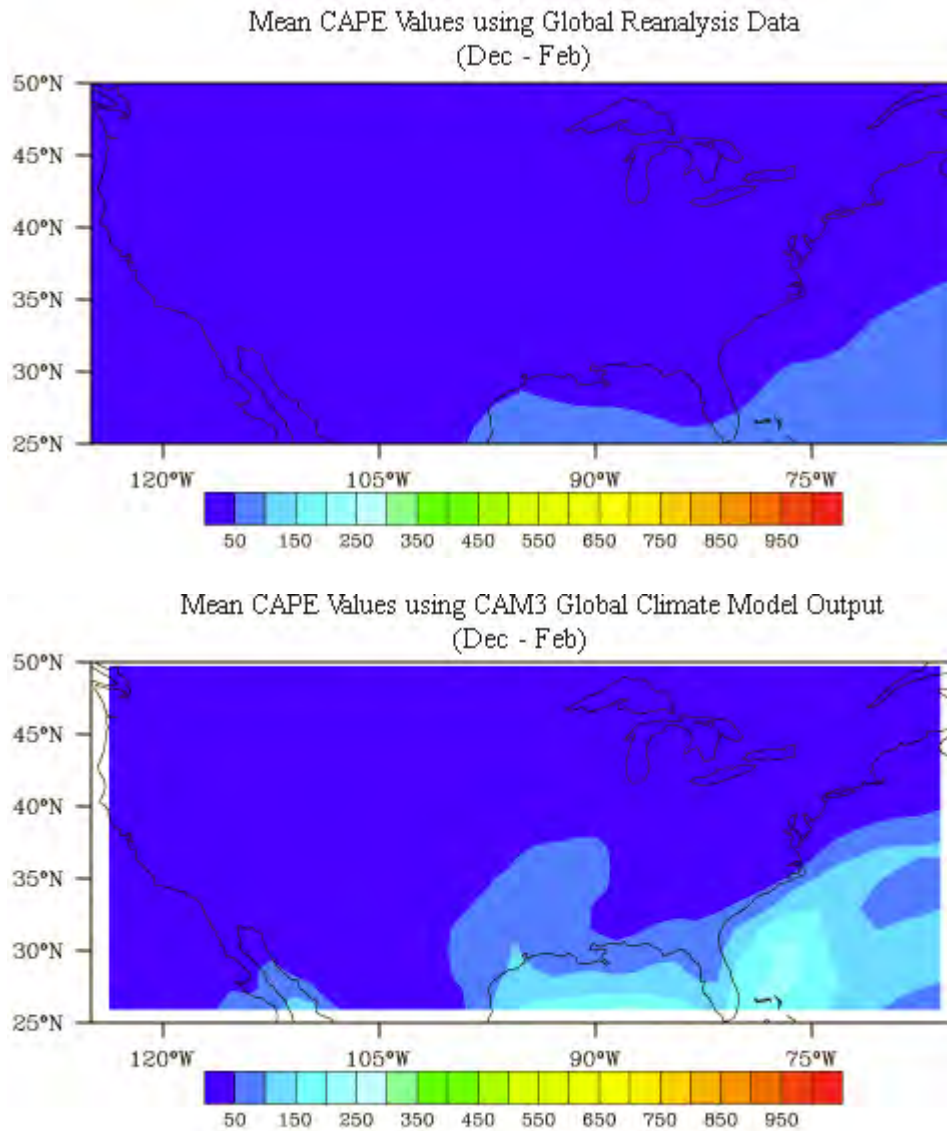


FIGURE 2. CAPE values averaged over all times for March through May using global reanalysis data (top) and CAM3 global climate model output (bottom).

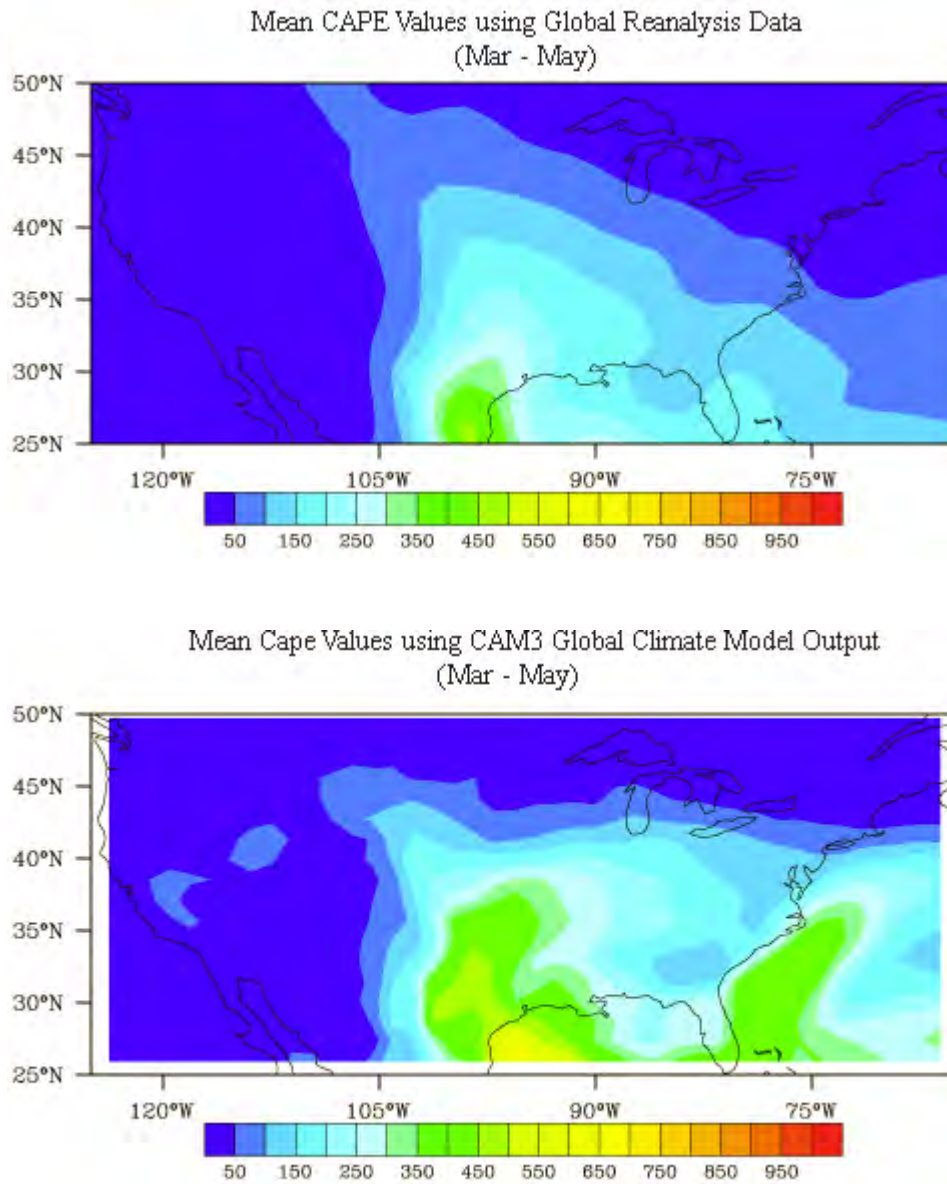


FIGURE 3. CAPE values averaged over all times for June through August using the global reanalysis data (top) and the CAM3 global climate model output (bottom).

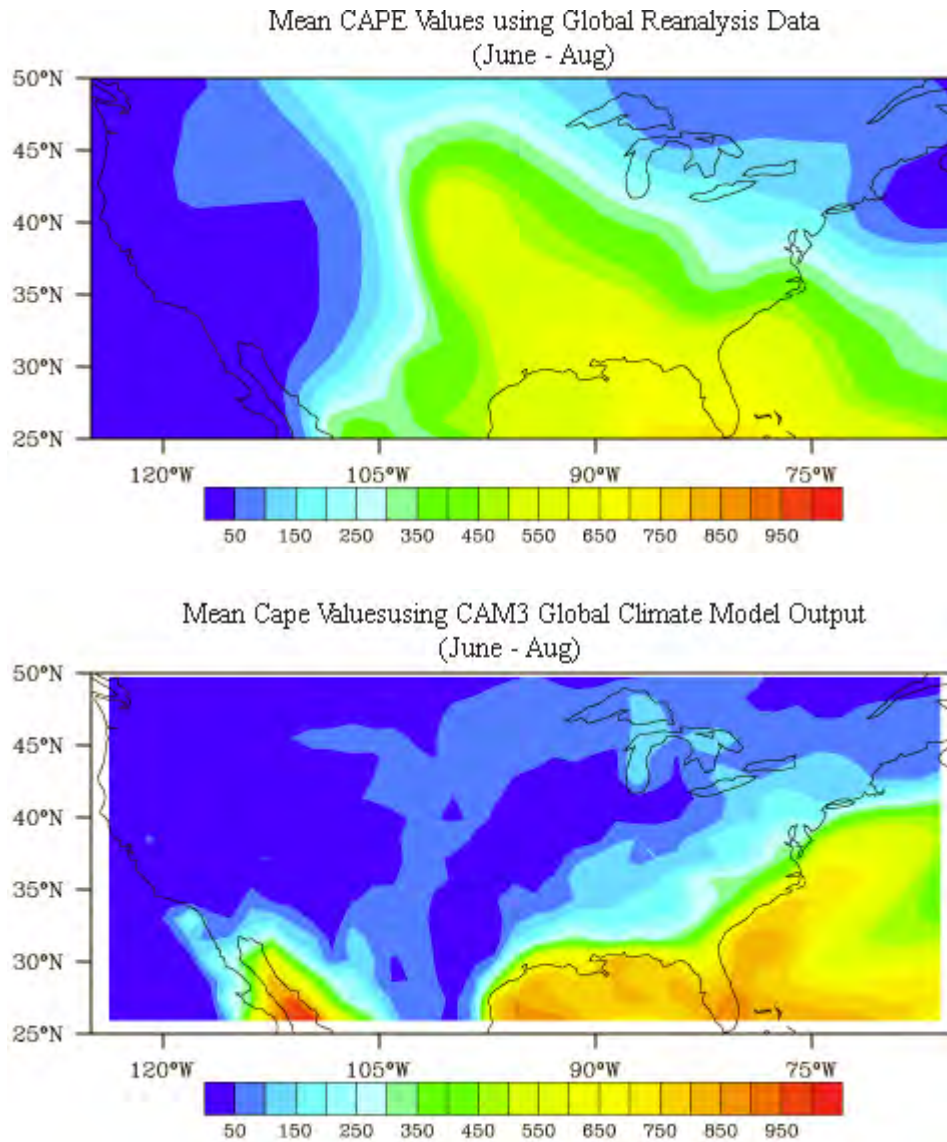


FIGURE 4. CAPE values averaged over all times for September through October using the global reanalysis data (top) and the CAM3 global climate model output (bottom).

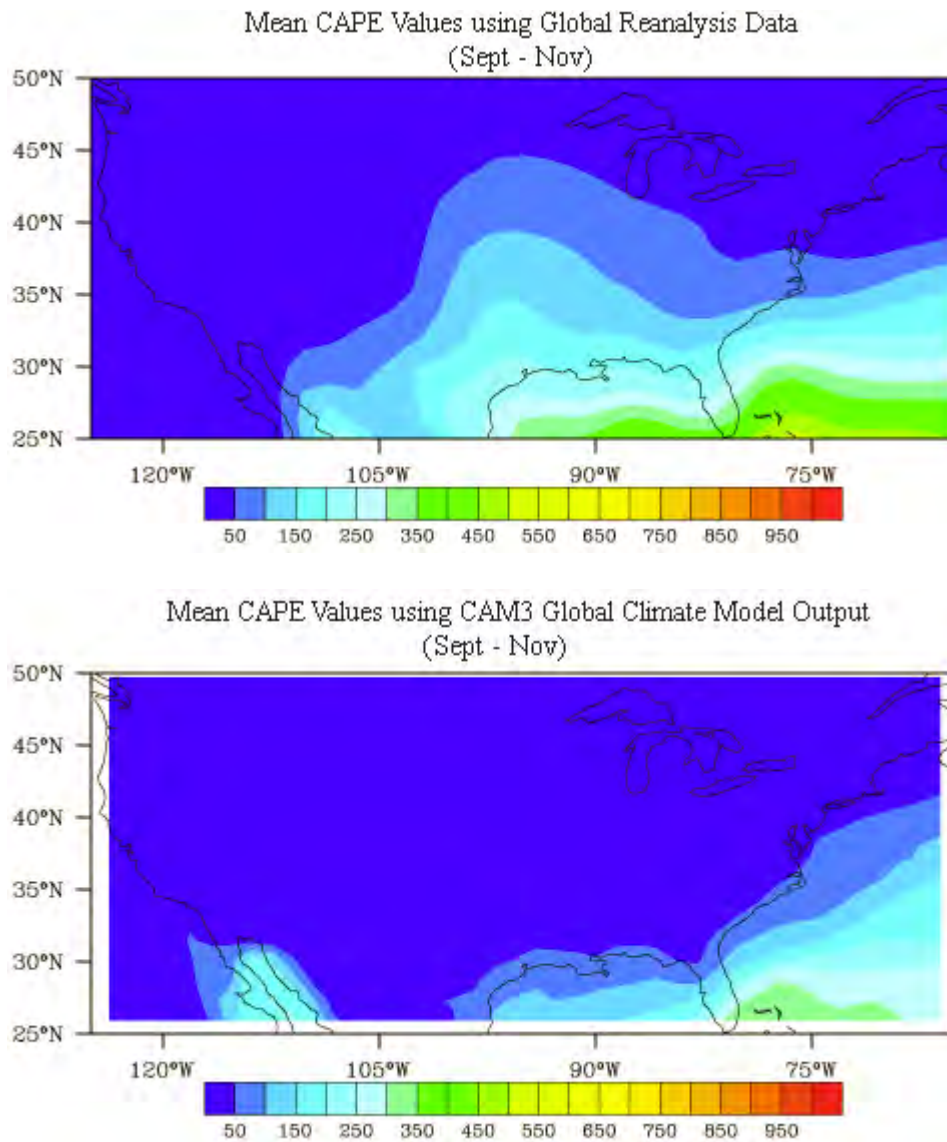


FIGURE 5. (Top) Distribution of all CAPE values between 1958 and 1999 using global reanalysis data. (Bottom) Distribution of all CAPE values for one year using CAM3 global model output.

