

**TORONTO EAST YORK WEATHER 2015**

Davis Vantage Pro2 with Fan-Aspirated Radiation Shield	CWOP (MADIS) ID: DW0132 (D0132)	CWOP (MADIS) ID: DW0132 (D0132)
Latitude: N° 43 42.876		
Longitude: W° 079 21.476		
Altitude: 134 m (440 feet)		

Temperature (°C)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Mean	-6.5	-11.2	-0.8	8.3	16.8	18.5	22.7	21.7	20.4	10.6	7.3	4.9	9.4
Average Daily Maximum	-2.0	-6.9	3.5	13.6	23.3	23.6	28.8	27.0	25.7	14.9	11.6	7.7	14.2
Average Daily Minimum	-11.0	-15.5	-5.1	3.0	10.4	13.4	16.5	16.5	15.0	6.2	3.0	2.0	4.6
Median Time of Occurrence of Daily Maximum	14:15	14:49	16:12	15:45	14:54	15:11	16:22	16:28	15:25	15:19	13:32	13:25	15:08
Median Time of Occurrence of Daily Minimum	2:00	1:01	6:06	5:44	4:44	3:51	6:24	6:24	7:14	4:31	1:38	5:36	4:36
Extreme High Daily Mean	3.0	-4.2	6.0	15.3	25.0	23.4	27.3	27.7	29.1	19.1	15.8	10.7	29.1
Extreme Low Daily Mean	-15.2	-21.85	-11.2	0.8	9.2	12.5	17.7	17.3	13.0	3.5	-1.1	-3.3	-21.9
Extreme High Daily Maximum	5.5	-0.9	10.2	22.5	30.6	29.4	34.9	33.8	35.6	25.0	22.1	14.8	35.6
Extreme High Daily Minimum	0.4	-6.7	1.8	8.1	19.4	17.6	21.5	21.5	23.1	14.3	9.9	6.6	23.1
Extreme Low Daily Maximum	-10.5	-18.3	-7.5	3.1	11.1	15.9	19.8	20.8	15.2	7.2	2.9	-0.7	-18.3
Extreme Low Daily Minimum	-19.8	-25.4	-14.9	-2.5	2.5	7.6	11.6	11.5	8.2	-1.2	-5.1	-6.5	-25.4
Largest Daily Temperature Range	19.9	16.3	12.3	16.7	19.4	16.5	17.1	14.8	16.5	16.4	14.0	9.1	19.9
Smallest Daily Temperature Range	4.7	3.7	3.7	2.5	3.8	3.3	4.2	5.6	4.4	4.2	4.4	1.4	1.4

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Apparent Temperature	January	February	March	April	May	June	July	August	September	October	November	December	Year
Extreme Daily Maximum Humidex	3.7	-3.7	9.1	24.4	37.4	37.2	43.5	43.9	45.4	26.7	26.1	16.7	45.4
Extreme Daily Minimum Windchill	-27.6	-37.6	-22.1	-5.6	0.1	7.5	11	11.5	7.1	-2.7	-6.2	-10.0	-37.6
Extreme Daily Maximum THSW Index	5.2	3.7	17.1	28.8	38.1	37.7	44.7	45.1	47	29.6	26.6	17.9	47.0
Extreme Daily Minimum THSW Index	-30.3	-39.9	-24.7	-7.2	-1.4	5.9	9.5	10.2	5.1	-5.1	-8.3	-12.3	-39.9

Degree Days	January	February	March	April	May	June	July	August	September	October	November	December	Year
Heating Degree Days	759.5	817.3	582.4	281.5	78.4	31.4	0.3	0.8	23.4	231.2	322.1	406.7	3534.7
Cooling Degree Days	0.0	0.0	0.0	0.0	42.7	47.5	145.6	117.0	95.0	1.4	0.0	0.0	449.1

Wind (km/h)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Wind	6.0	5.5	5.3	4.5	4.0	2.7	3.6	3.2	2.7	3.8	3.9	3.9	4.1
Highest Average Daily Wind	13.2	12.7	13.2	9.8	8.7	7.6	7.1	7.3	7.0	12.9	12.5	10.4	13.2
Average Monthly Wind Gust	30.9	29.4	30.1	29.8	26.1	23.2	25.3	25.3	23.9	28.8	26.3	26.7	27.1
Highest Maximum Wind Gust	49.9	51.5	54.7	46.7	43.5	43.5	37.0	45.1	46.7	49.9	49.9	48.3	54.7

Barometric Pressure (mb)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Mean	1019.1	1020.2	1019.6	1014.3	1017.9	1013.1	1011.7	1013.6	1017.4	1017.5	1019.3	1016.3	1016.7
Average Daily Maximum	1025.5	1025.6	1025.1	1018.4	1021.1	1016.2	1014.3	1015.8	1020.0	1022.4	1023.8	1022.1	1020.9
Average Daily Minimum	1012.6	1014.9	1014.1	1010.3	1014.7	1010.0	1009.2	1011.4	1014.7	1012.6	1014.8	1010.4	1012.5
Extreme Daily Maximum	1044.8	1043.0	1037.9	1029.6	1032.0	1024.1	1019.8	1022.7	1031.3	1033.9	1036.1	1039.3	1044.8
Extreme Daily Minimum	997.8	1001.5	1001.1	993.8	1006.3	999.8	997.8	1001.4	1002.0	992.6	991.5	991.7	991.5
Largest Daily Pressure Range	24.0	23.7	28.4	21.8	15.8	16.0	12.0	10.8	14.2	29.0	23.9	23.0	29.0
Smallest Daily Pressure Range	3.0	2.4	3.6	2.6	2.2	1.6	2.2	1.4	2.7	2.3	2.2	3.2	1.4

Relative Humidity (%)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Mean	70.3	71.7	65.3	63.6	62.8	72.7	64.6	69.4	72.8	71.4	74.1	79.1	69.8
Average Daily Maximum	84.2	84.0	81.9	82.8	81.2	90.8	84.5	88.7	90.2	86.9	88.7	89.5	86.1
Average Daily Minimum	56.3	59.4	48.8	44.9	44.4	54.6	44.7	50.1	55.5	55.9	59.6	68.8	53.6
Median Time of Occurrence of Daily Maximum	5:43	5:55	7:57	6:14	5:48	5:16	6:58	7:13	7:41	7:41	7:51	8:36	6:54
Median Time of Occurrence of Daily Minimum	14:07	15:02	14:53	15:37	15:06	14:44	16:28	15:58	15:48	15:07	13:18	13:10	14:56
Extreme High Daily Mean	86.5	87.5	82.5	95.0	85.5	93.5	86.5	83.0	86.5	86.0	88.0	94.0	95.0
Extreme Low Daily Mean	53.5	56.0	47.5	43.0	39.5	56.5	49.5	61.0	61.5	58.0	58.5	61.0	39.5
Extreme High Daily Maximum	100	95	94	99	94	96	96	95	96	96	99	100	100
Extreme High Daily Minimum	73	80	71	91	79	92	80	75	79	76	81	88	92
Extreme Low Daily Maximum	75	72	63	58	51	78	66	78	79	74	75	69	51
Extreme Low Daily Minimum	31	33	27	22	27	35	30	33	37	36	42	36	22
Largest Daily Relative Humidity Range	45	47	45	52	47	59	58	59	55	52	43	57	65
Smallest Daily Relative Humidity Range	16	6	15	8	13	3	13	16	15	13	13	8	3

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Solar Radiation (W/m2)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Maximum	290	423	571	710	807	830	917	809	628	491	371	192	586
Median Time of Occurrence of Daily Maximum	13:28	13:06	14:10	14:24	12:25	12:07	13:59	14:42	14:22	14:05	12:54	13:12	13:34
Extreme Daily Maximum Solar Radiation	494	647	837	1035	1097	1216	1155	1114	875	770	592	462	1216
Extreme Daily Solar Energy (Langley)	0.71	0.93	1.20	1.48	1.57	1.74	1.66		1.25	1.10	0.85	0.66	1.74

Sunshine Hours	January	February	March	April	May	June	July	August	September	October	November	December	Year
Total Monthly Bright Sunshine Hours (≥120 W/m2)	51.34	90.45	136.13	155.57	179.85	210.60	222.22	184.75	136.39	105.40	58.35	19.15	1550.19
Extreme Daily Sunshine Hours	3.42	6.73	8.00	9.45	9.72	10.43	10.72	8.35	8.07	7.53	3.47	2.93	10.72

UV Index	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Maximum	0.9	1.4	2.5	4.2	5.9	7.2	7.6	6.4	4.4	2.7	1.59	0.9	3.8
Median Time of Occurrence of Daily Maximum	13:13	13:14	14:11	13:41	11:59	12:06	13:28	13:52	14:11	13:38	12:32	12:34	13:13
Extreme Daily Maximum UV Index	1.6	2.2	3.9	5.9	8.8	10.2	9	8.2	5.4	4.3	2.7	1.3	10.2
Extreme Daily UV Dose (MEDS)	1.29	3.05	4.09	7.64	14.74	15.43	13.52	10.80	7.56	4.35	2.41	0.89	15.43

Precipitation (mm)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Total Rainfall	24.0			65.4	48.5	163.2	28	60	70.8	98.4	39	45.6	642.9
Extreme Daily Rainfall	10.6			17.8	23.6	33.4	15.2	20.4	21.2	52.8	16.4	21.0	52.8
Extreme Storm Total	19.4			30.4	37.7	39.2	15.2	21.2	25.2	55.4	21.0	22.2	55.4
Extreme Storm Rainfall Rate	7.4			18.2	84.0	169.4	151.6	274.2	113	73.8	31.8	46.8	274.2

Evapotranspiration (mm)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Total Evapotranspiration	17.0	12.1	35.2	50.1	81.3	81.9	102.6	69.9	52.6	37.1	25.1	16.7	581.6
Extreme Daily Evapotranspiration	1.0	0.8	1.8	2.9	4.3	4.5	4.2	3.4	2.4	2.4	1.7	1.6	4.5

Days with Maximum Temperature	January	February	March	April	May	June	July	August	September	October	November	December	Year
≤ 0°C	20	28	8	0	0	0	0	0	0	0	0	2	58
> 0°C	11	0	23	29	31	30	31	31	30	31	30	29	306
> 10°C	0	0	2	20	31	30	31	31	30	29	18	10	232
> 20°C	0	0	0	4	23	22	30	31	27	3	2	0	142
> 30°C	0	0	0	0	1	0	14	6	3	0	0	0	29
> 35°C	0	0	0	0	0	0	0	0	1	0	0	0	1

Days with Minimum Temperature	January	February	March	April	May	June	July	August	September	October	November	December	Year
> 0°C	1	0	5	24	31	30	31	31	30	28	22	23	256
≤ 0°C	30	28	26	6	0	0	0	0	0	3	8	8	109
≤ -10°C	21	24	7	0	0	0	0	0	0	0	0	0	52
≤ -20°C	0	7	0	0	0	0	0	0	0	0	0	0	7

Days with Rainfall	January	February	March	April	May	June	July	August	September	October	November	December	Year
≥ 0.2 mm	3			12	6	12	5	10	9	13	10	11	91
> 2 mm	3			9	4	11	3	6	9	7	7	5	64
> 10 mm	1			2	2	7	1	3	2	3	1	1	23
> 25 mm	0			0	0	1	0	0	0	1	0	0	2

Note:

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