

TORONTO EAST YORK WEATHER 2016

Davis Vantage Pro2 with Fan-Aspirated Radiation Shield	CWOP (MADIS) ID: DW0132 (D013 CWOP (MADIS) ID: DW0132 (D0132)	CWOP (MADIS) ID: DW0132 (D0132)
Latitude: N° 43 42.876	CANWARN: ON8234	CANWARN: ON8234
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	-2.6	-1.5	3.3	5.7	15.8	20.6	24.3	24.9	20.1	12.2	7.2	-0.6	10.8
Average Daily Maximum	1.1	2.7	7.5	10.8	21.9	27.0	30.1	31.1	25.7	16.6	11.9	2.2	15.7
Average Daily Minimum	-6.2	-5.7	-1.0	0.6	9.6	14.2	18.5	18.8	14.4	7.9	2.6	-3.4	5.9

Median Time of Occurrence of Daily Maximum	14:05	14:29	14:53	15:55	16:14	16:35	16:34	16:38	15:41	15:00	14:18	13:33	15:19
Median Time of Occurrence of Daily Minimum	3:42	3:55	5:02	6:38	6:04	6:01	6:02	6:46	6:54	3:08	5:34	3:10	5:14

Extreme High Daily Mean	6.2	9.4	12.8	16.3	26.3	27.8	30.0	31.4	29.1	20.6	15.8	6.85	31.4
Extreme Low Daily Mean	-12.4	-20.0	-8.7	-4	5.2	11.25	18.6	19.9	13.4	3.0	-1.6	-9.5	-20.0

Extreme High Daily Maximum	10.6	16.1	20.0	24.9	33.9	34.3	36.8	36.9	36.6	25.3	19.6	10.6	36.9
Extreme High Daily Minimum	3.2	5	7.8	7.7	20.9	21.3	23.2	25.8	22.5	17.2	11.9	4.9	25.8

Extreme Low Daily Maximum	-10.1	-14.8	-6.7	-1.1	7.7	14.4	22.6	26.1	17.6	6.2	0.5	-7.5	-14.8
Extreme Low Daily Minimum	-14.7	-25.1	-10.8	-8.1	2.6	7.8	13.2	13.7	8.2	-0.4	-3.7	-11.5	-25.1

Largest Daily Temperature Range	13.2	18.9	17.7	17.6	19.4	19.6	17.3	16.3	16.5	15.6	16.5	14.5	19.6
Smallest Daily Temperature Range	2.9	1.2	2.1	4.2	3.1	6.3	5.2	8.2	3.6	2.8	3	2.3	1.2

Apparent Temperature	January	February	March	April	May	June	July	August	September	October	November	December	Year
Extreme Daily Maximum Humidex	11.4	16.3	21.8	24.6	42.4	42.1	45.8	47.2	47.7	32.1	22	8.9	47.7
Extreme Daily Minimum Windchill	-22.4	-34.7	-18.1	-14.2	-0.1	6.4	13.3	13.7	7.3	-3.2	-9.5	-18.7	-34.7
Extreme Daily Maximum THSW Index	14.7	21.4	30.5	30.8	44.2	43.3	48.1	50	50.8	30.6	23.3	11.2	50.8
Extreme Daily Minimum THSW Index	-24.5	-37.4	-20.1	-16.1	-2.4	4.3	11.6	12	5.4	-4.8	-11.2	-19.8	-37.4

Degree Days	January	February	March	April	May	June	July	August	September	October	November	December	Year
Heating Degree Days	637.4	565.2	457.0	368.2	120.2	19.1	0.0	0.0	19.0	184.6	322.6	575.5	3268.6
Cooling Degree Days	0.0	0.0	0.0	0.0	51.4	98.2	194.8	215.0	80.9	6.3	0.0	0.0	646.4

Wind (km/h)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Wind	5.1	5.5	3.4	3.9	3.2	4.5	3.7	3.6	2.5	3.4	3.6	5.1	4.0
Highest Average Daily Wind	11.5	12.7	9.6	9.7	7.4	13.2	8.1	8.9	4.9	11.1	12.3	10.1	13.2
Average Monthly Wind Gust	30.1	31.4	27.4	26.9	26.6	27.7	26.7	26.5	24.6	24.8	24.9	30.8	27.4
Highest Maximum Wind Gust	48.3	46.7	54.7	46.7	46.7	43.5	49.9	43.5	45.1	41.8	46.7	55.0	55.0

Barometric Pressure (mb)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Mean	1014.2	1014.3	1015.3	1017.2	1014.2	1012.3	1012.8	1014.7	1017.8	1018.7	1016.8	1016.8	1015.4
Average Daily Maximum	1019.2	1021.2	1020.6	1021.5	1016.8	1015.2	1015.1	1017.4	1020.8	1022.4	1020.6	1023.1	1019.5
Average Daily Minimum	1009.2	1007.5	1010.0	1013.0	1011.6	1009.4	1010.4	1011.9	1014.8	1015.0	1013.0	1010.5	1011.4
Extreme Daily Maximum	1039.6	1037.4	1029.1	1033.6	1025.3	1024.1	1024.3	1023.8	1027.8	1033.6	1031.3	1040.9	1040.9
Extreme Daily Minimum	984.2	987.9	993.9	990.4	996.9	996.1	1002.9	1000.0	1003.4	999.5	995.8	997.3	984.2
Largest Daily Pressure Range	21.8	33.5	26.5	29.5	14.1	13.3	9.7	13.9	13.1	18.4	25.2	34.3	34.3
Smallest Daily Pressure Range	3.1	2.7	1.4	2.4	2.0	2.1	1.7	2.0	2.4	2.3	1.8	2.1	1.4

Relative Humidity (%)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Mean	74.0	70.4	72.3	60.8	61.9	59.0	64.1	67.0	69.5	75.9	76.1	77.3	69.0
Average Daily Maximum	86.4	84.5	88.0	80.5	82.3	79.8	83.9	87.9	88.8	90.0	91.0	89.3	86.0
Average Daily Minimum	61.5	56.2	56.5	41.0	41.5	38.2	44.4	46.1	50.2	61.8	61.2	65.3	52.0
Median Time of Occurrence of Daily Maximum	6:31	8:36	8:08	5:47	6:52	6:25	6:32	7:27	7:52	8:00	8:00	9:55	7:30
Median Time of Occurrence of Daily Minimum	15:01	15:27	14:24	15:23	16:26	16:55	16:31	16:16	15:36	15:05	14:31	14:13	15:29
Extreme High Daily Mean	93.5	85.5	91	85.0	76.5	82.5	77.5	84.0	90.5	93.0	95.0	94.5	95.0
Extreme Low Daily Mean	60.5	57.5	46.5	42.0	45	48.5	52.0	57.0	57.5	64.5	61.0	67.0	42.0
Extreme High Daily Maximum	100	96	95	100	98	96	94	96	96	97	100	100	100
Extreme High Daily Minimum	88	79	89	70	61	69	63	72	86	89	90	89	90
Extreme Low Daily Maximum	72	71	67	62	62	64	68	76	80	77	78	80	62
Extreme Low Daily Minimum	42	41	23	16	24	26	27	34	29	44	37	51	16
Largest Daily Relative Humidity Range	41	52	58	58	61	62	55	55	58	48	52	36	62
Smallest Daily Relative Humidity Range	7	13	4	24	26	19	22	24	9	8	10	11	4

Solar Radiation (W/m2)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Maximum	301	458	521	716	879	977	962	861	675	474	374	224	618
Median Time of Occurrence of Daily Maximum	13:27	13:11	14:17	14:32	13:47	13:31	13:51	14:36	14:25	13:50	12:43	12:54	13:45
Extreme Daily Maximum Solar Radiation	517	749	875	983	1069	1236	1209	1158	991	840	594	427	1236
Extreme Daily Solar Energy (Langley)	0.74	1.07	1.25	1.41	1.53	1.77	1.73	1.65	1.42	1.20	0.85	0.61	1.77

Sunshine Hours	January	February	March	April	May	June	July	August	September	October	November	December	Year
Total Monthly Bright Sunshine Hours (≥120 W/m2)	48.70	90.18	114.08	156.17	203.68	233.61	219.29	172.18	119.93	90.37	68.65	18.44	1535.28
Extreme Daily Sunshine Hours	4.50	5.27	6.80	9.83	9.50	10.30	9.52	9.23	7.07	6.17	4.95	2.57	10.30

UV Index	January	February	March	April	May	June	July	August	September	October	November	December	Year
Average Daily Maximum	1.0	1.6	2.5	4.7	6.5	8.3	8.3	7.5	4.8	2.9	1.7	0.9	4.2
Median Time of Occurrence of Daily Maximum	13:09	13:09	13:54	13:56	13:23	13:18	13:25	13:38	14:17	13:42	12:31	12:32	13:24
Extreme Daily Maximum UV Index	1.4	2.6	4	7.2	8.2	9.8	9.6	9.4	6.3	4.9	2.4	1.3	9.8
Extreme Daily UV Dose (MEDS)	0.99	3.20	7.17	8.71	13.36	14.82	15.67	11.73	7.67	4.93	3.04	1.17	15.67

Precipitation (mm)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Total Rainfall				37.2	38.4	45.8	88.2	101	70.2	39.8	61.6	66.8	549.0
Extreme Daily Rainfall				10.8	9.0	20.0	33.2	48.6	31.8	9.4	22.4	12.4	48.6
Extreme Storm Total				14.6	24.4	27.2	34.2	48.6	41.2	15.8	28.0	26.4	48.6
Extreme Storm Rainfall Rate				23.2	52.8	140.4	198.6	213.4	145.8	27.2	32.2	5.4	213.4

Evapotranspiration (mm)	January	February	March	April	May	June	July	August	September	October	November	December	Year
Total Evapotranspiration	17.1	23.9	29.8	47.2	83.4	111.1	104.1	80.8	53.9	34.7	24.4	16.2	626.7
Extreme Daily Evapotranspiration	0.9	1.9	2.0	3.0	4.4	4.9	4.8	3.7	2.6	1.9	1.8	0.9	4.9

Days with Maximum Temperature	January	February	March	April	May	June	July	August	September	October	November	December	Year
≤ 0°C	13	10	3	1	0	0	0	0	0	0	0	9	36
> 0°C	18	19	28	29	31	30	31	31	30	31	30	22	330
> 10°C	1	5	12	16	30	30	31	31	30	27	21	1	235
> 20°C	0	0	0	2	16	28	31	31	26	8	0	0	142
> 30°C	0	0	0	0	5	9	16	19	8	0	0	0	57
> 35°C	0	0	0	0	0	0	2	2	1	0	0	0	5

Days with Minimum Temperature	January	February	March	April	May	June	July	August	September	October	November	December	Year
> 0°C	3	5	12	18	31	30	31	31	30	30	25	7	253
≤ 0°C	28	24	19	12	0	0	0	0	0	1	5	24	113
≤ -10°C	6	8	2	0	0	0	0	0	0	0	0	4	20
≤ -20°C	0	2	0	0	0	0	0	0	0	0	0	0	2

Days with Rainfall	January	February	March	April	May	June	July	August	September	October	November	December	Year
≥ 0.2 mm				7	9	8	11	8	7	10	13	14	87
> 2 mm				4	6	4	7	5	6	6	7	10	55
> 10 mm				1	0	2	3	3	2	0	1	2	14
> 25 mm				0	0	0	1	1	1	0	0	0	3

Note:
 Heated Rain Gauge turned on for the time ever on Nov 19, 2016