

2019 Metro Canada ET Weather Analysis for Climate Controlled Irrigation

Key Weather Stats (May-Oct):

	V a n c o u v e r	C a l g a r y	E d m o n t o n	T o r o n t o	O t t a w a	M o n t r e a l
Mean Temperature (Celsius)	15.3	11.6	11.5	17.2	15.6	16.7
Total Rainfall (mm)	343	371	393.4	538	501	656.0

Key ET Irrigation Stats (May-Oct):

	V a n c o u v e r	C a l g a r y	E d m o n t o n	T o r o n t o	O t t a w a	M o n t r e a l
Moisture Loss - ET (inches)	18.97	21.2	17.04	24.14	17.96	16.29
Moisture Gain - Effective Rain** (inches)	7.31	9.78	9.82	12.82	11.51	11.07
Avg days irrigated under Climate Controlled Irrigation	31	24	14	23	11	8

** - Not all rainfall is useful to the plants. Effective Rain factors Maximum Hourly Rainfall Rate and Saturation Allowance

Notes:

Vancouver

- Rainfall 5.5% below Normal
- Temperatures 2.7% above Normal

Calgary

- Absence of summer this year with cooler wetter days
- Rain fall 19% above Normal
- In prime summer months (June-August) there were 71 days with rain
- June to August only 18 days above 25 degrees (Normal is 37 days)

Edmonton:

- The summer that wasn't....
- Rainfall 20.3% above Normal
- June to August was eighth wettest on record
- Temperatures 4.2% below Normal

Toronto:

- Rainfall 23.7% above Normal, extremely wet start to season
- Temperatures 3.6% above Normal despite wetter season

Ottawa:

- Rainfall 4.1% below Normal despite extremely wet October
- temperatures for the most part around Normal

Montreal:

- Rainfall 25.2% above Normal
- Extremely wet latter half of season (Sept-Oct)
- Temperatures for the most part around Normal