

## 2017 Metro Canada ET Weather Analysis for Climate Controlled Irrigation

	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
<b>Key Weather Stats (May-Oct):</b>						
Mean Temperature (Celsius)	15.2	13.9	12.3	17.7	16.3	17.4
Total Rainfall (mm)	299.1	197.2	327.2	439.8	841.8	638.0
<b>Key ET Irrigation Stats (May-Oct):</b>						
Moisture Loss - ET (inches)	17.6	25.5	21.8	23.2	17.5	16.3
Moisture Gain - Effective Rain** (inches)	5.4	5.1	8.1	11.1	11.4	11.5
Avg days irrigated under Climate Controlled Irrigation	33	49	31	25	10	7

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

### Notes:

#### Vancouver

- Rainfall 17.5% below normal
- Only 6.8mm of rainfall from 6/29 to 8/31

#### Calgary

- Record setting hot and dry weather for almost the entire summer
- Mean Temps 15.8% above normal
- More Temperature extremes - 14 days at 30 Celsius or above (normal is 5 days)
- Rainfall 36.7% below normal

#### Edmonton:

- Rainfall 19.6% below Last Year (403.3mm)
- More Temperature extremes - 6 days at 30 Celsius or above (normal is 4 days)

#### Toronto:

- A return to more seasonal weather
- Mean Temps 6.6% above normal

#### Ottawa:

- Record setting rainfall and flooding
- Rainfall 61.1% above normal

#### Montreal:

- Rainfall 21.8% above normal
- Mean Temps 7.4% above normal