

2016 Weather Analysis for Climate Controlled Irrigation

Key Weather Stats (May-Oct*):

	Vancouver	Calgary	Edmonton	Toronto	Ottawa	Montreal
Mean Temperature (Celsius)	14.8	12.4	11.5	19.0	16.9	17.6
Total Rainfall (mm)	464.4	445.1	406.3	276.8	376.7	514.1

Key ET Irrigation Stats (May-Oct*):

	Vancouver	Calgary	Edmonton	Toronto	Ottawa	Montreal
Moisture Loss - ET (inches)	18.4	22.0	21.1	26.6	21.2	20.1
Moisture Gain - Effective Rain** (inches)	8.2	9.9	11.8	8.7	9.9	9.5
Avg Irrigation Frequencies under Climate Controlled Irrigation	22	26	22	44	25	23

* - Vancouver covers irrigation season April-October

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

Notes:

Vancouver

- Rainfall 2.4% above normal
- Mean Temps 4.2% above normal

Calgary

- Rainfall 42.8% above normal; July second wettest on record
- Mean Temps 10.7% above normal
- Early, dry start to season but extremely wet from July onward

Edmonton:

- Rainfall 24.2% above normal
- Mean Temps 11.3% below normal

Toronto:

- Rainfall 36.3% below normal
- Mean Temps 14.5% above normal
- Drought-like conditions particularly May-August

Ottawa:

- Rainfall 27.9% below normal
- Mean Temps 6.3% above normal
- Extremely dry conditions particularly May-July

Montreal:

- Rainfall 1.9% below normal
- Mean Temps 8.6% above normal
- Dry conditions May-July