

Draft Climate Change Action Plan

- ▶ Brant County -Policy Development Committee - Nov. 5

NASA and the Goddard Institute for Space Studies.

22 of the 23 Hottest Years on Record Have Occurred Since the Year 2002



Data: NASA/GISS

Climate Action Plan

- ▶ Something is happening
- ▶ More frequent weather extremes
- ▶ Happening all over the globe

Mexico is about to experience its highest temperature ever recorded as the death toll climbs

Thompson Reuters - May 24th, 2024



Temperatures Soar to nearly 50C across India in ongoing heat wave.

The third straight year the country has experienced severe heat.

Globe & Mail - May 29th, 2024



Balkans hit by blackouts as heatwave persists

BBC News – June 21, 2024

- ▶ four Balkan countries suffered simultaneous power cuts lasting several hours on Friday as the region sweltered in a summer heatwave.

Switzerland floods: One dead and search continues for others as resort left completely cut off — *June 23, 2024 (BBC News)*



River level at Amazon rainforest port hits 122-year low amid drought Oct.4, 2024



Hurricane Helene updates: Death toll surpasses 230 as rescue efforts continue

ABC News - Oct. 7



▶ Nearly 1,000 people have been rescued so far, Florida governor says

From CNN's Jamiel Lynch and Aditi Sangal

Hurricane Milton

Oct. 10, 2024



Spain Hit by Deadliest Floods in Decades

CNN - Oct. 29, 2024 (nearly 100 dead)



A dozen B.C. daily rainfall records fall as 'staggering' atmospheric river pounds South Coast

- ▶ City News - Oct. 21, 2024
- ▶ three-day atmospheric river that pounded B.C.'s South Coast over the weekend and caused damaging flash floods also **smashed a dozen daily rainfall records.**
- ▶ 3 people dead

RAINIEST SUMMER ON RECORD

JUNE-AUGUST

TORONTO (YYZ)

1959

2024

1991-2020

2008

89
mm

498
mm

222
mm

396
mm

PREVIOUS

DRIEST

CURRENT

AVERAGE

WETTEST

AS OF AUGUST 21

DATA: 1938-PRESENT

The Weather
Network

Waterloo Regions hot September driest in more that 50 years

- ▶ **By Waterloo Region Record – Oct. 4, 2024**
- ▶ WATERLOO — Extremely dry and hot sums up September in Waterloo Region.
- ▶ So little rain fell that it was the driest September on record for more than 50 years, according to the University of Waterloo weather station.
- ▶ The month was also the fourth driest in the region's records stretching back more than 100 years.
- ▶ September was also the warmest in five years.

Climate Action Plan



- ▶ Thanks to all (Staff and Council)
- ▶ Well overdue and much needed. (Climate Emergency declared in Nov. 2019)
- ▶ Think globally, act locally.
- ▶ I urge County Councillors to engage and support this initiative.