



LEADERS IN OZONE LAYER & CLIMATE PROTECTION



MONTHLY ELECTRONIC NEWSLETTER

STRIVING TO KEEP YOU INFORMED

AUGUST 2021 • ISSUE 216

IPCC CLIMATE REPORT

The Intergovernmental Panel on Climate Change (IPCC) recently released its latest climate change report. The IPCC was created by the United Nations and the World Meteorological Organization in 1988. The IPCC releases detailed assessment reports on the state of climate change every 6 or 7 years. This latest report emphasizes the urgency of the climate crisis and provides decisive evidence on the causes of climate change.

The report describes current climate trends and projects future tendencies based on different CO2 emission scenarios. One of the examined changes is the increase of extreme weather events. According to the IPCC report, extreme cold weather periods are occurring less often and with less intensity, while heatwaves are becoming more severe and frequent.

"It is unequivocal that human influence has warmed the atmosphere, ocean and land."

– IPCC

The report also reveals that human-triggered climate change is responsible for causing more frequent floods and droughts.

The IPCC report indicates that global warming is occurring at an alarming rate and will continue escalating. In addition to the earth's temperature increase, global warming is melting glaciers and rising sea levels at unprecedented speeds. The report presents conclusive evidence that human activity and specifically the release of greenhouse gases are responsible for climate change.

(Luc P., 2021)

Read more here:

- <https://www.ipcc.ch/report/ar6/wg1/>
- <https://www.un.org/en/climatechange/report>
- <https://www.reuters.com/business/environment/key-takeaways-un-climate-panels-report-2021-08-09/>

IN MEMORY OF: WILLIAM (BILL) GRYWINSKI



MOPIA extends condolences to the family of Bill Grywinski, who recently passed away. Bill was a founding member of MOPIA and a long-time Board and Executive Committee member who contributed countless hours to support efforts of environmental protection. Bill represented the commercial HVAC (Chiller) side of the industry sharing his knowledge and expertise since 1992. Bill participated as a delegate at a UN International Montreal Protocol meeting held in Montreal representing MOPIA.

Bill was respected and admired by many throughout his involvement with MOPIA. Bill was always among the first to volunteer and share, one who put others ahead of himself. Mark Miller (Executive Director) noted "I always looked forward to seeing Bill, learning from his knowledge and experiences within the HVAC industry and Bill giving me updates on the Interlake region and his interest in horses."

MOPIA has contributed funds dedicating a tree in Bills Memory. Forever remembered.

View Bill's full obituary:

- <https://cropo.com/tribute/details/7994/WILLIAM-BILL-GRYWINSKI/obituary.html#tribute-start>

MOPIA

Manitoba Ozone Protection Industry Association

UV-B RADIATION

The ozone layer, made up of ozone particles, is the protective boundary that prevents harmful UVB radiation from damaging life on earth. However, ozone-depleting substances such as refrigerants and solvents greatly interfere with the ozone layer, resulting in the ozone holes at both poles and as much as doubling UVB radiation levels. As a result, there are numerous negative effects involving plants, animals, and people that come with the depletion of the ozone layer. Fortunately, several short and long-term solutions have been developed in order to counteract these effects. (Rachael H., 2021)

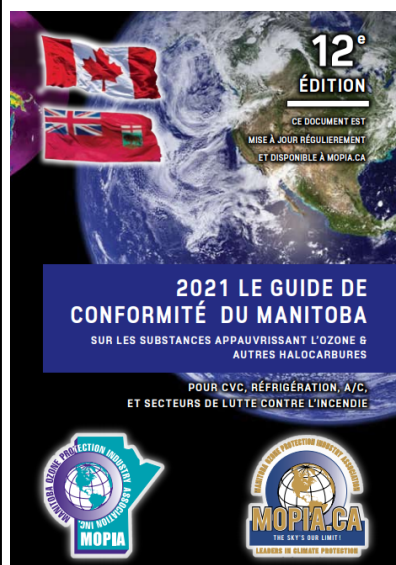
Read the full report:

- <https://mopia.ca/wp-content/media/MOPIA-Research-Negative-Effects-of-UVB.pdf>



Follow us on Facebook, Instagram, and TikTok to keep up to date with MOPIA!

Find us @ [manitoba.mopia](https://www.manitoba.mopia.ca)

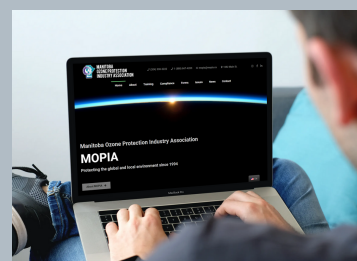


MOPIA is pleased to announce we now have available a French version of our Compliance Guide. This can be accessed through www.MOPIA.ca

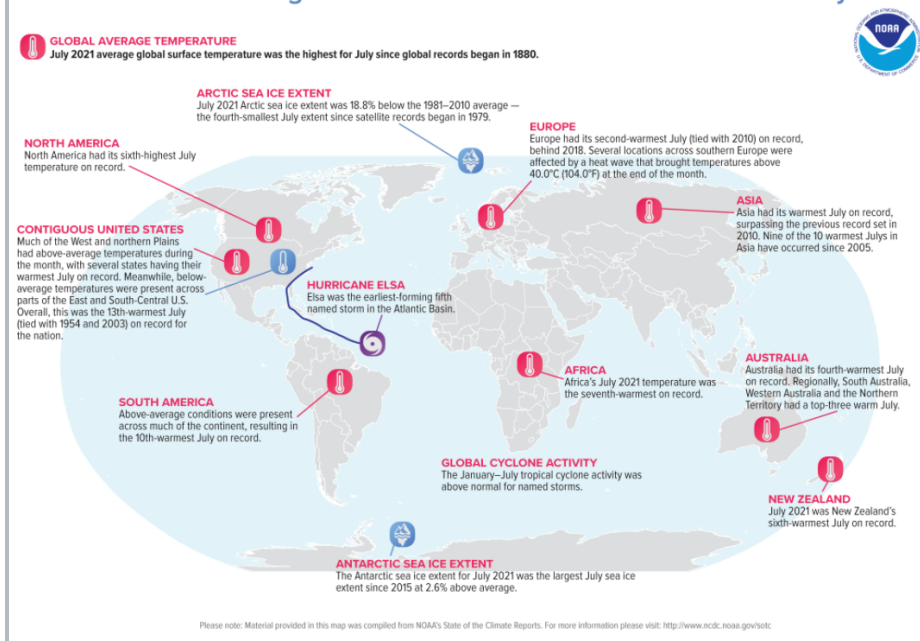
MOPIA is also currently translating additional documents for our multilingual stakeholders.

GET CERTIFIED!

MOPIA still offers certification training online, or via correspondence packages. In-class sessions remain COVID-19 pending. Visit [MOPIA.ca](https://www.MOPIA.ca) for details



Selected Significant Climate Anomalies and Events: July 2021



JULY TRIUMPHS AS HOTTEST ON RECORD

While North America had its 6th highest temperature on record, Asia had its record hottest, surpassing the record set in 2010.

Forest fires across Canada, droughts around the world, are indications that our climate is changing.

Visit NOAA's website for various climate maps:

- <https://www.ncei.noaa.gov/>

