



## LEADERS IN OZONE LAYER & CLIMATE PROTECTION



### MONTHLY ELECTRONIC NEWSLETTER

STRIVING TO KEEP YOU INFORMED

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#### Manitoba Trained Service Technician Certifications - Stats

Manitoba ODS Certification holders for the 2023/2024 to date has just reached the strong threshold of **7,000** technicians. If you have not yet renewed, you still can - contact MOPIA to do so as penalties of up to **\$50,000** and/or 6 months imprisonment are potential for non compliance!

You can pay by cheque, cash (in office) or by simply calling MOPIA reception directly at (204) 338-2222, or by visiting our [Renewals](#) page on [mopia@mopia.ca](mailto:mopia@mopia.ca) and paying it electronically.



#### French Bulletins Available

MOPIA's Nicole Philippot has been working hard to make all of our information and education resources available in French. MOPIA's monthly Bulletins are available every month at <https://mopia.ca/bulletin-archives/>



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#### Strong MOPIA Team Our Summer Contingent



Beginning from top left to right: Luc Philippot, Brookelynn Waite, Seaira Shewchuk, Nicole Philippot, Jeremiah Unger, Rachael Hogeveen, Claire Grislis, Jaeden Morris, Kiara Nathaniel.

MOPIA would like to thank its staff (pictured above) for their dedication and hard work this summer. MOPIA was able to deliver numerous awareness sessions all over Manitoba thanks to the collective efforts of our staff. The staff accomplished many important tasks such as processing payments and sending out renewals for certification licenses, updating current data, conducting research on PFAS chemicals and their effects on human and environmental health, creating original content for social media outreach on multiple platforms and working towards providing more bilingual resources. We are currently working on the release of digital certification license cards. This would significantly reduce our environmental impact as postage creates avoidable waste. Many of them are returning to studies at University and RR Polytech. We wish everyone a great year of success.

# MOPIA

## Manitoba Ozone Protection Industry Association

### Ozone Hole forming early over the Antarctic

Every September, ozone concentrations over the Antarctic begin decreasing, causing the formation of an ozone hole that lasts till December. This year however, data from NASA ozone watch indicate the annual hole has already started forming, nearly a month ahead schedule. Experts believe this worrisome trend was caused by the Tonga volcanic eruption last year, which caused significant changes in atmospheric conditions. The higher levels of UV radiation associated with the early ozone hole are expected to cause greater sea-ice melt and warmer ocean temperatures.

To read the full article visit:

<https://www.theguardian.com/environment/2023/aug/08/fears-over-antarctic-sea-ice-as-yearly-ozone-layer-hole-forms-very-early>

### World Ozone Day Approaching

With the help of the Montreal Protocol, the ozone layer has seen signs of recovery that would likely not be possible without legislative intervention. To celebrate the day of its signing, on September 16 of 1994, the UN general assembly proclaimed the day to be the international day for the preservation of the ozone layer, which is more commonly known as World Ozone Day. In 2023, World Ozone Day will be marking 36 years of legislated ozone protection. It should be noted that this day is not only celebrating ozone recovery, but also the possibility of global cooperation moving forward into the future, as the Montreal Protocol is the only environmental UN agreement that has been ratified by every country on the planet.

For more information visit: <https://ozone.unep.org/ozone-day/ozone-life-35-years-ozone-layer-protection>

### Record High-Temperatures July 2023

According to the National Oceanic and Atmospheric Administration (NOAA), July 2023 was among the hottest months ever recorded. In fact, it was the warmest July ever recorded in Arizona, Florida, Maine and New Mexico. In California's Death Valley, temperatures reached a record 53° C, while other parts of the country were hit by record precipitation and intense flooding.

Extreme weather events also hit locally (Kelowna, Yellowknife), as droughts (wildfires), floods, and extreme temperatures were felt across the country. In July, the Maritimes suffered devastating flooding from extreme precipitation, while the coast of BC experienced one of the worst drought years in history.

<https://www.noaa.gov>

[www.cbc.ca/news/canada/calgary/climate-change-something-changed-summer-2023-canada-1.6929271](http://www.cbc.ca/news/canada/calgary/climate-change-something-changed-summer-2023-canada-1.6929271)

### July Climate Anomalies

#### Selected Significant Climate Anomalies and Events: July 2023



<https://www.ncei.noaa.gov/access/monitoring/ghcn-gridded-products/#global-maps-select>

