

# Canadian Forest Fires 2023 Interim Report

On April Fool's Day (2023) I posted the following statement.

*"We are coming up on the North American 2023 fire season and the howls of climate change fire devastation will soon be rolled out again at the first hint of any major fires."*

Well, those fires showed up and so did the howls. The fires are devastating, as they are every year. But if you understand "climate", you must also understand that a bad fire year (5,403,358 hectares (to date)) is not evidence of "climate change", anymore than the record low acreage burnt in 2020 (229,272 hectares). We could even hit a record high this year (post-1980). But the yearly numbers are effectively meaningless. In climate discussions, the focus must be the trends. The number

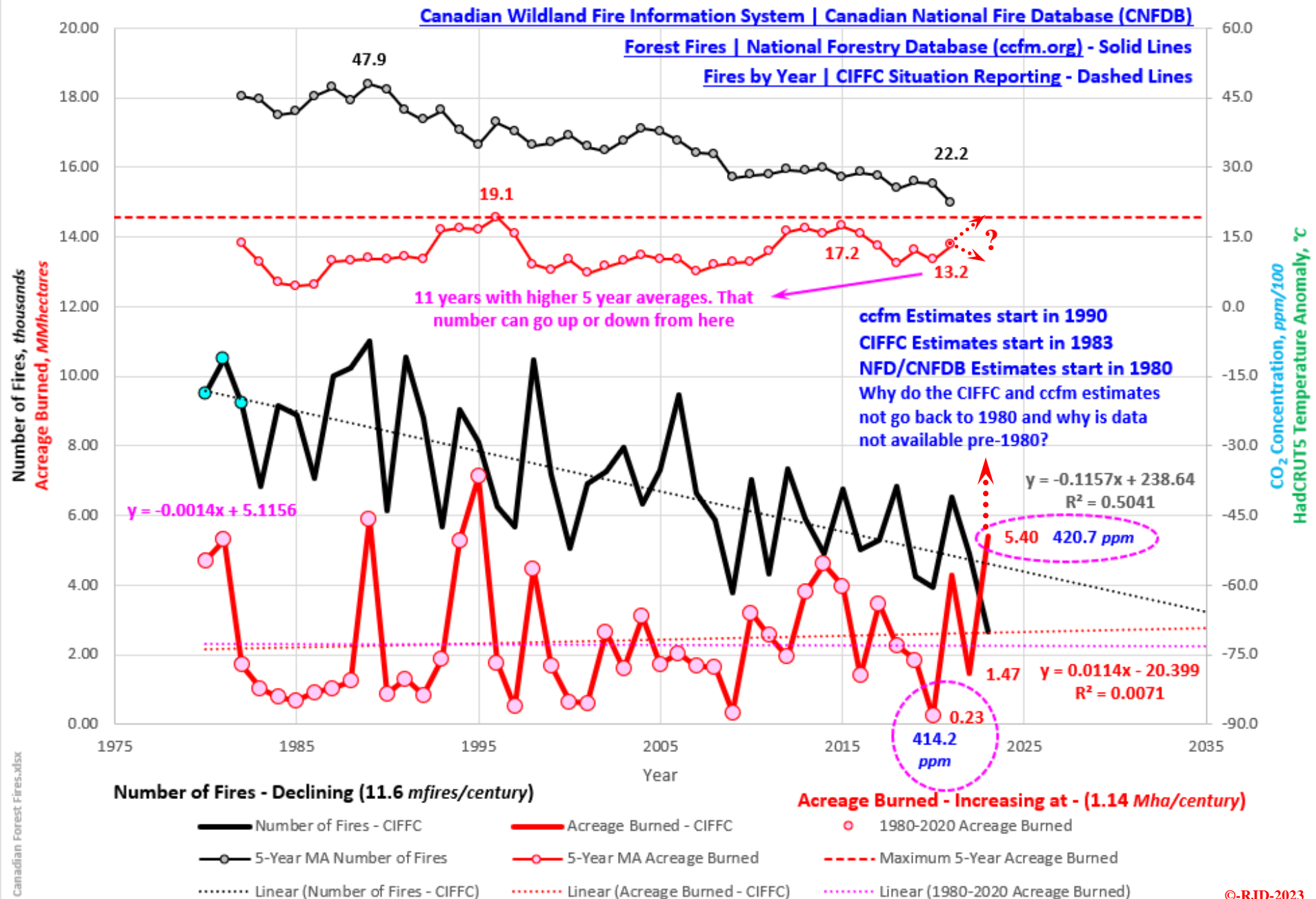
of fires has been trending down since "official" records began. Up until year-end 2020

The average acreage burnt had been declining at 0.14 hectares/century. Did CO<sub>2</sub> just decide to come to the party over the last few years and heat things up? Did the roughly 6.5 ppm CO<sub>2</sub> increase from 2020 to 2023 increase the burn acreage by a factor of 23.6 (and rising)? Will an additional 2.2 ppm yearly CO<sub>2</sub> increase mean another couple million burnt hectares over and above this year's totals? No, No and No. The trend has moved up since 2020, but will very, very likely move down when the totals come in lower next year.

## Forest Fires Statistical Trends

Canadian Wildfire Statistics (as of June 15<sup>th</sup>, 2023)

More detail? [climatechangeandmusic.com](http://climatechangeandmusic.com)



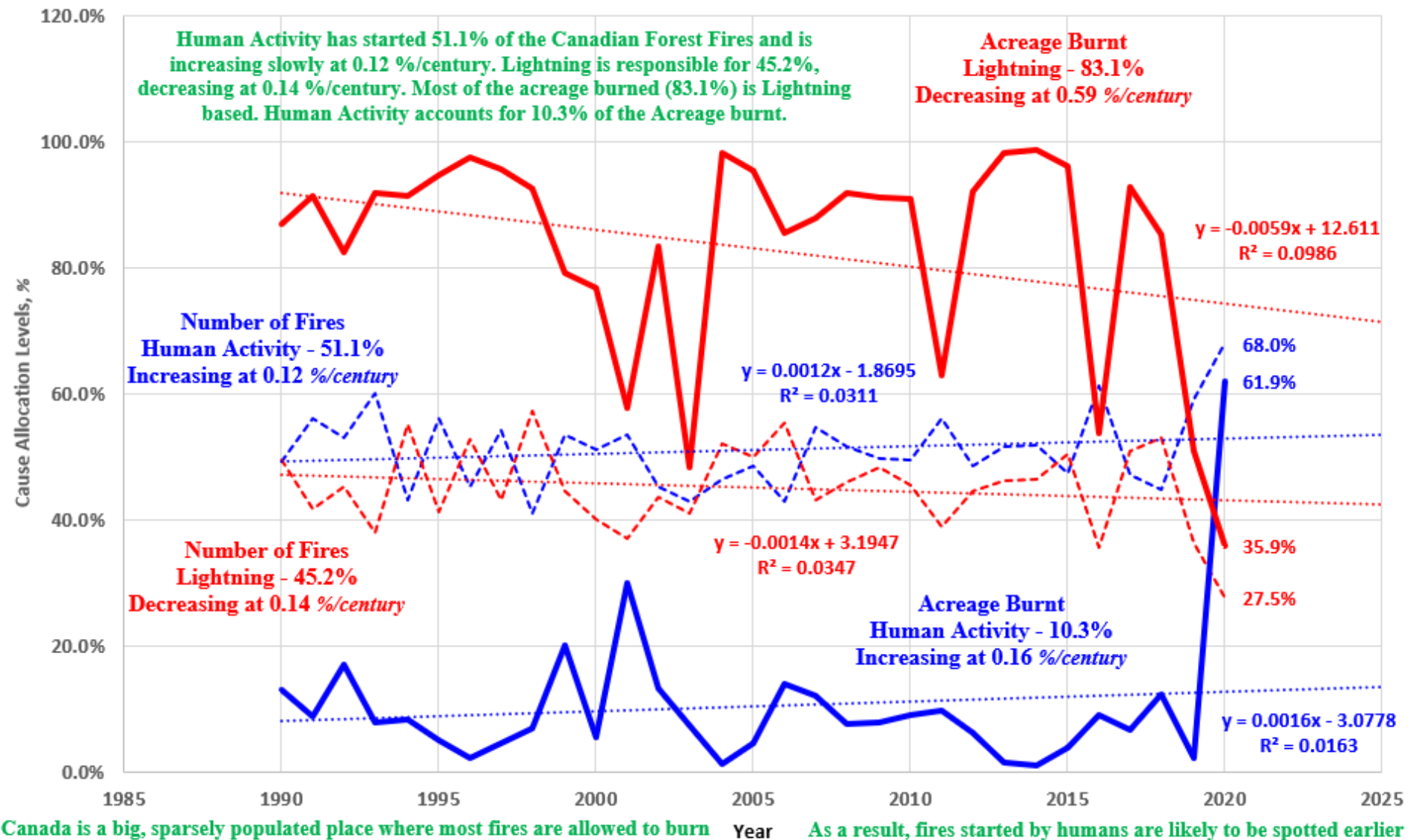
# Canadian Forest Fires 2023 Interim Report Category Allocations

The natural versus anthropogenic discussion has come up several times over the last few weeks. In Canada (a sparsely uninhabited country), we (humans) still managed to start 51.1% of the country's fires (68.0% in 2020). Mother Nature (lightning) came in at second place with an average of 45.2% starts (27.5% in 2020). The Government's official [statistical causes database](#) is only updated to the end of 2020. Not ideal, but the trends are obvious. The number of fires started, and acreage burnt due to lightning have been declining over the dataset while human activity influence has been rising. The 2020 record low year is likely exaggerating all the trends slightly. Despite a relatively even split on fire starts, lightning dominates the Acreage Burned (83.1% to 10.3%). Most of the fires started by human activity

## Forest Fires Category Allocations

would be close to human settlements and would likely be put out quickly where possible (leading to smaller acreage burns). Lightning strikes in remote areas are likely left to burn out on their own, leading to the much larger burnt acreage. When the 2021 to 2023 causal data has been updated, there will be changes in the trends, but they will not be dramatic. Human activity would include both accidental and intentional (i.e.: arson) fire starts. The database does not have them separated out.

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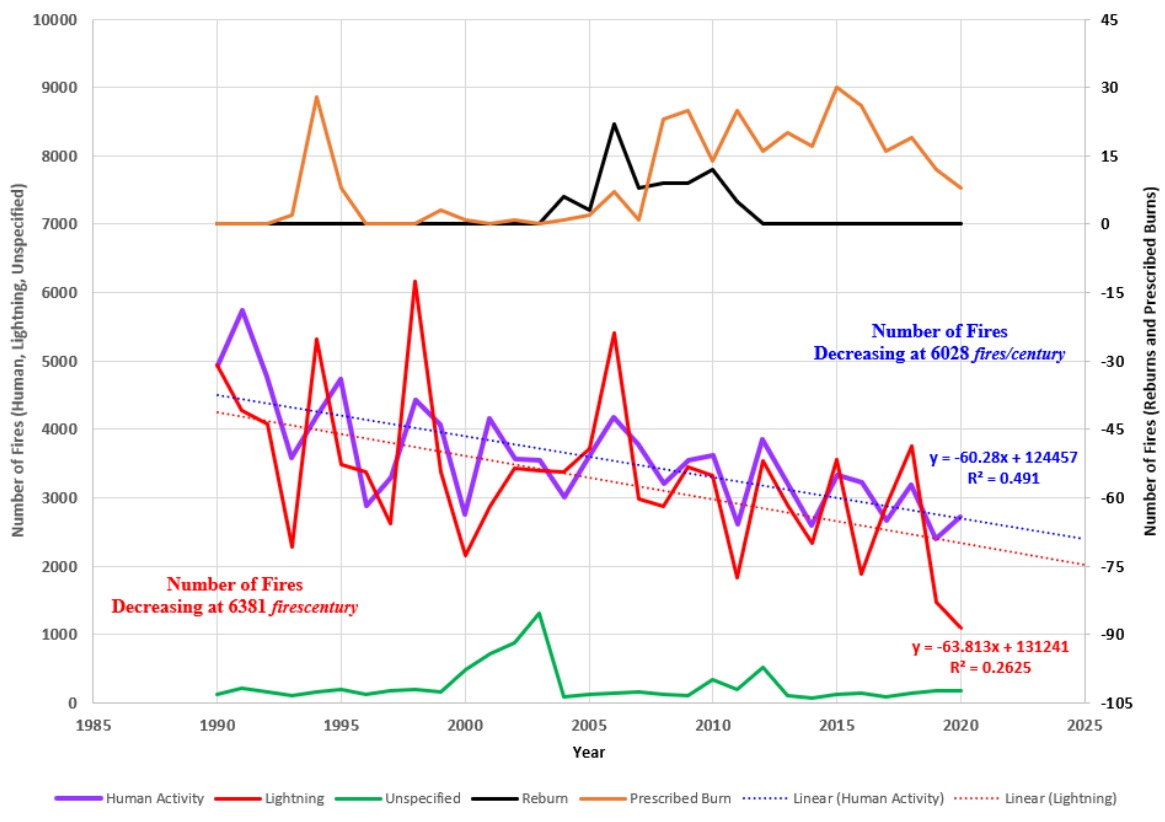
- Number of Fires Human Activity
- Number of Fires Lightning
- Acreege Burned Human Activity
- Linear (Number of Fires Human Activity)
- Linear (Number of Fires Lightning)
- Linear (Acreege Burned Human Activity)
- Linear (Acreege Burned Lightning)

GSM - Grand Solar Minimum. The real "Climate Change" existential threat is right around the corner. Do the Research!

### Forest Fires Category All Causes

the Catastrophic Anthropogenic Global Warming (CAGW) alarmist narrative. Sadly, the blatant lies and the howls of "climate change" induced fire devastation from our political elites and their media minions will continue. The Canadian data (along with the rest of the world's data) just does not back up their narrative. The empirical data, for those with open minds and the ability to use that mind, clearly shows that CAGW alarmist narrative is not rooted in science. Their "science" consists of computer model projections that are self-acknowledged as running too hot even without using the implausible emission scenarios that the IPCC has declared as having a low likelihood of happening. Realistic researchers put the higher emission scenarios in the implausible to impossible category. Ignoring the natural forcings (solar and ocean cycles) that will dominate our climate over the next few decades is a dangerous and stupid policy decision. As global temperatures continue to drop (they have been declining since 2015), the folly of the simplistic, unscientific greenhouse gas (primarily CO<sub>2</sub>) delusion will be laid bare. Unfortunately, our "leadership" will continue down this path to economic suicide, destroying our children's future for no climate/economic gain. Unless our voters wake up soon.

### Canadian Forest Fire Numbers - By Category

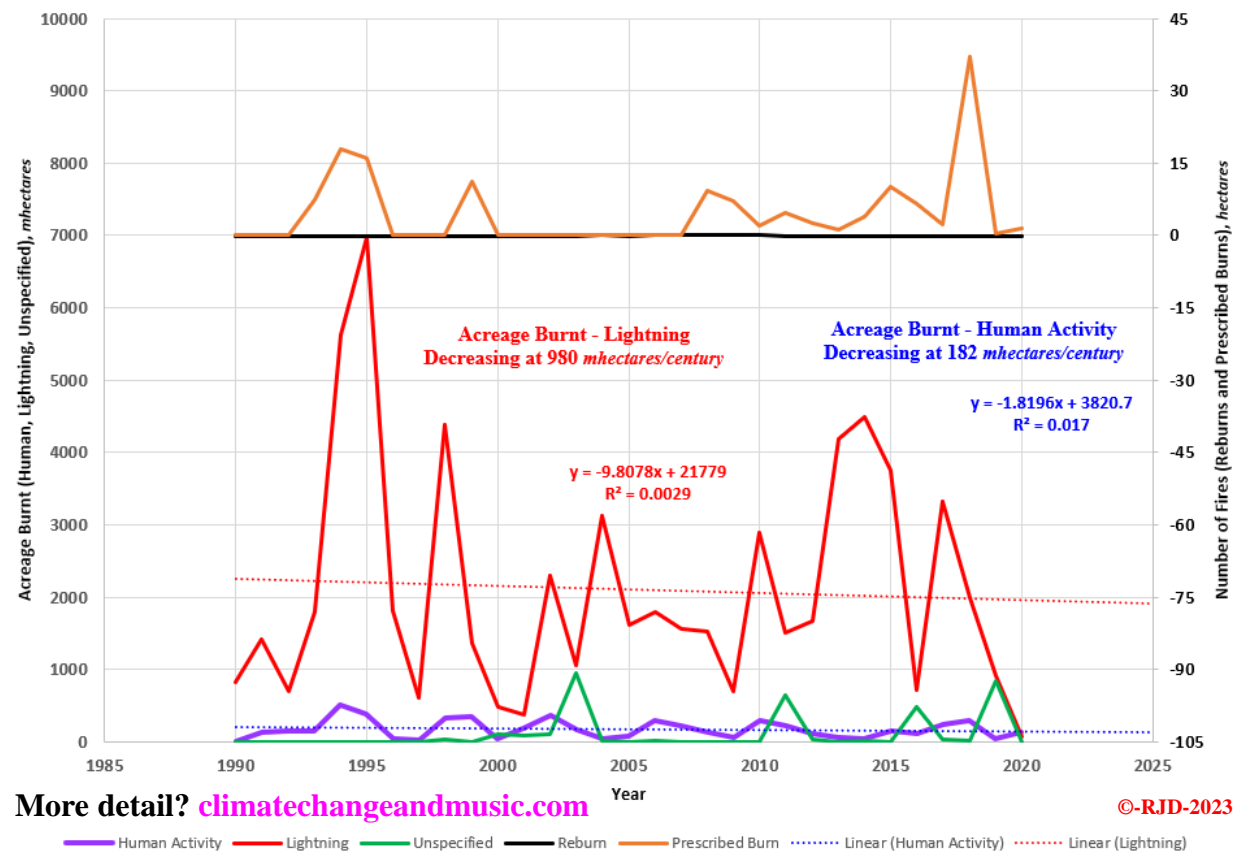


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# Canadian Forest Fires - 2023 Interim Report - Category Causes

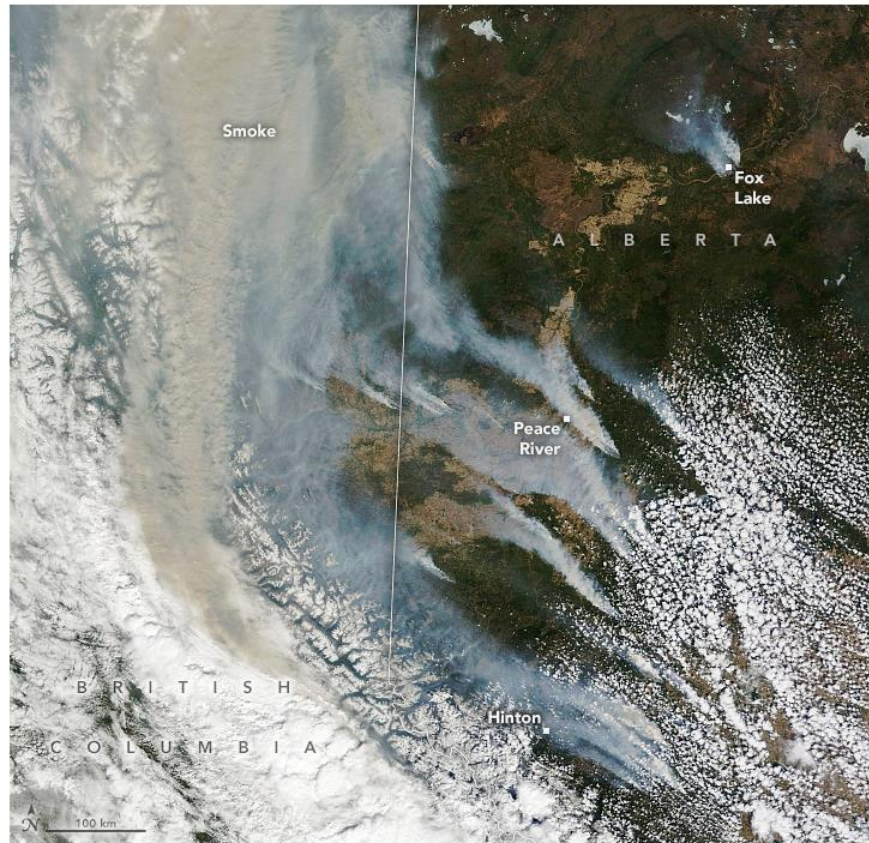
This slide shows the full causal details. Human Activity and Lightning dominate every year, but there are always some unspecified causes, along with reburn area (could be natural or anthropogenic) and prescribed burns (which could be classed as human activity). The number of fire starts has been declining significantly for both the Human Activity and Lightning categories. That decline will not continue indefinitely and will level off and/or start to rise. Regardless of the future trends, the number of fires is obviously not a function of CO<sub>2</sub> concentrations. Unless you believe that the number of fires drop as concentrations rise? I do not. The same story applies to the acreage burnt (although not as dramatic as the number of fires). Are we to believe that rising CO<sub>2</sub> is responsible for the general decline in acreage burnt? Again, I do not. When the 2021 to 2023 causal data is factored in the trends will change some, but they will not change enough to support

### Canadian Forest Fires - Acreage Burnt by Category



More detail? [climatechangeandmusic.com](http://climatechangeandmusic.com)

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May 6, 2023

JPEG

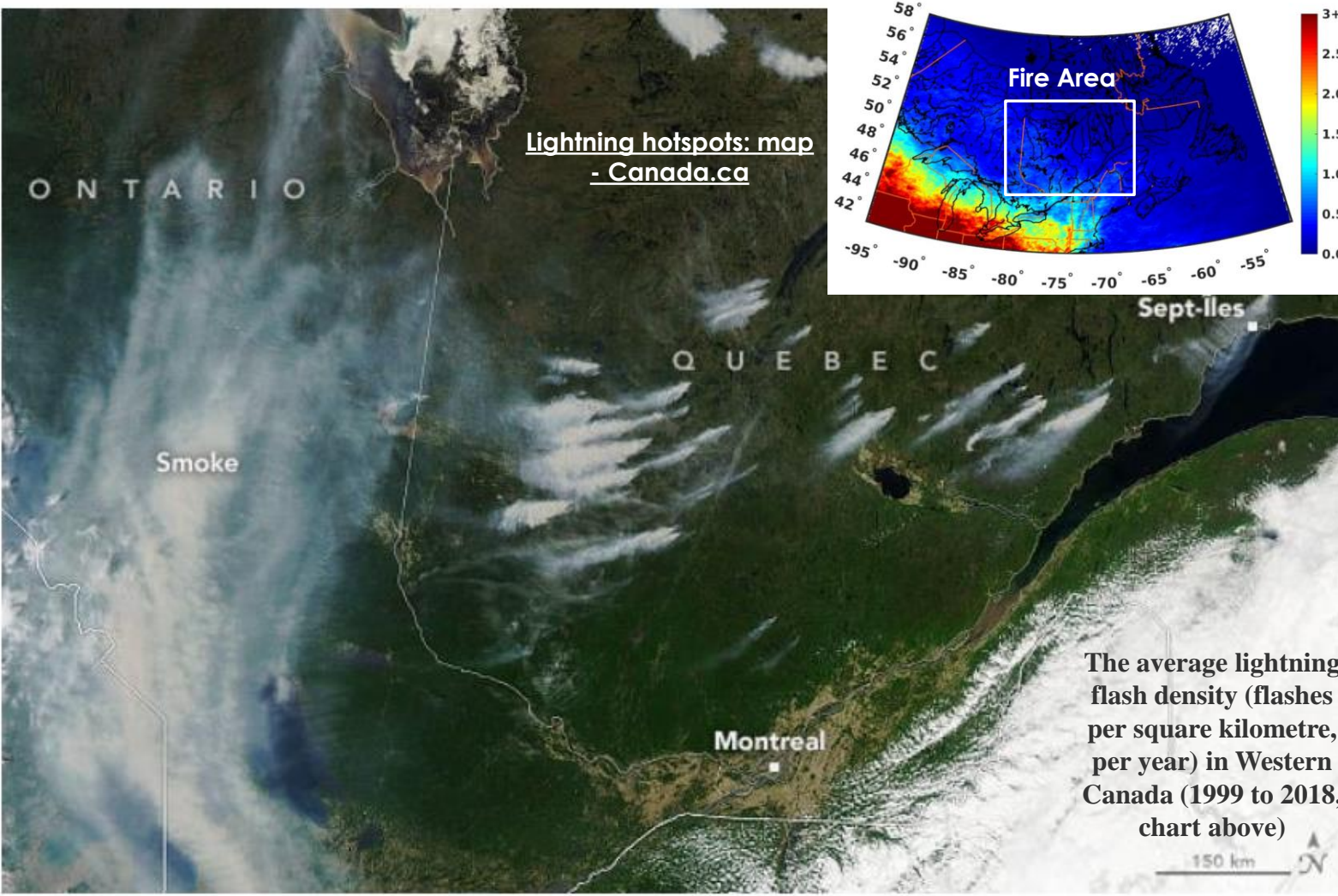
## Forest Fires Satellite Imagery

The picture to the right shows the early stages of Quebec's fire starts. Interestingly, all these fires seemed to start around the same time with clear skies overhead. That seems unusual and has led to a lot of speculation. The most likely reason, lightning strikes associated with the cold front that went through the area earlier (i.e.: the cloud system in the bottom corner). The delay could be due to localized small, undetectable burn areas that flared up when the winds came in from the northeast. I am speculating, but that makes more sense than blaming arsonists, directed energy beams, etc. (small %, without any proof). As an aside, I am wondering if this phenomena might have something to do with our planet's weakening magnetic field. The electrical activity on the planet has been increasing for a while now. Lightning strike frequencies/magnitude have been increasing with a [new record length \(477 miles\)](#) established on April 29<sup>th</sup>, 2020, in Texas. This is not a highly active lightning area, but that may be changing as the activity levels move north.

# CSS-41d Canadian Forest Fires - 2023 Interim Report - Satellites

This fire season has already been a very busy one, with major fires across the entire country (Western Canada kicking the season off in early May (to the left) and Eastern Canada joining in early June (below)). The smoke generated has been massive and has led to stories of apocalyptic doom as the skies over the northeast US became inundated and turned orange. No, this not the end of the world and no, this is not a function of "climate change" (even if your definition of "climate change" is rising CO<sub>2</sub> levels). This type of event is not unprecedented and has happened often when CO<sub>2</sub> concentrations were at much lower levels ([Tony Heller - Dark Days Indeed](#)).

Here's the June 3, 2023, image from the space agency showing plumes of smoke from the fires:



(Source: NASA Earth Observatory image by Lauren Dauphin)

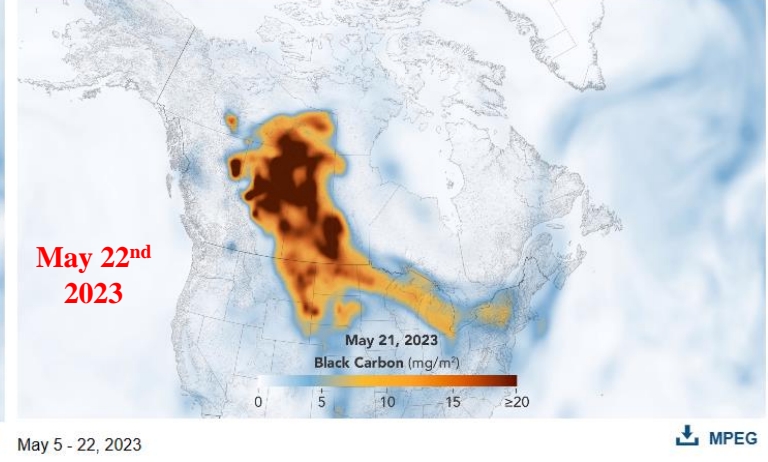
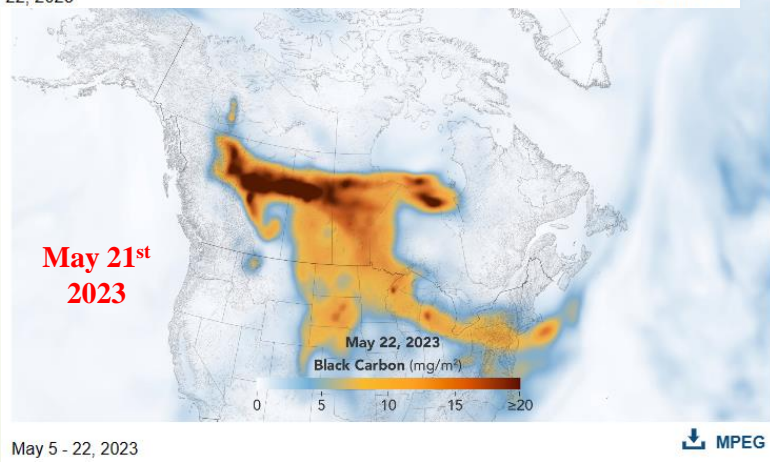
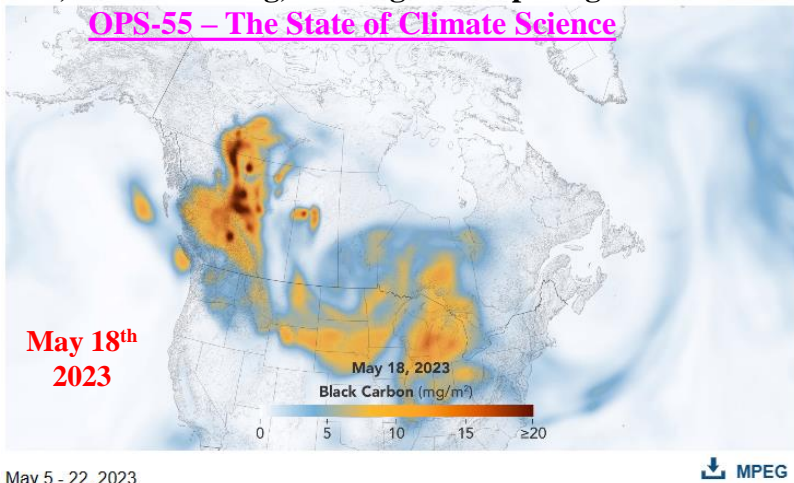
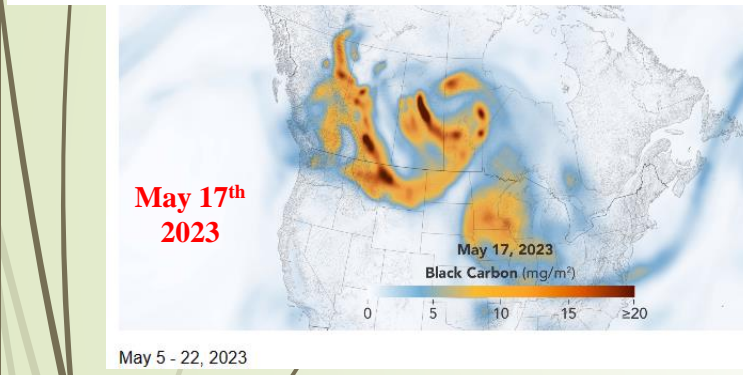
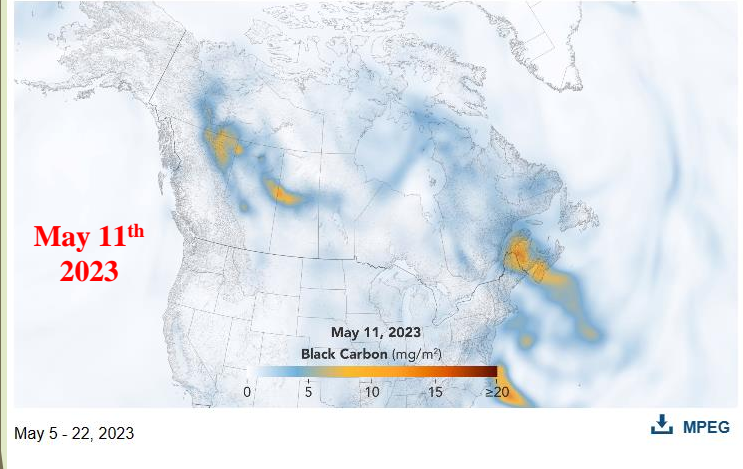
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# CSS-41e Canadian Forest Fires - 2023 Interim Report – Smoke Distributions

These screen shots come from a short NASA video (linked below) showing the smoke trails over time (May 5<sup>th</sup> to May 22<sup>nd</sup>, 2023). These shots provide a little perspective on just how complex our atmospheric dynamics are. The changes day to day, week to week are dramatic and hard to predict. But we (or more accurately, our ideological political elite) have decided to put their faith in climate models that try to predict the climate decades from now. Those very same models that they have self-acknowledged run too hot and use implausible, low likelihood high emission scenarios. Those very same models that ignore the natural forcings (solar and ocean cycles) that have dominated the planet’s climate for hundreds of millions/billions of years. Those very same political elites that ignore the massive ecological/environmental damage associated with material acquisition, manufacturing, running and disposing of renewable energy equipment. Those very same political elites that

ignore the financial devastation that their unnecessary “green” spending has already inflicted on the world economies. Those very same political elites that are quadrupling down on their green initiatives that using their own “science” will produce no measurable temperature reduction (not now, not at the end of the century). Those very same political elite that are destroying our children's future and pushing the unelected, unaccountable, totalitarian UN/WEF’s ideological visions on their citizens (and making them pay for that unnecessary transition). These are obviously my opinions. Are they also fact?



## Forest Fires Smoke Distributions

The empirical data does not back up the Catastrophic Anthropogenic Global Warming (CAGW) alarmist narrative. But then, neither does their “science” (CSS-30 – CMIP6 – Climate Models).

This post focused on the recent forest fire activity in Canada and clearly shows that forest fire trends do not correlate to rising CO<sub>2</sub> levels. That same statement can be made for forest fire trends from around the world (CSS-17 – Forest Fires – March 2022). Yet the media and our political elite continue to lie and link (with no empirical proof) every new major forest fire to “climate change”.

The same general statements can be extended to most extreme weather events (hurricanes, tornadoes, drought, etc.).

Yes, not surprisingly, they do lie.

[A Smoky May for North America \(nasa.gov\)](https://earthobservatory.nasa.gov/a-smoky-may-for-north-america)

<https://earthobservatory.nasa.gov/images/151384/a-smoky-may-for-north-america>

More detail? [climatechangeandmusic.com](https://climatechangeandmusic.com)