

# CANSO ATM TRAFFIC ANALYSIS REPORT

JULY 2021

## July brings encouraging signs of a summer peak

- There were 2.96 million flights operated globally in July 2021. This represents 84.5% of the 3.5 million flights operated in July 2019.
- July 2021 saw over 6 million flight hours operated globally. This is 84.5% of the 7.1 million flight hours flown in July 2019.
- The number of global flights and global flight hours in July 2021 are 46% higher than levels operated in July 2020.

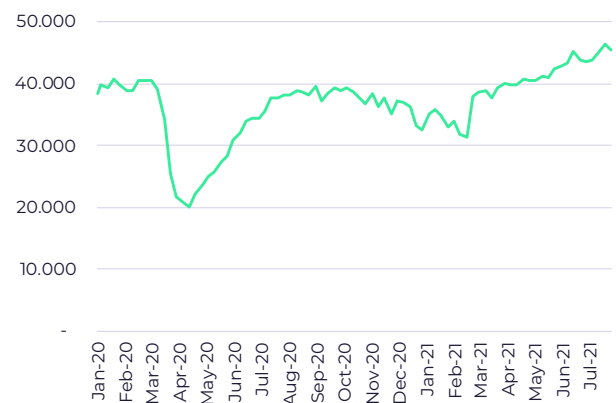
## A July that feels like a normal... January?

Global flights and flight hour activity continued to climb during July. While recovery has not reached traffic volumes of a pre-pandemic July, at a global level, flight volumes are at least starting to approach that of a normal January.

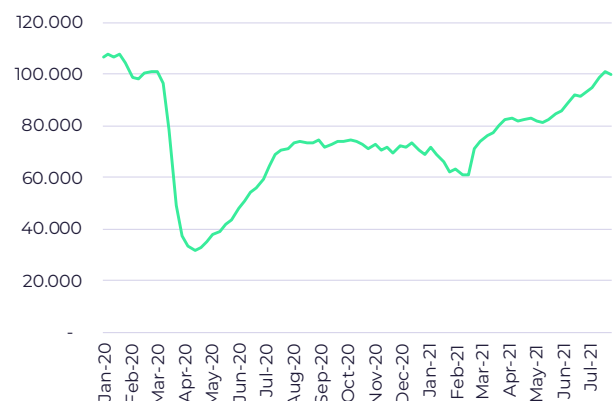
Daily average traffic increased by approximately 6% month over month, from 90,000 flights and 182,800 flight hours in June 2021 to 95,500 flights and 193,500 flight hours in July 2021.

While some large commercial aircraft remain parked, the number of unique aircraft operating daily has risen above January 2020 levels by 18%, likely driven in part by growth in business and general aviation activity.

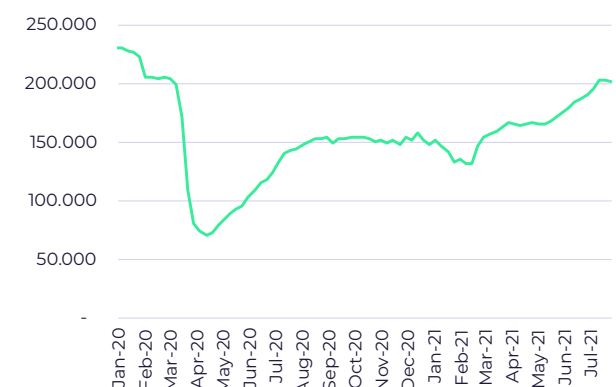
AVERAGE UNIQUE AIRCRAFT



AVERAGE GLOBAL FLIGHTS

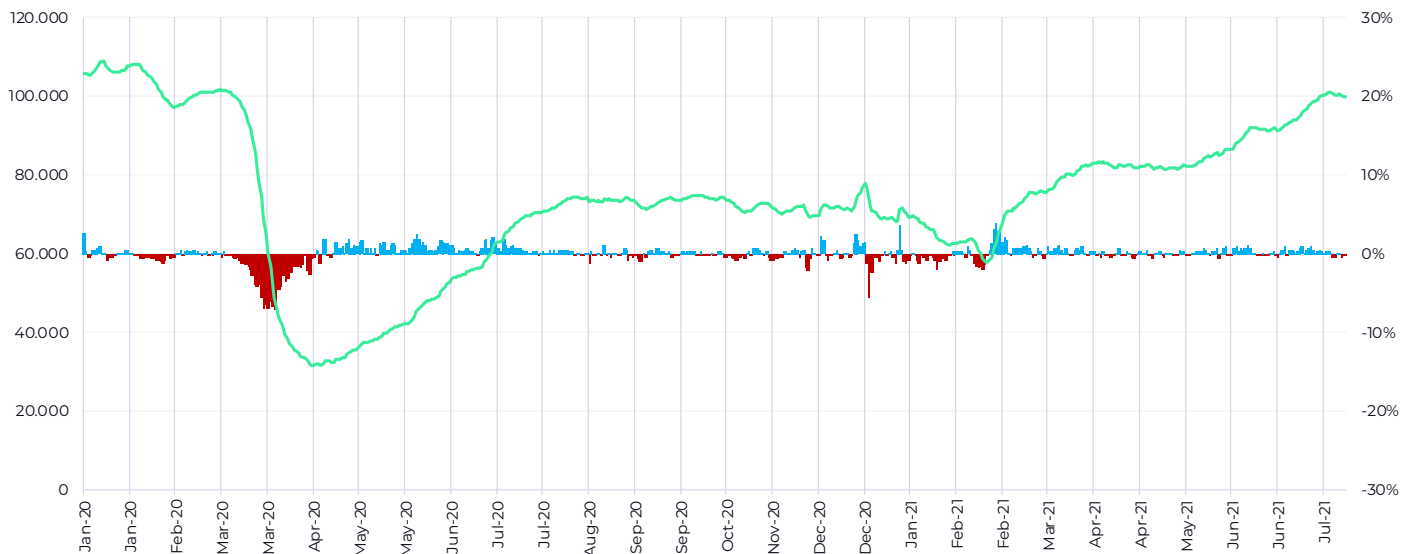


AVERAGE GLOBAL FLIGHT HOURS



# Global daily flights variation

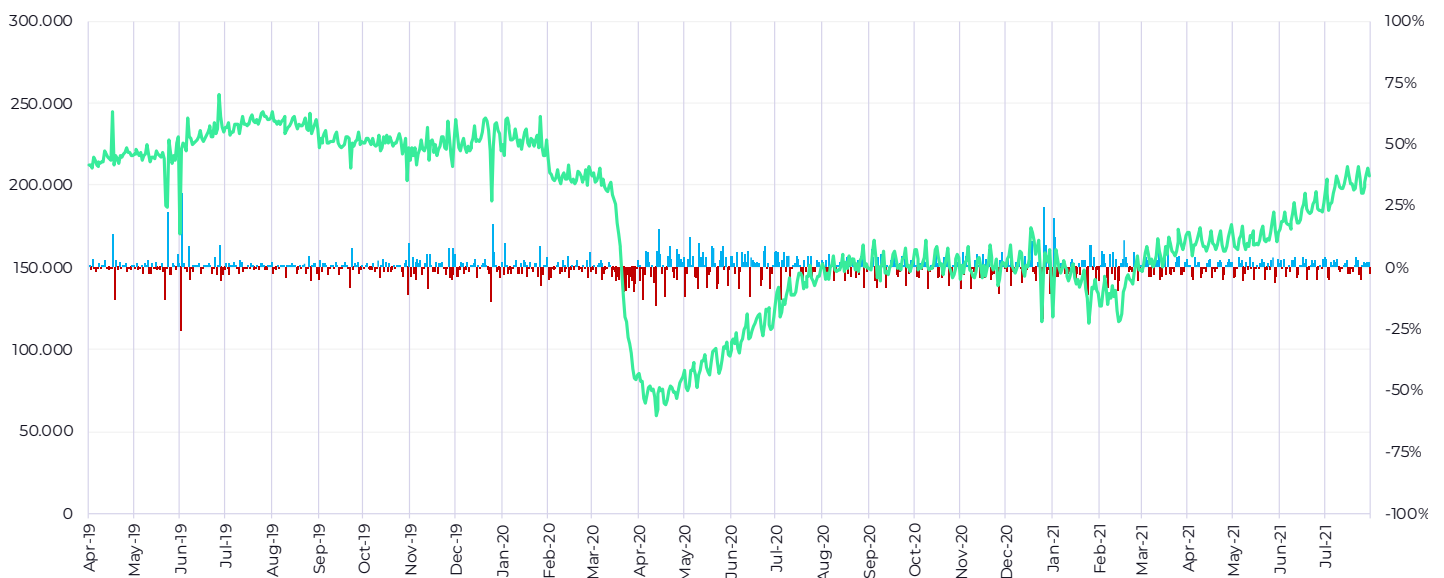
ROLLING 7-DAY AVERAGE OF DAILY FLIGHTS



The rolling 7-day average of global daily flight volumes hit another new post-pandemic high in July exceeding 101,000 flights on 23 July 2021.

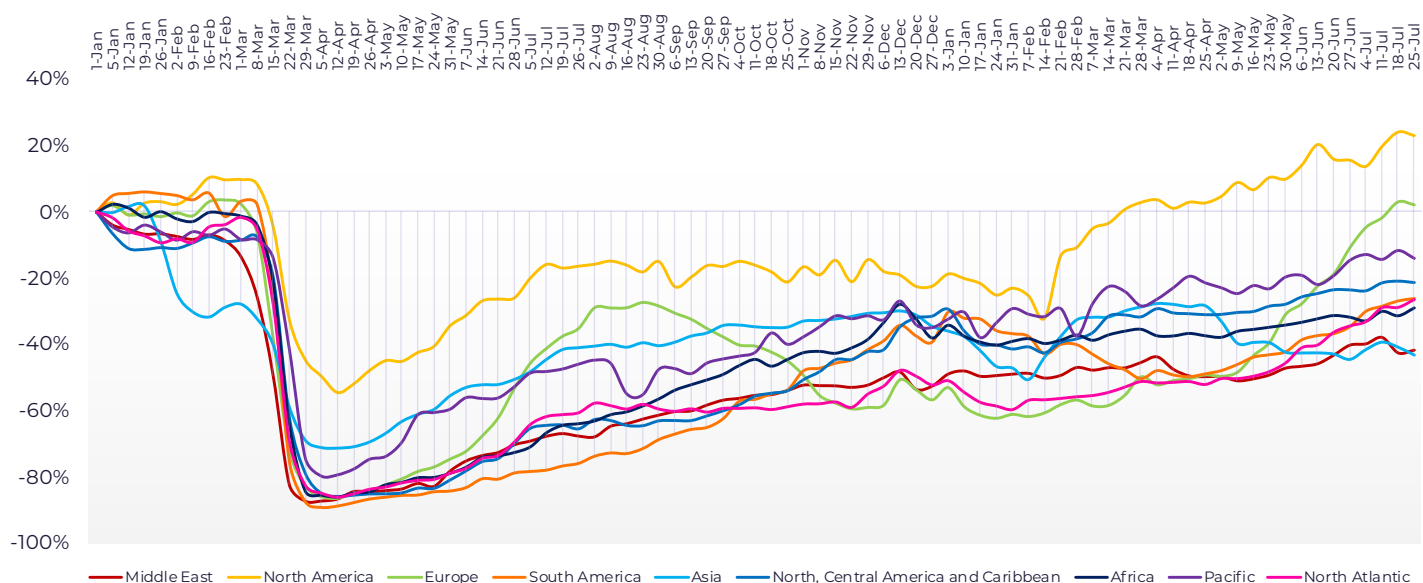
# Daily flight hours

FLIGHT HOURS SINCE APRIL 2019 WITH PERCENTAGE OF DAY-TO-DAY VARIABILITY



Global flight hours are an important metric of ATM workload. While global flight hours continue to be heavily impacted by ongoing restrictions on international travel, 23 July represents a new post-pandemic high point with 211,000 flight hours operated. July 2021 was the first month to see a day with flight hours exceeding 200,000 in 16 months.

## Percent change in movements by region



Regional traffic impacts continue to be unevenly felt. Traffic in the Middle East and Asia continues to be over 40% lower than traffic in January 2020, while the United States ended July at 123% of January 2020 volumes due to an increase in domestic activity, including business aviation and the addition of new routes by US carriers.

Most regions experienced an increase in daily flights in July over the month prior with the most significant growth occurring in the large traffic markets of Europe and the United States. Europe saw significant recovery with daily volumes growing by over 5,000 flights for the second month in a row. Daily volumes in Europe now exceed that of January 2020 for the first time.

## Tracking the recovery: Flights and flight hours by region

	Dates	Average daily flight hours	Percent change	Average daily movements	Percent change
Middle East	01 Jan 2020 25-Jul-2021	7,400 5,600	-24%	6,100 3,600	-41%
North America	01 Jan 2020 25-Jul-2021	67,400 78,900	+17%	38,000 46,800	+23%
Europe	01 Jan 2020 25-Jul-2021	44,700 45,700	+2%	24,900 25,400	+2%
South America	01 Jan 2020 25-Jul-2021	10,700 7,400	-31%	5,800 4,300	-26%
Asia	01 Jan 2020 25-Jul-2021	74,900 48,400	-35%	35,000 19,900	-43%
Caribbean	01 Jan 2020 25-Jul-2021	9,100 7,400	-19%	6,400 5,000	-22%
Africa	01 Jan 2020 25-Jul-2021	4,200 2,900	-31%	1,800 1,300	-28%
North Atlantic	01 Jan 2020 25-Jul-2021	6,800 4,700	-31%	2,300 1,700	-26%

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## ABOUT THE ATM REPORT

The ATM Report is issued bi-weekly by CANSO as an analysis of metrics directly relevant to the ATM industry. The report uses high fidelity global space-based ADS-B air traffic data provided via a partnership with Aireon. The data includes surveillance of all 1090Mhz ADS-B Equipped aircraft. While some non-ADS-B equipped aircraft may not be included, the data is appropriate for the monitoring of global trends in traffic levels.

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## ABOUT CANSO

The Civil Air Navigation Services Organisation (CANSO) is the global voice of air traffic management. CANSO Members support almost 90 percent of world air traffic and represent leading providers of technology and services to the industry. Members share information and develop new policies, with the ultimate aim of improving air navigation services.

For more, visit [canso.org](https://canso.org).

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## ABOUT AIREON

Aireon is harnessing next-generation aviation surveillance technologies that were formerly ground-based and, for the first time ever, is extending their reach globally through the use of satellite technology to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders.

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