



Monthly Network Operations Report

Overview July 2019



SUPPORTING EUROPEAN AVIATION



NETWORK
MANAGER



1. SUMMARY

Traffic in July 2019 increased by 0.9% compared to July 2018 and was aligned with the low forecast published in February 2019. Eight states added more than 50 flights daily to the network with Italy, Spain and France as the top contributors.

En-route ATFM delays (112,912 min/day) decreased by 16.5% and airport ATFM delays (28,984 min/day) increased by 14.4% compared to July 2018.

There were 320,215 minutes of ATFM delay on Saturday 27 July. The network has only experienced more delay on industrial action days.

There were, on average, 2,697 daily flights with an en-route ATFM delay of at least 15 minutes (-19.9% compared to July 2018).

Highlights include:

En-route:

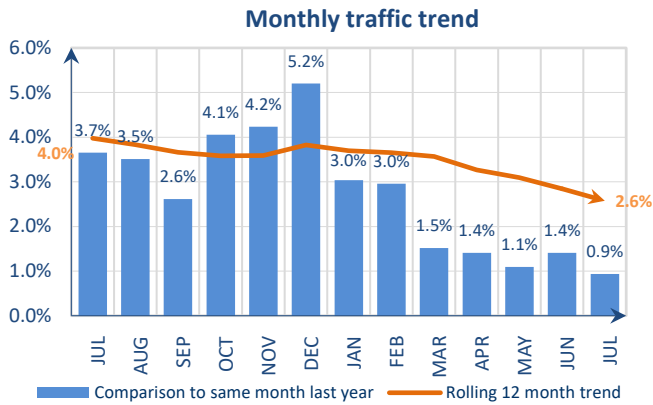
- Convective activity impacted operations strongly in Marseille, Vienna and to a lesser extent in Karlsruhe, Budapest and Zagreb ACCs;
- ATC capacity issues due to high demand in Vienna, Zagreb and Barcelona ACCs;
- High staffing delays in Marseille, Karlsruhe and Budapest ACCs.

Airport:

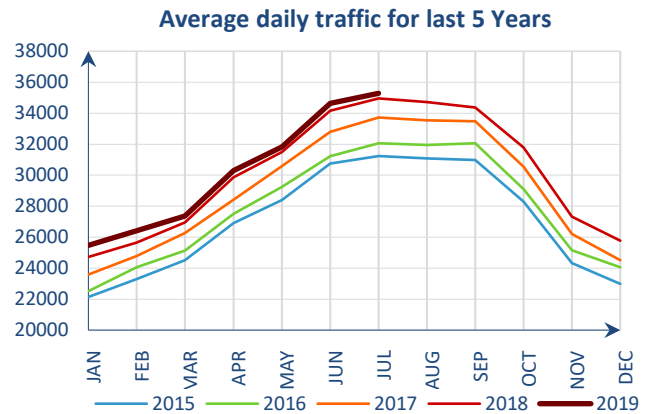
- High delays at Athens airport despite an overall increase in ATC Capacity in both Airport and TMA to meet the demand;
- Capacity delays at Lisbon airport due to military activity in the vicinity of the airport;
- Aerodrome capacity issues at Amsterdam/Schiphol generated high delays.

The average en-route ATFM delay per flight in the NM areaⁱ in July was 3.20 min/flt, which is well above the corresponding monthly guidelineⁱⁱ value of 1.09 min/flt. The average YTD en-route ATFM delay per flight in 2019 in the NM areaⁱ is 1.64 min/flt which is three times the corresponding guideline of 0.52 min.

2. TOTAL TRAFFIC

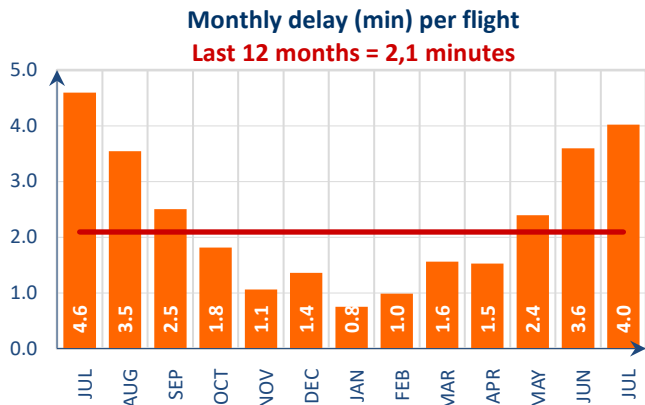


Traffic increased by 0.9% in July 2019ⁱⁱⁱ.

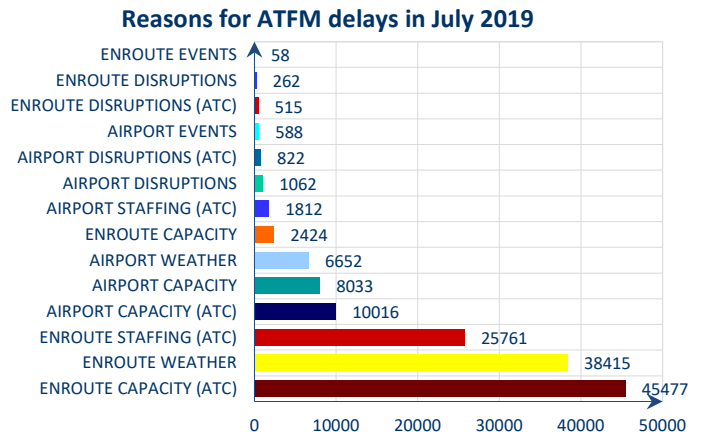


Average daily traffic in July 2019 was 35,282, the highest ever recorded for July.

3. ATFM DELAYS

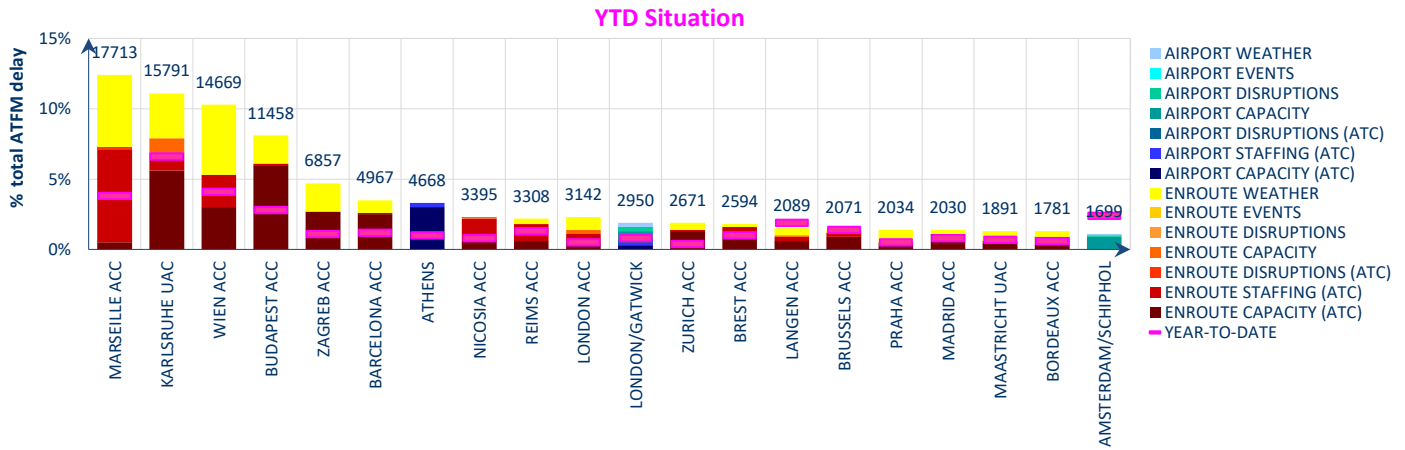


Average ATFM delay per flight increased from 3.6 min/flt in June 2019 to 4.0 min/flt in July 2019.



En-route ATC capacity (32.1%), en-route weather (27.1%) and en-route ATC staffing (18.2%) were the main causes of ATFM delays in July 2019.

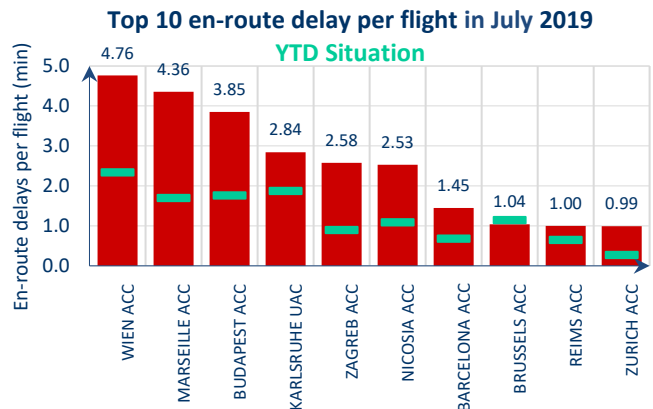
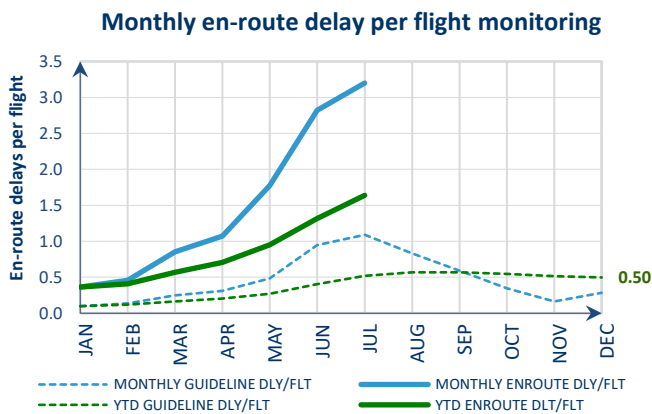
Top 20 delay locations (min) in July 2019



These are the top 20 delay generating locations for the reporting month with respect to total ATFM delays. Figures are the average daily delays in minutes for the individual locations.

- Convective activity impacted operations strongly in Marseille, Vienna and to a lesser extent in Karlsruhe, Budapest and Zagreb ACCs;
- ATC capacity issues due to high demand in Vienna, Zagreb and Barcelona ACCs;
- High delays due to staffing in Marseille, Karlsruhe and Budapest ACCs;
- High delays at Athens airport despite an overall increase in ATC capacity in both airport and TMA to meet the demand.

4. EN-ROUTE ATFM DELAY MONITORING

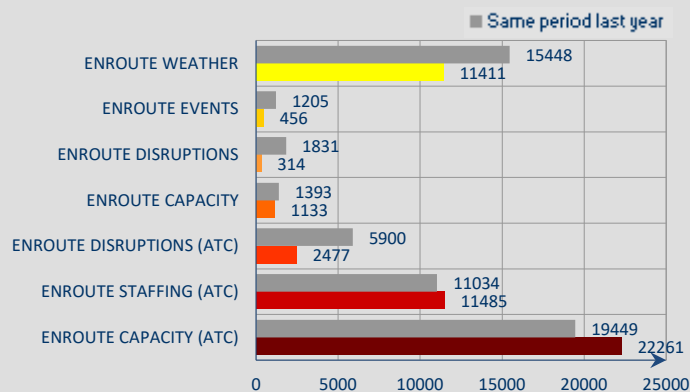


Reporting month: The average en-route ATFM delay per flight in the NM areaⁱ in July was 3.20 min/flt, which is well above the corresponding monthly guidelineⁱⁱ value of 1.09 min/flt.

Year To Date: The average YTD en-route ATFM delay per flight in 2019 in the NM areaⁱ is 1.64 min/flt which is three times the corresponding guideline of 0.52 min/flt.

Weather delays in Vienna, Marseille, Budapest, Karlsruhe, Zagreb and Barcelona ACCs; ATC capacity issues in Vienna, Budapest, Karlsruhe, Zagreb, Nicosia, Barcelona, Brussels, Reims and Zurich ACCs; ATC staffing delay in Vienna, Marseille, Karlsruhe, Nicosia, Brussels and Reims ACCs.

Year-to-date average daily en-route delays



En-route ATC staffing and ATC capacity delays are above last year's level. The main contributors are:
En-route weather (-26.1%) in Vienna, Marseille, Karlsruhe, Budapest and Zagreb ACCs;
En-route events (-62.2%) in Bucuresti, Bordeaux, Maastricht, Madrid and Vienna ACCs;
En-route disruptions (-82.9%) in Madrid ACC;
En-route capacity (-18.7%) in Karlsruhe, Nicosia, Zagreb, Langen and London ACCs;
En-route ATC disruptions (-58.0%) in Marseille, Brest, Bordeaux, Brussels and Langen ACCs;
En-route ATC staffing (+4.1%) in Marseille, Karlsruhe, Vienne, Brussels and Reims ACCs;
En-route ATC capacity (+14.5%) in Karlsruhe, Budapest, Vienna, Langen and Bremen ACCs.

NOTICE

Traffic and Delay Comparisons

All traffic and delay comparisons are between report month and equivalent month of previous year, unless otherwise stated.

NM Area

All figures presented in this report are for the geographical area that is within Network Manager's responsibility (NM area). For further information on the NM Area go to the Reporting Assumptions and Descriptions document available on the EUROCONTROL website at <http://www.eurocontrol.int/articles/network-operations-monitoring-and-reporting>.

Regulation Reason Groupings

See Analysis for more information on colour coding. For further information on the NM Area and the regulation reason groupings, go to the Reporting Assumptions and Descriptions document available on the EUROCONTROL website at <http://www.eurocontrol.int/articles/network-operations-monitoring-and-reporting>.

ATFM Statistics dashboard

More detailed information available via the new **ATFM Statistics dashboard**

Operational Analysis & Reporting,
 Performance, Forecasts and Relations (PFR) Unit,
 Network Manager Directorate (NMD),
 EUROCONTROL,
 96 Rue de la Fusée,
 B - 1130 Brussels

mailto:nm.ops.perf@eurocontrol.int
<https://www.eurocontrol.int/network-performance>

i See Notice on page 4 for more information on NM Area.

ii NM's calculation that provides the guideline en-route delay (min) requirements to achieve the annual target (0.5 min/flight).

iii See notice on page 4 for more information on traffic and delays comparisons.



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