



Network Manager
nominated by
the European Commission



Monthly Network Operations Report

Overview – August 2018



1. SUMMARY

Traffic in August 2018 increased by 3.5% compared to August 2017 and was in line with the high forecast. There were 36,966 flights on 31 August, which was a record for the network. Ten states added more than 50 flights daily to the network with Germany, Greece and Poland as the top contributors.

Total ATFM delays increased by 64.0% in August 2018 compared to August 2017. En-route ATFM delays (99,640 min/daily) doubled (102.1%) mainly due to ATC capacity/staffing and weather; airport ATFM delays (23,340 min/daily) decreased by 9.2% and stabilised over summer months. The average daily flights with an en-route ATFM delay of at least 15 minutes also doubled (103.1%) compared to August 2017.

Highlights include:

En-route:

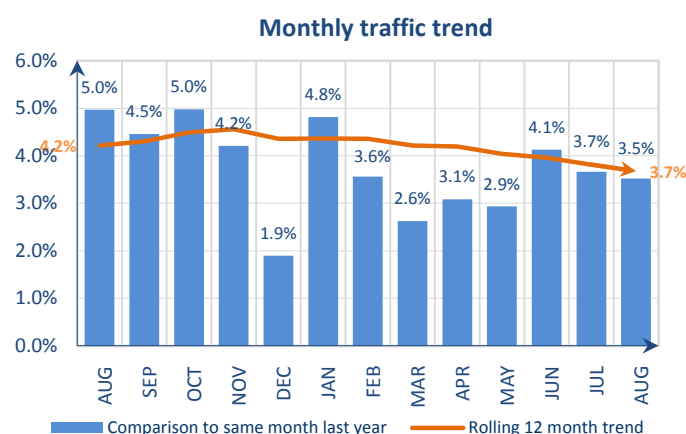
- High ATC capacity delays in Karlsruhe UAC;
- High ATC staffing delays in Marseille ACC;
- Weather affected large areas of Western Central Europe and generated significant delays;

Airport:

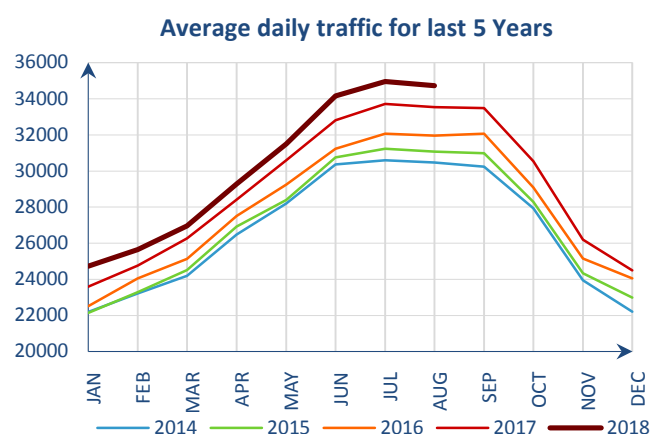
- Thunderstorms impacted operations at Palma de Mallorca and Barcelona airports.

The average en-route ATFM delay per flight in the NM areaⁱ in August was 2.87 min/ft, which is well above the corresponding monthly guidelineⁱⁱ value of 0.84 min/ft. The average YTD en-route ATFM delay per flight in 2018 in the NM areaⁱ is 2.04 min/ft which is more than three times the corresponding guideline value of 0.57 min/ft.

2. TOTAL TRAFFIC

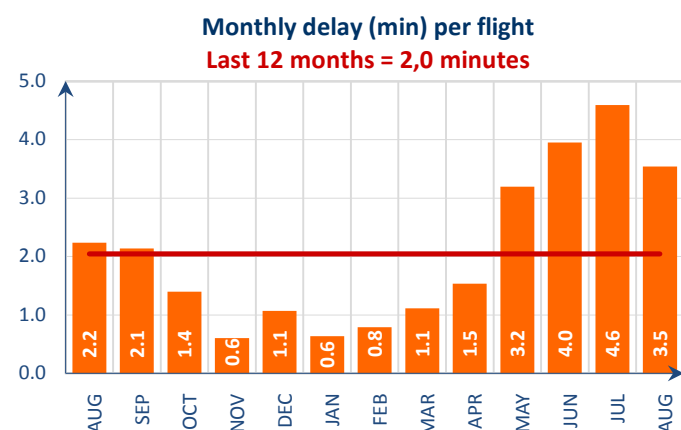


Traffic increased by 3.5% in August 2018ⁱⁱⁱ.

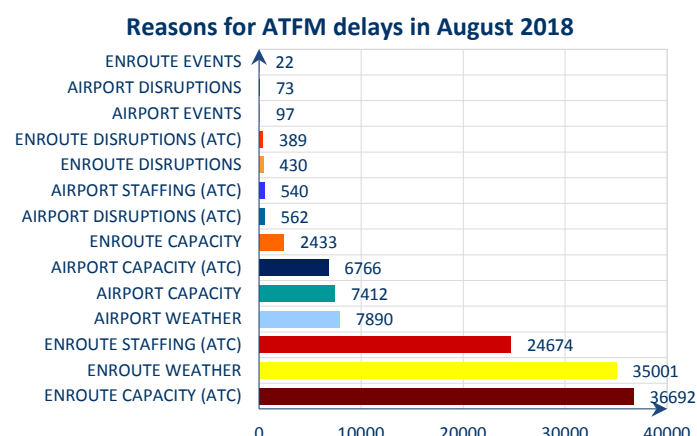


Average daily traffic in August 2018 was the highest ever recorded for August.

3. ATFM DELAYS



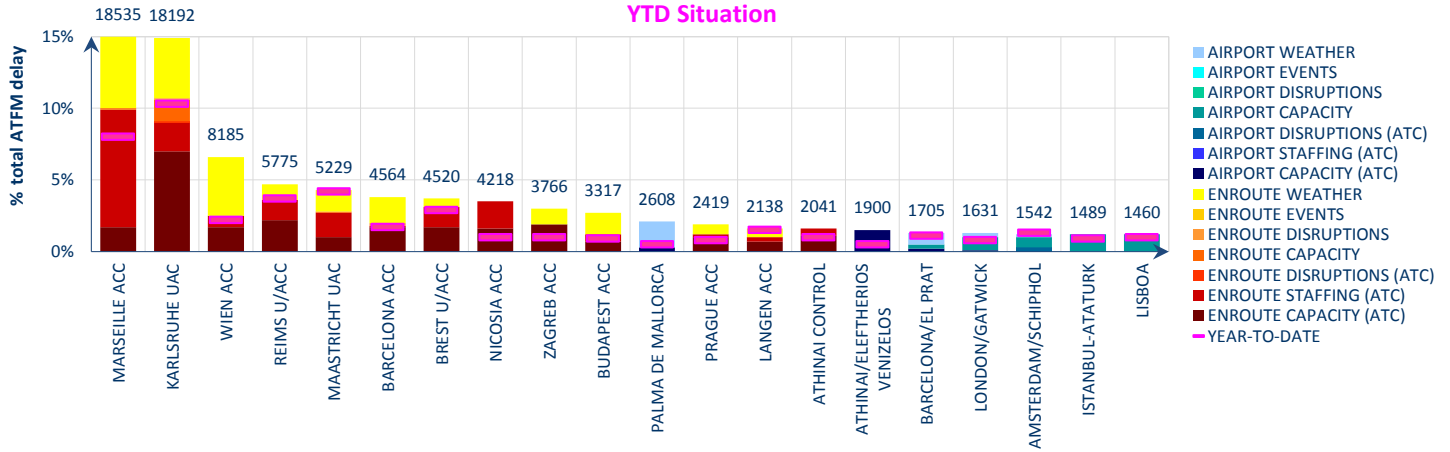
Average ATFM delay per flight decreased from 4.6 min/ft in July 2018 to 3.5 min/ft in August 2018.



En-route ATC capacity (29.8%), en-route weather (28.5%) and en-route ATC staffing (20.1%) were the main causes of ATFM delays in August 2018.

Top 20 delay locations (min) in August 2018

YTD Situation

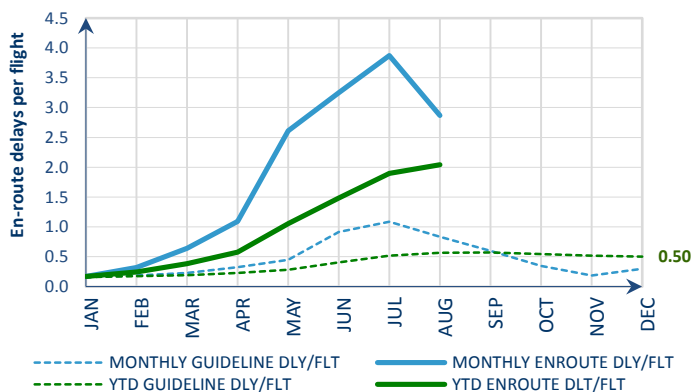


These are the top 20 delay generating locations for the reporting month with respect to total ATFM delays. Figures are the average daily delays in minutes for the individual locations.

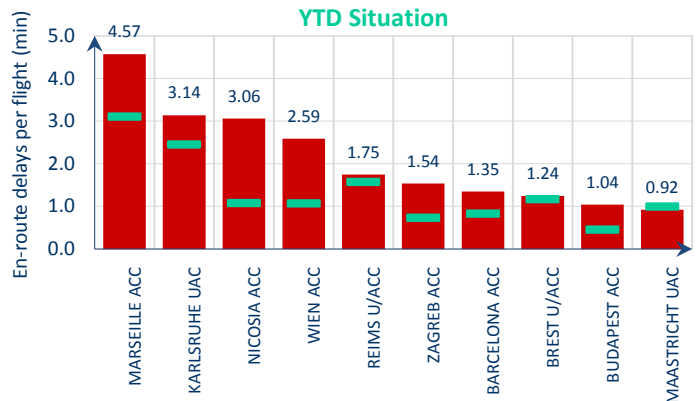
- High en-route capacity delays in Karlsruhe UAC, and to a lesser extent in Reims, Zagreb, Brest, Vienna and Marseille ACCs;
- En-route weather issues in Marseille, Karlsruhe, Vienna, Reims, Barcelona and Maastricht ACCs;
- High en-route staffing delays in Marseille ACC, and to a lesser extent in Karlsruhe, Nicosia, Maastricht, Reims and Brest ACCs.
- Thunderstorms impacted operations at Palma de Mallorca and Barcelona airports.

4. EN-ROUTE ATFM DELAY MONITORING

Monthly en-route delay per flight monitoring



Top 10 en-route delay per flight in August 2018

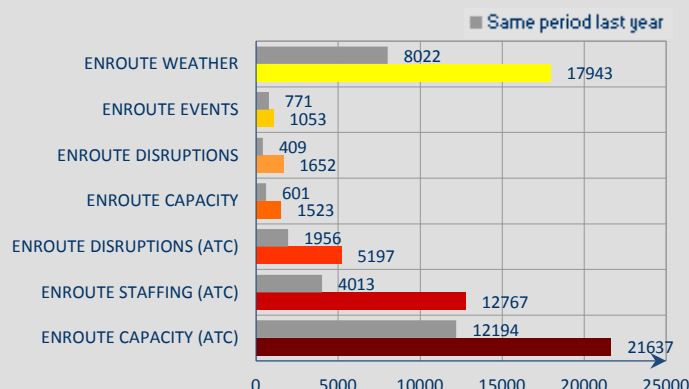


Reporting month: The average en-route ATFM delay per flight in the NM areaⁱ in August was 2.87 min/flt, which is well above the corresponding monthly guidelineⁱⁱ value of 0.84 min/flt.

Year To Date: The average YTD en-route ATFM delay per flight in 2018 in the NM areaⁱ is 2.04 min/flt which is more than three times the corresponding guideline value of 0.57 min/flt.

High delays due to ATC staffing issues and weather in Marseille ACC; ATC capacity issues due to high demand and weather in Karlsruhe UAC; ATC capacity and staffing issues in Nicosia and Reims ACCs; Weather impacted operations in Vienna ACC.

Year-to-date average daily en-route delays



All en-route delays are above last year's level (YTD), the main contributors are:

En-route weather (+123.7%) in Karlsruhe, Maastricht, Marseille, Vienna and Reims ACCs;

En-route events (+36.6%) in London TMA, Maastricht and Barcelona ACCs;

En-route disruptions (+303.9%) in Reims, Brest, Karlsruhe, Bordeaux and Madrid ACCs;

En-route capacity (+153.4%) in Karlsruhe, Maastricht, Reims, Marseille and Nicosia ACCs;

En-route ATC disruption (+165.7%) in Marseille, Brest, Bordeaux, Reims and Paris ACCs;

En-route ATC staffing (+218.1%) in Marseille, Karlsruhe, Maastricht, Reims and Brest ACCs;

En-route ATC capacity (+77.4%) in Karlsruhe, Reims, Brest, Maastricht and Marseille ACCs.

NOTICE

Incomplete traffic data – 3 April

NM operational data archive for 3 April is incomplete due to NM system outage (See note iv).

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**

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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.

iv On the 03 April the Network Manager suffered an outage of its technical system affecting its operational services, which resulted in the non-availability of traffic data. Therefore the NOR traffic data for this date are based on guideline estimated traffic.