

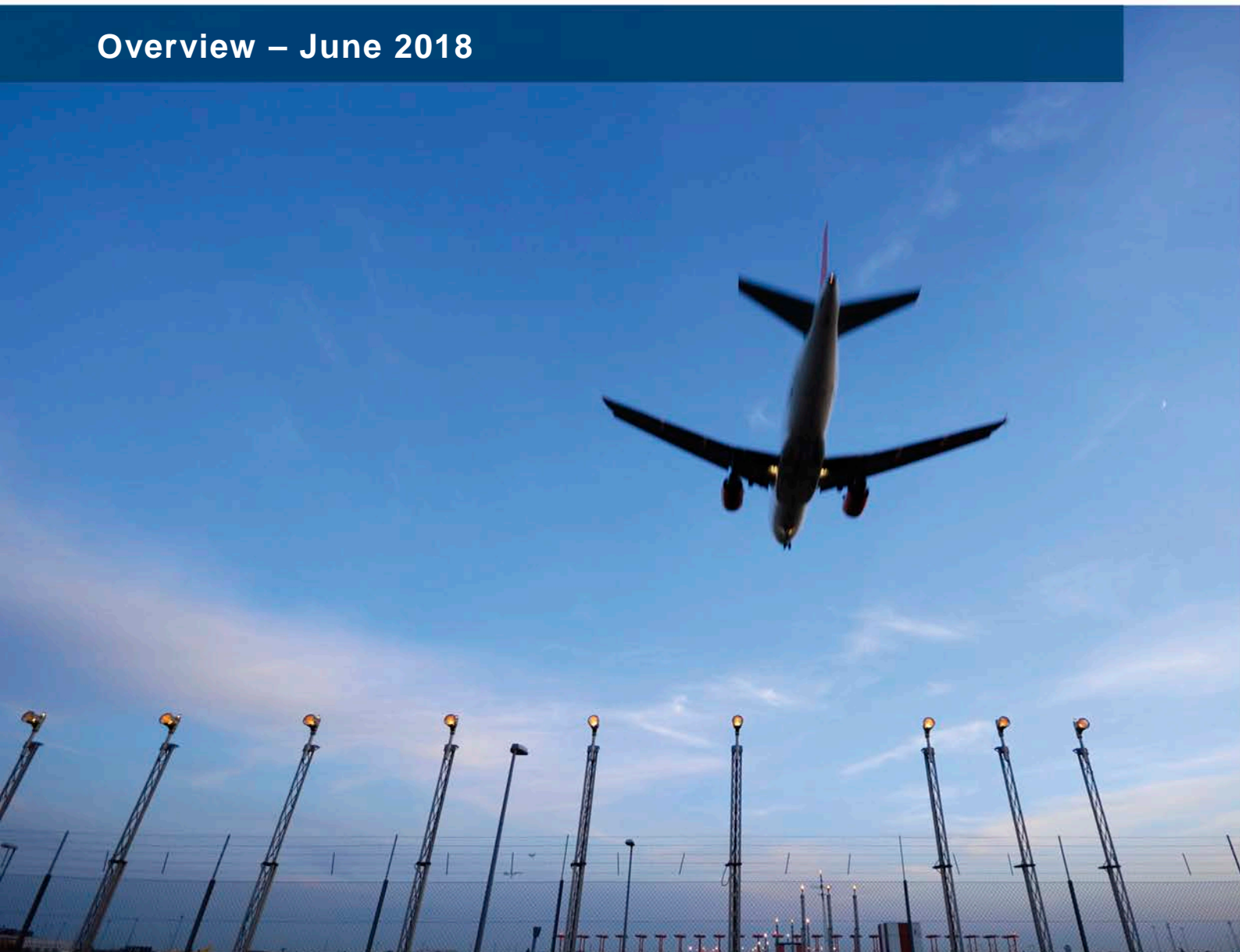


Network Manager
nominated by
the European Commission



Monthly Network Operations Report

Overview – June 2018



1. SUMMARY

Traffic in June 2018 increased by 4.1% compared to June 2017 and was in line with the high forecast. The last week of June was the busiest ever week for the network, with a record of 36,825 flights on Friday 29 June. Twelve states added more than 50 flights daily to the network with Turkey, Greece and Germany as the top contributors.

Total ATFM delays increased by 110.1% in June 2018 compared to June 2017. En-route ATFM delays (111,008 min/daily) increased by 150.2% mainly due to ATC capacity/staffing, weather and industrial action; airport ATFM delays (23,926 min/daily) increased by 20.4% mainly due to weather and aerodrome capacity. The average daily flights with an en-route ATFM delay of at least 15 minutes increased by 158.3% compared to June 2017. All weekend days, but one, had ATFM delay/flight over 5 minutes.

Highlights include:

En-route:

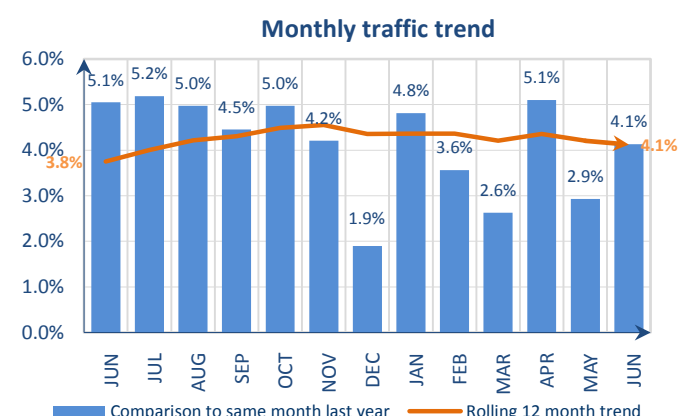
- 800,000 minutes of weather delays throughout the central area of the network in the first part of the month and particularly in Karlsruhe UAC;
- Over 400,000 minutes of delay due to ATC industrial action in Marseille ACC;
- High ATC capacity delays in Karlsruhe UAC;
- ATC staffing issues in Marseille, Maastricht and Reims ACCs.

Airport:

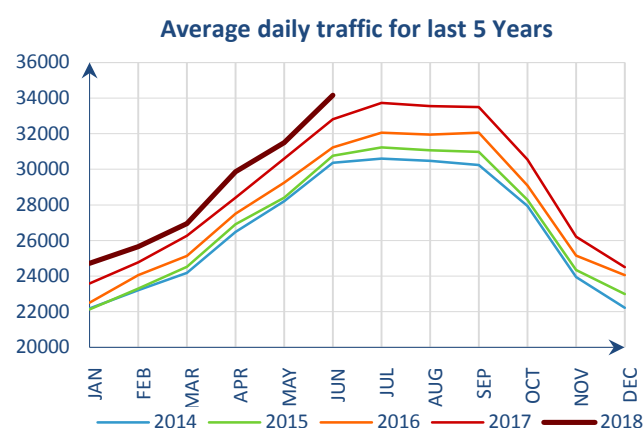
- Seasonal weather impacted operations at Frankfurt/Main and Amsterdam/Schiphol airports;
- There were capacity issues at Lisbon, London/Gatwick and Amsterdam/Schiphol airports.

The average en-route ATFM delay per flight in the NM areaⁱ in June was 3.25 min/ft, which is well above the corresponding monthly guidelineⁱⁱ value of 0.92 min/ft. The average YTD en-route ATFM delay per flight in 2018 in the NM areaⁱ is 1.49 min/ft which is more than three times the corresponding guideline value of 0.40 min/ft.

2. TOTAL TRAFFIC

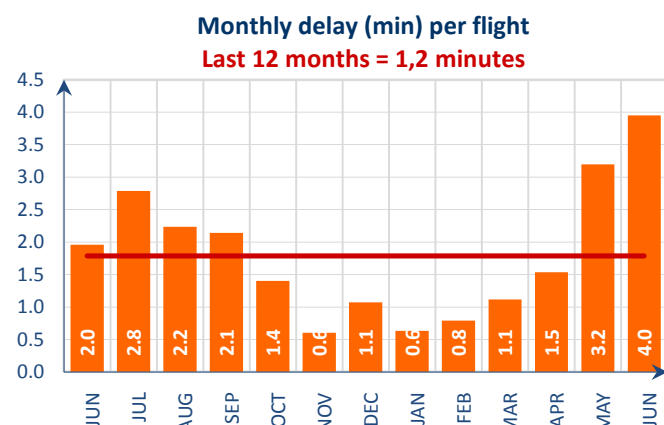


Traffic increased by 4.1% in June 2018ⁱⁱⁱ.

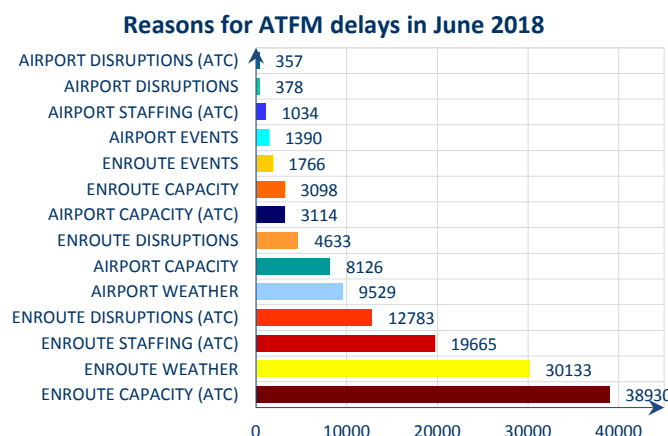


Average daily traffic in June 2018 was the highest for June in the last five years.

3. ATFM DELAYS



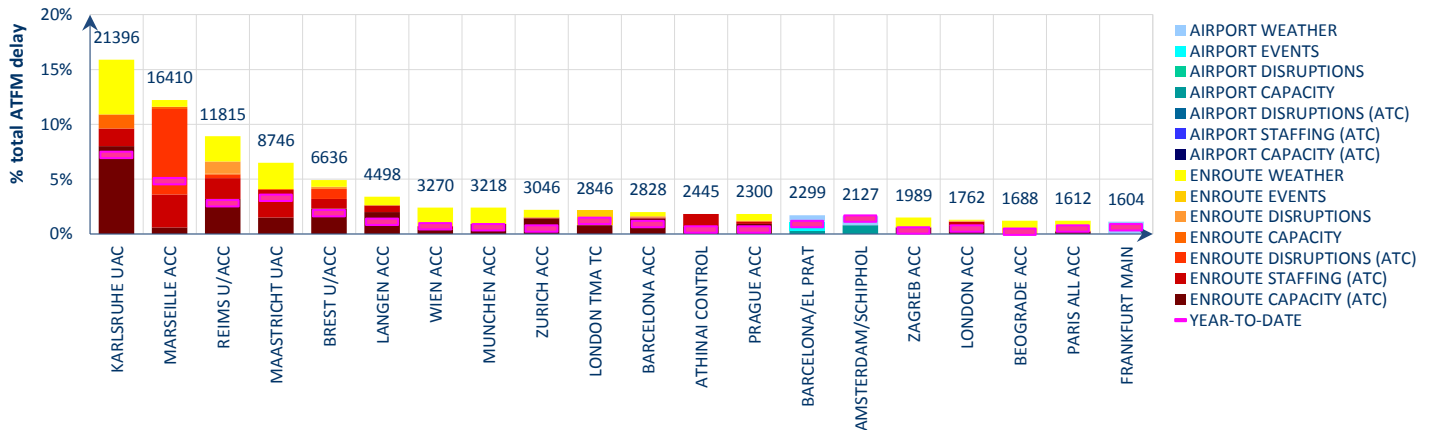
Average ATFM delay per flight increased from 3.2 min/ft in May 2018 to 4.0 min/ft in June 2018.



En-route ATC capacity (28.9%), en-route weather (22.3%) and en-route ATC staffing (14.6%) were the main causes of ATFM delays in June 2018.

Top 20 delay locations (min) in June 2018

YTD Situation

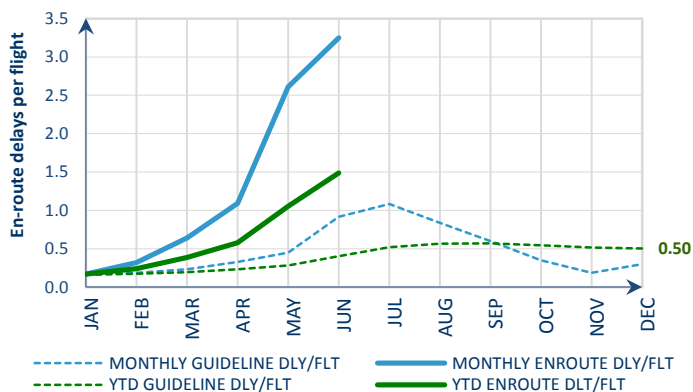


These are the top 20 delay generating locations for the reporting month with respect to total ATFM delays. Figures are the average daily delays in minutes for the individual locations.

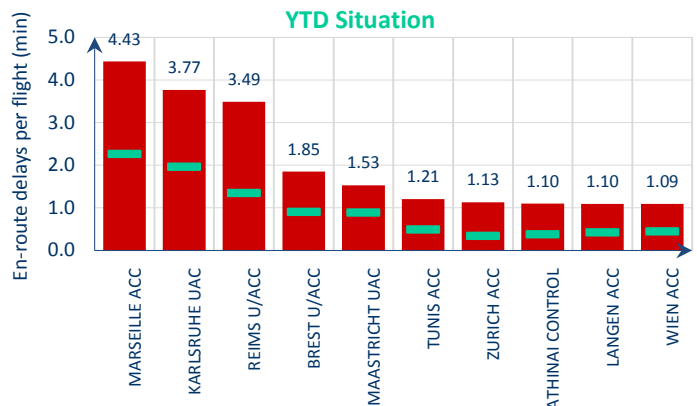
- High en-route capacity delays in Karlsruhe UAC, and to a lesser extent in Langen, Reims, Brest, Maastricht and London ACCs;
- En-route weather issues in Karlsruhe, Langen, Reims, Maastricht and Vienna ACCs;
- En-route ATC staffing issues in Marseille, Maastricht, Reims, Karlsruhe, Brest and Athens ACCs;
- ATC industrial action in Marseille ACC generated disruptions in Marseille ACC with additional delays in Reims ACC;
- Implementation of Extended Computer Display system in London TC.
- Delays at Barcelona airport due to BRAIN (Barcelona RNAV Approach Innovations) implementation in Barcelona TMA.

4. EN-ROUTE ATFM DELAY MONITORING

Monthly en-route delay per flight monitoring



Top 10 en-route delay per flight in June 2018

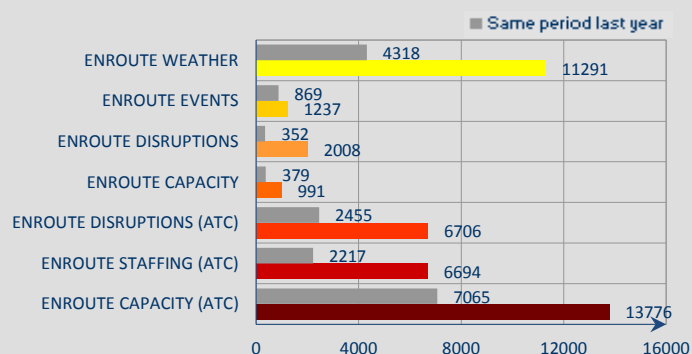


Reporting month: The average en-route ATFM delay per flight in the NM areaⁱ in June was 3.25 min/flt, which is well above the corresponding monthly guidelineⁱⁱ value of 0.92 min/flt.

Year To Date: The average YTD en-route ATFM delay per flight in 2018 in the NM areaⁱ is 1.49 min/flt which is which is more than three times the corresponding guideline value of 0.40 min/flt.

ATC disruptions in Marseille ACC; ATC capacity in Karlsruhe, Reims, Brest and Maastricht ACCs; Staffing in Marseille, Maastricht, Reims, Karlsruhe and Athens airports; Weather issues in Karlsruhe, Maastricht, Reims and Vienna ACCs; Disruptions in Tunis ACC due to Marseille industrial action.

Year-to-date average daily en-route delays



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

En-route weather (+161.5%) in Karlsruhe, Maastricht, Reims, Vienna and Langen ACCs;

En-route events (+42.4%) in London TC, Maastricht, Barcelona TMA, Madrid and Karlsruhe ACCs;

En-route disruptions (+470.5%) in Reims, Brest, Madrid, Karlsruhe and Milano ACCs;

En-route capacity (+161.5%) in Karlsruhe, Reims, Maastricht, Marseille and Nicosia ACCs;

En-route ATC disruption (+173.2%) in Marseille, Brest, Bordeaux, Reims and Paris ACCs;

En-route ATC staffing (+201.9%) in Karlsruhe, Maastricht, Marseille, Reims and Brest ACCs;

En-route ATC capacity (+95%) in Karlsruhe, Reims, Brest, Maastricht and Langen 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.