



Network Manager
nominated by
the European Commission



Monthly Network Operations Report

Overview – March 2018



1. SUMMARY

Traffic in March 2018 increased by 2.6% compared to March 2017 and was close to the baseline forecast. Nine states added more than 50 flights daily to the network with Spain, Turkey and Poland as the top contributor. NM estimates that some 6,600 flights were cancelled during March due to Storm Emma. This represents 0.8% of expected March traffic.

Total ATFM delays increased by 4.4% in March 2018 compared to March 2017. En-route ATFM delays (17,276 min/daily) decreased by 5.4%; airport ATFM delays (12,740 min/daily) increased by 21.3% mainly due to weather.

Highlights include:

En-route:

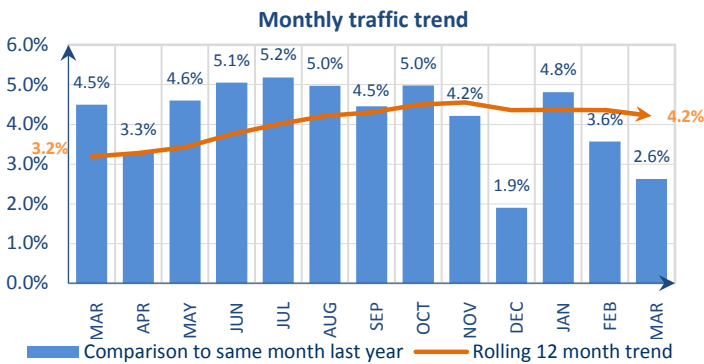
- French ATC industrial action from 21 March to 23 March generated over 99,000 minutes of ATFM delay. NM estimates there were 1,300 fewer flights during the action;
- Italian ATC industrial action on 08 March generated over 8,000 minutes of ATFM delay. NM estimates there were 260 fewer flights during the the action;
- En-route ATC staffing issues in Karlsruhe and Maastricht UACs;
- En-route capacity delays in Karlsruhe, London, Canarias and Langen ACCs;
- ATM interface transition in Bordeaux/Madrid ACCs.

Airport:

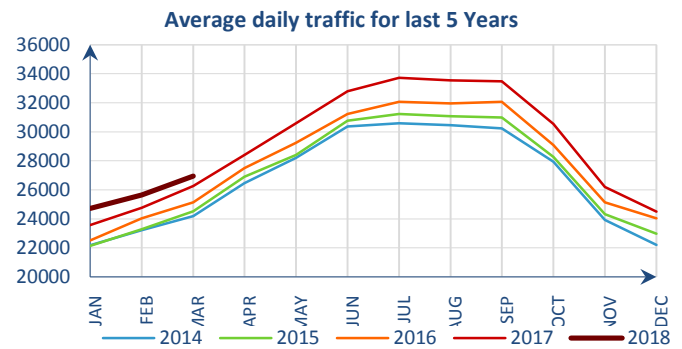
- Seasonal weather impacted operations at Istanbul/Atatürk, Amsterdam/Schiphol, London/Heathrow and Geneva airports;
- There were capacity issues at Istanbul/Atatürk and Amsterdam/Schiphol airports;
- Naples airport became fully operational A-CDM on 27 March;
- Copenhagen airport became the first A-CDM airport to exchange data with NM via business-to-business (B2B) web services on 21 March;
- Menorca airport became fully operational Advanced ATC tower on 20 March.

The average en-route ATFM delay per flight in the NM areaⁱ in March was 0.64 min/ft, which is above the corresponding monthly guidelineⁱⁱ value of 0.23 min/ft. The average YTD en-route ATFM delay per flight in 2018 in the NM areaⁱ is 0.39 min/ft which is above the corresponding guideline value of 0.19 min/ft.

2. TOTAL TRAFFIC

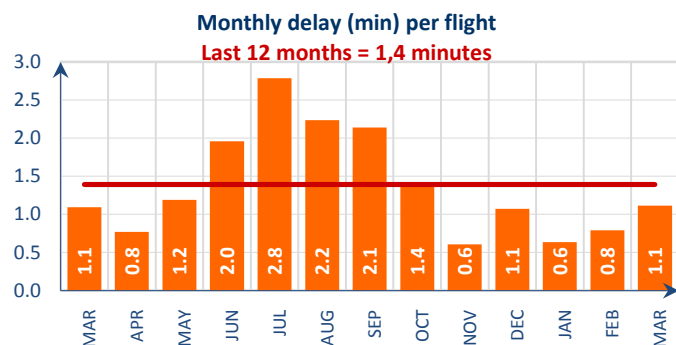


Traffic increased by 2.6% in March 2018ⁱⁱⁱ.

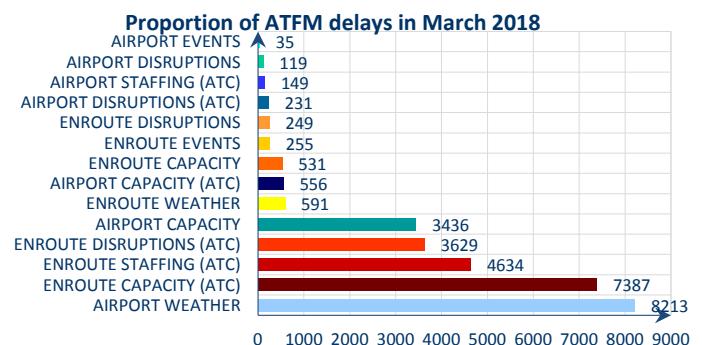


Average daily traffic in March 2018 was the highest for March in the last five years.

3. ATFM DELAYS



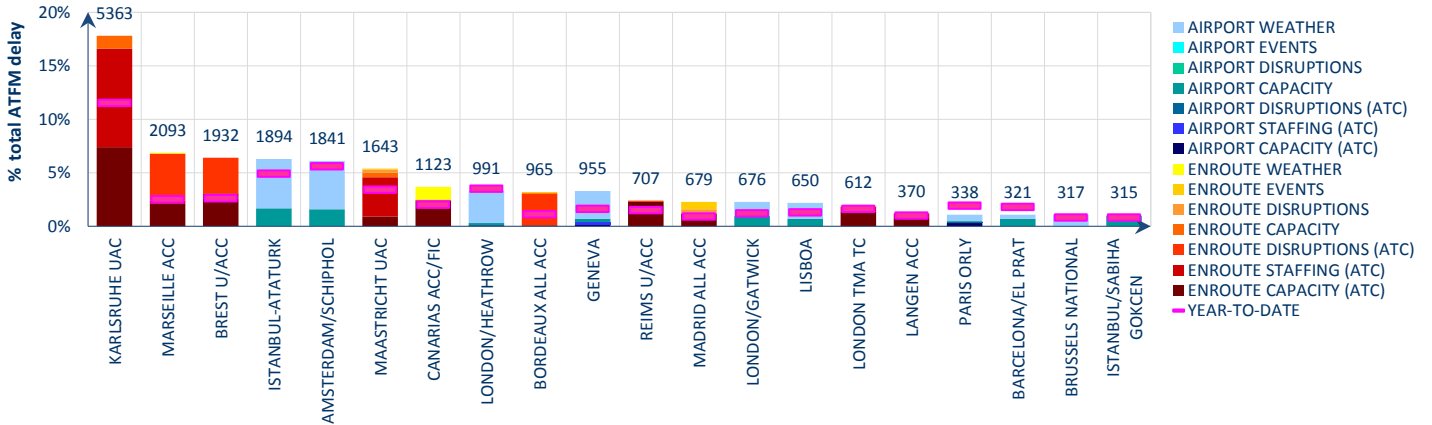
Average ATFM delay per flight increased from 0.8 min/ft in February 2018 to 1.1 min/ft in March 2018.



Airport weather (27.4%), en-route ATC capacity (24.6%), en-route ATC staffing (15.4%) were the main causes of ATFM delays in March 2018.

Top 20 delay locations (min) in March 2018

YTD Situation

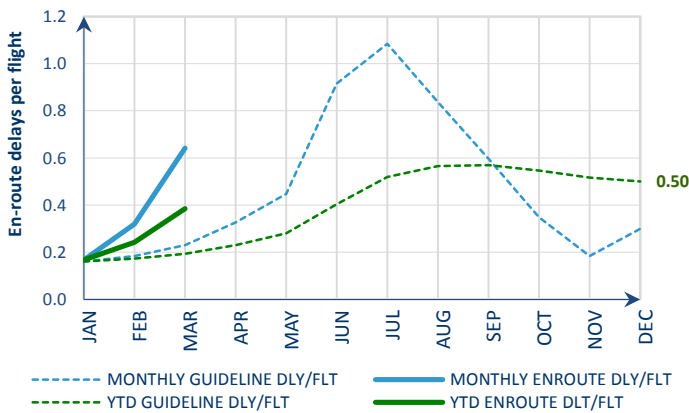


These are the top 20 delay generating locations for the reporting month with respect to total ATFM delays. Figures are the average daily delays in minutes for the individual locations.

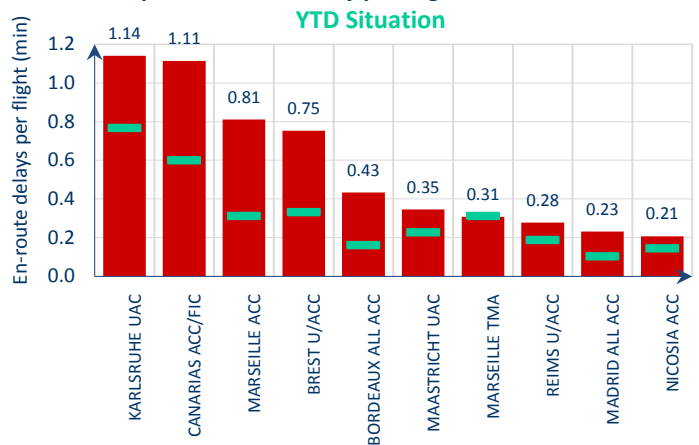
- French ATC industrial action from 21 March to 23 March resulted in disruption delays for Marseille, Brest and Bordeaux ACCs;
- Seasonal weather impacted operations at Istanbul/Atatürk, Amsterdam/Schiphol, London/Heathrow and Geneva airports;
- En-route ATC staffing issues in Karlsruhe and Maastricht UACs;
- En-route capacity delays in Karlsruhe, London, Canarias, Langen, Marseille, Brest and Reims ACCs;
- Capacity issues at Istanbul/ Atatürk and Amsterdam/Schiphol airports;
- ATM interface transition in Bordeaux/Madrid ACCs.

4. EN-ROUTE ATFM DELAY MONITORING

Monthly en-route delay per flight monitoring



Top 10 en-route delay per flight in March 2018

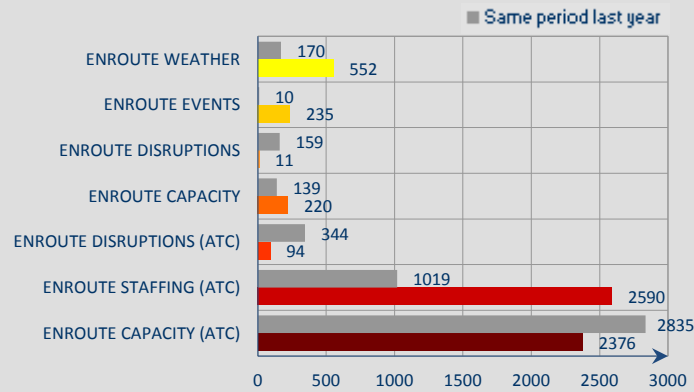


Reporting month: The average en-route ATFM delay per flight in the NM areaⁱ in March was 0.64 min/ft, which is above the corresponding monthly guidelineⁱⁱ value of 0.23 min/ft.

Year To Date: The average YTD en-route ATFM delay per flight in 2018 in the NM areaⁱ is 0.39 min/ft which is above the network target 0.19 min/ft.

Staffing and capacity in Karlsruhe UAC; Capacity and weather issues in Canarias ACC; Capacity and disruptions in Marseille, Brest and Bordeaux ACCs; Staffing issues in Maastricht UAC; Capacity issues in Reims, Madrid and Nicosia ACCs;

Year-to-date average daily en-route delays



En-route weather, events, capacity and ATC staffing delays are above last year's level (YTD):

En-route weather in Canarias, Maastricht, London TC and Karlsruhe ACCs;

En-route events in London TC, Madrid and Marseille ACCs;

En-route disruptions in Madrid and Maastricht ACCs;

En-route capacity in Karlsruhe, Maastricht and Scottish ACCs;

En-route ATC disruption in Marseille, Brest, Bordeaux and Paris ACCs;

En-route ATC staffing in Karlsruhe, Maastricht, Langen and Brest ACCs;

En-route ATC capacity in Karlsruhe, Reims, Brest, Canarias and London TC 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>.

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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.