

A stylized map of Iceland in teal, overlaid with a white grid of latitude and longitude lines. A black airplane icon is positioned in the center of the map, flying towards the top. Several yellow dots are scattered across the map, likely representing navigation points or airports.

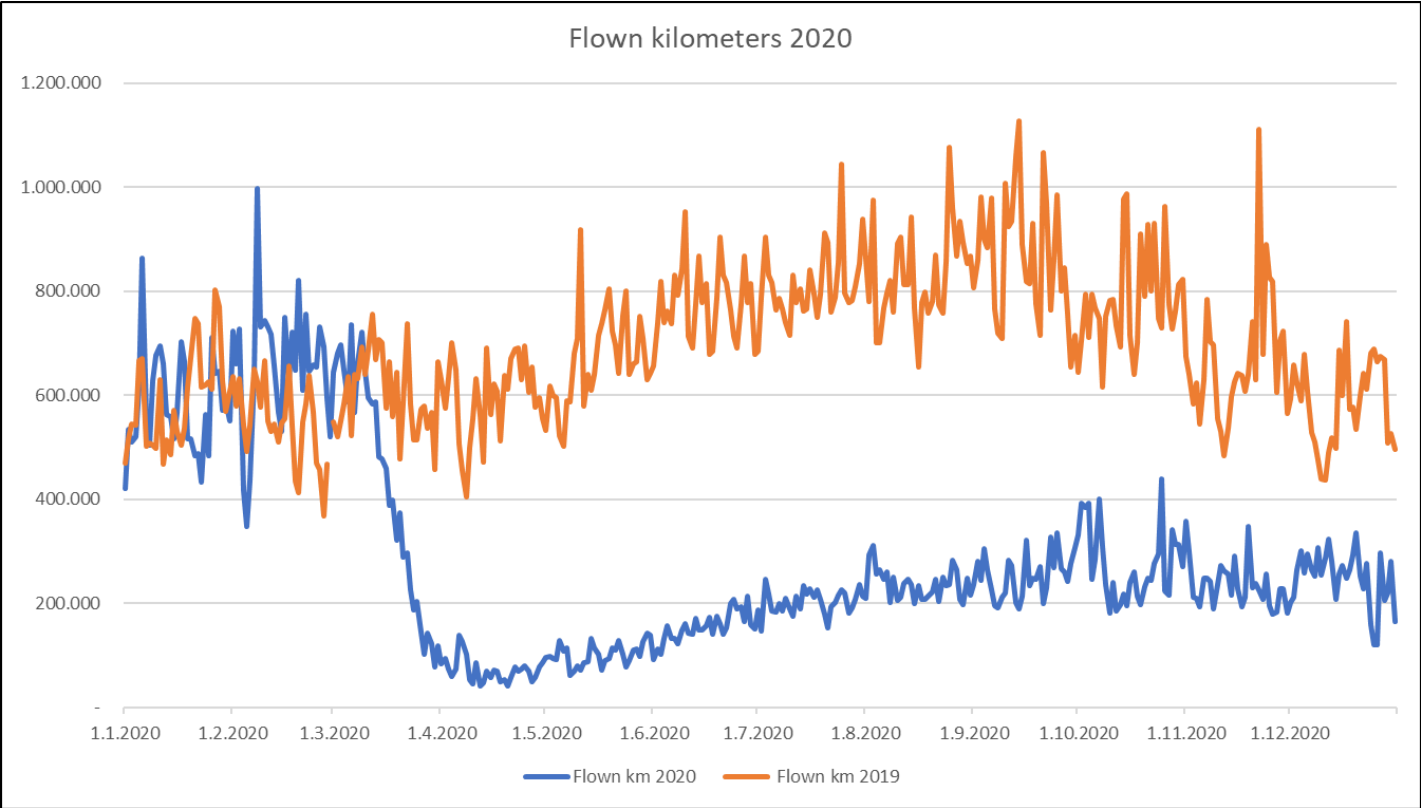
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COVID19 – BIRD CTA 2019/2020



COVID-19

- Total decrease in traffic -58%
- Similar cost reduction actions like 2020

Situation in Iceland:

- 14-day incidence per 100.000 inhabitants is **1,1**
- Border restriction in Iceland;
 - Arriving passengers must present a negative PCR test certificate prior and undergo a double testing procedure along with a quarantine for 5-6 days.
- Vaccination in Iceland;
 - All citizens 80 years and older, plus frontline health workers completed. Approx. 6%.



NORTH ATLANTIC DATA LINK MANDATE (NAT DLM)

- The NAT Data Link Mandate (DLM) airspace is the volume of airspace between FL290 and FL410 (inclusive) within Reykjavik CTA, excluding airspace north of 80°N and where an ATS surveillance service is provided. *See Iceland AIP ENR 1.8.2.3.*
- Flights equipped with and prepared to operate FANS 1/A (or equivalent) CPDLC and ADS-C data link systems are permitted to flight plan to enter the NAT DLM airspace.
- Implemented again February 24th 2021



SB ADS-B

- Space-Based ADS-B surveillance was implemented on the 16th of December in BIRD CTA (BIRD FIR and BGGL FIR) south of 70°50'N, F255-F600.
- Cost Benefit Analysis of SB ADS-B north of 70°50'N will be conducted before proceeding with further expansion.



PBCS / INMARSAT AND IRIDIUM EQUIPPED AIRCRAFT

- For aircraft equipped with both Inmarsat and Iridium, the FDPS will alert the controller and have the controller ask the pilot to switch to the service that is still functioning. For this purpose, two new predefined CPDLC messages have been created:
 - UM169 - INMARSAT SATCOM IS NOT OPERATIONAL, USE IRIDIUM SATCOM
 - UM169 - IRIDIUM SATCOM IS NOT OPERATIONAL, USE INMARSAT SATCOM
- When BIRD becomes Current Data Authority, the FDPS will send the following UL message to aircraft equipped with both Inmarsat and Iridium, and part of the route of flight is north of 80°N:
 - YOUR AIRCRAFT IS EQUIPPED WITH BOTH INMARSAT AND IRIDIUM SATCOM. USE IRIDIUM NORTH OF 80N



OTHER LOCAL DEVELOPMENTS

- A new VHF site has been established in Skálafell, on the south-west corner of Iceland.
- Standby transmitters and receivers will be located there, increasing the redundancy and safety of the services.



VOLCANIC ACTIVITIES



VOLCANIC ACTIVITY IN ICELAND

- Since February 24th small, overlapping earthquakes have been found on Reykjanes Peninsula at Litli Hrútur mountain (approx. 15NM from BIKF and BIRK).
- Possible lava producing eruption is expected in this area any day.
- An ash cloud formation is not expected, rather slow-moving lava.
- March 3rd the Aviation Colour Code for BIRD FIR was raised to ORANGE.



VOLCEX21

- VOLCEX20 was postponed due to COVID-19.
- VOLCEX21 is expected to be held in November 2021.
- VOLCEX21 will exercise a volcano eruption of Eyjafjallajokull
- Aim is to demonstrate the lessons learnt since 2010 and assess the impact to international aviation in the current environment using the current ICAO provisions and contingency plan.





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