

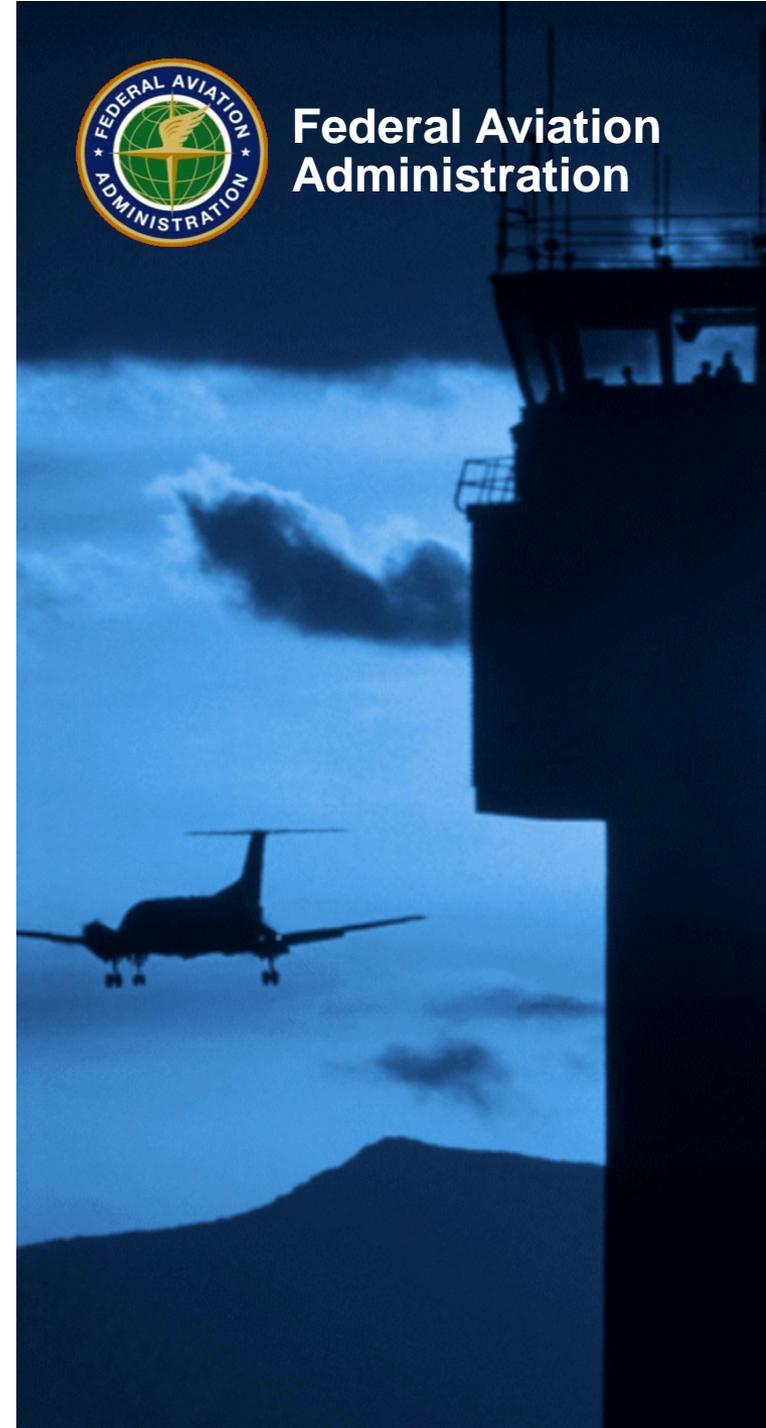


**Federal Aviation
Administration**

**ZAU OUTAGE
Friday
September 26, 2014**

CDM Tools at Work

**CDM General Session
March, 2015**



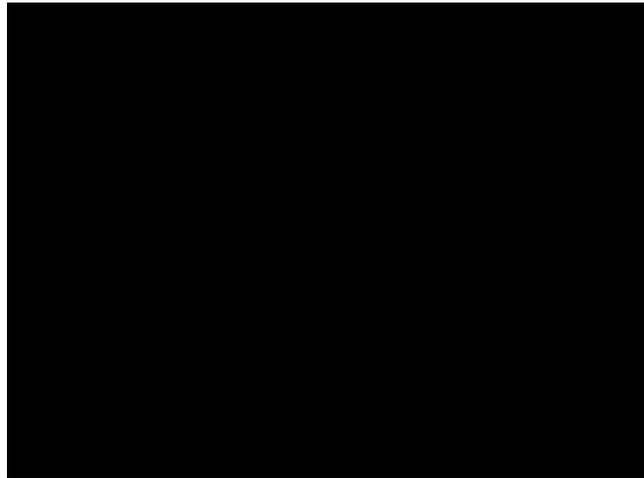
ZAU OUTAGE

- 1. This is not a wrap up or final review of the event**
- 2. Controllers working in real-time made this work**
- 3. This is not about what the ATCSCC did**
- 4. Collaboration throughout the FAA and user community was necessary to find solutions**
- 5. CDM products played an important role in the efforts to manage traffic**

DAY ONE

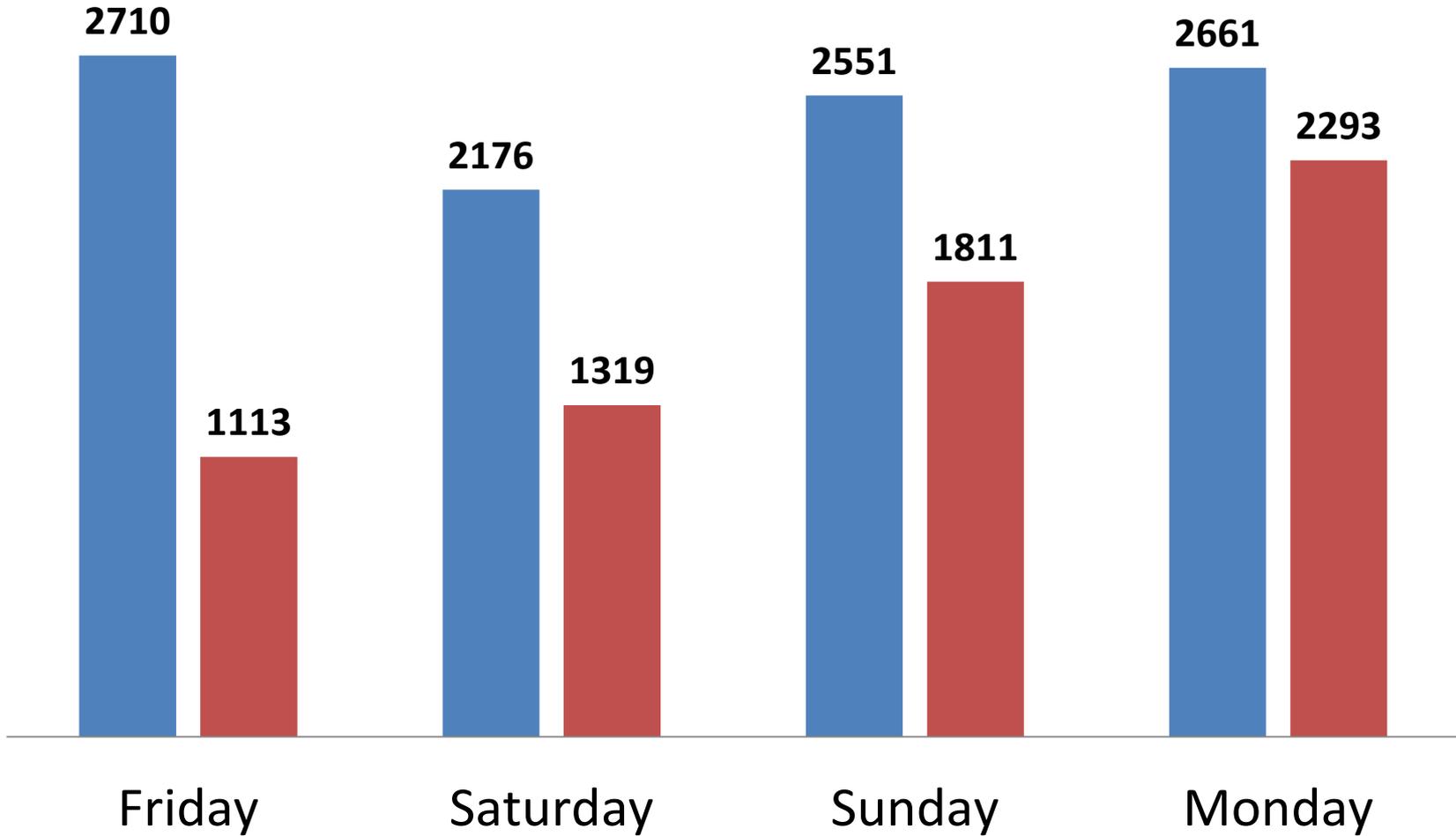
- **1042z: ZAU called ATCSCC terminal NTMO and declared ATC Zero due to fire**
- 1054z: ZAU advised ATCSCC they evacuated due to fire
- 1055z: DEN inquired about status of ZAU. ATCSCC advised DEN that ZAU declared ATC Zero due to fire and evacuated
- 1053z: ATCSCC activated contingency plan/hotline
- **1058z: ATCSCC: All Call conference: initially for a 2nd tier GS (flights to or through ZAU), then quickly agreed to and issued a nationwide GS**
- 1103z: 1st conference with all affected facilities
- **1106z: Coordinated and issued several reroutes for ZAU**
- 1130z: ATCSCC requested TFR with AJR 2 due to helicopters in ZAU area
- 1131z: Acting Director Central Service Area South set up situational room in ZKC
- 1133z: AJR 2 working with Central Service Area to issue a TFR
- 1139z: ATCSCC activated Diversion Recovery Tool for flights to ZAU

There were 220 flight in ZAU airspace between the time of 1000Z-1130Z.



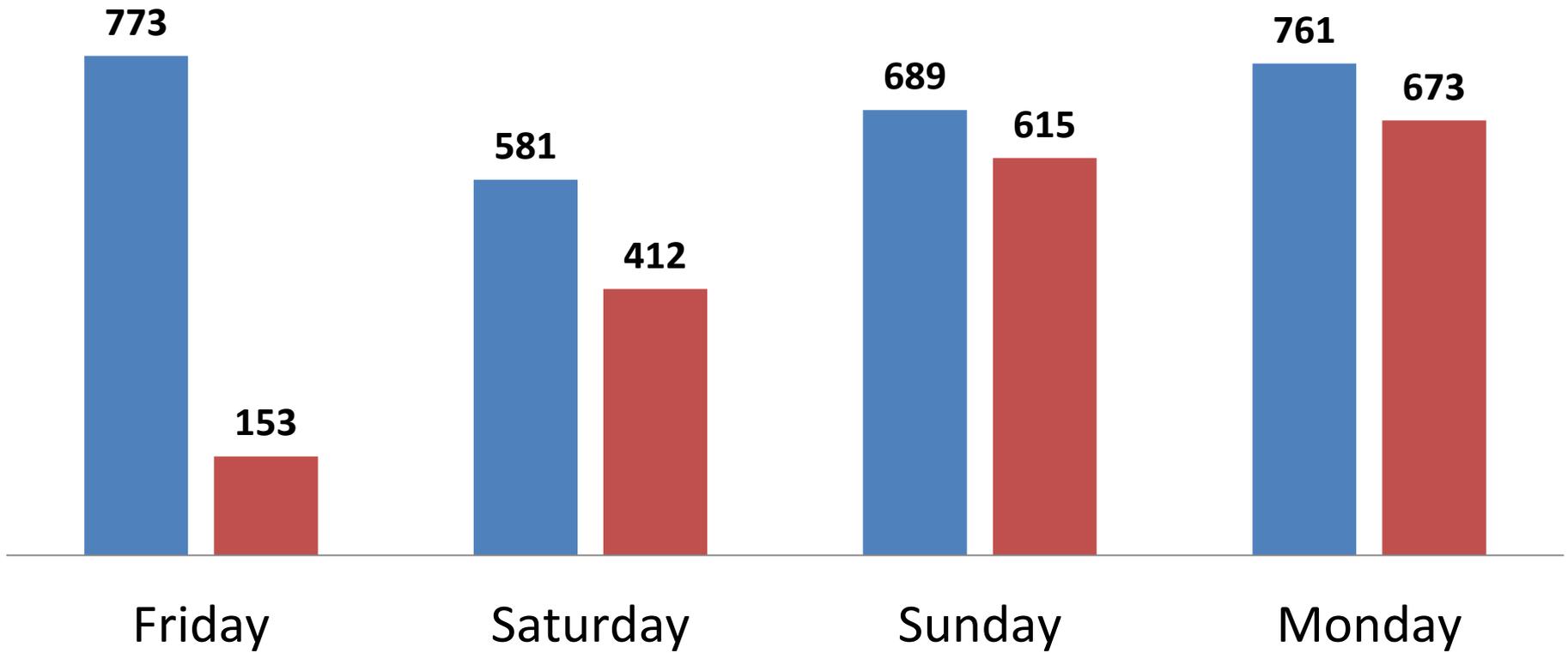
ORD

■ AVERAGE ■ 9/26-29/2014



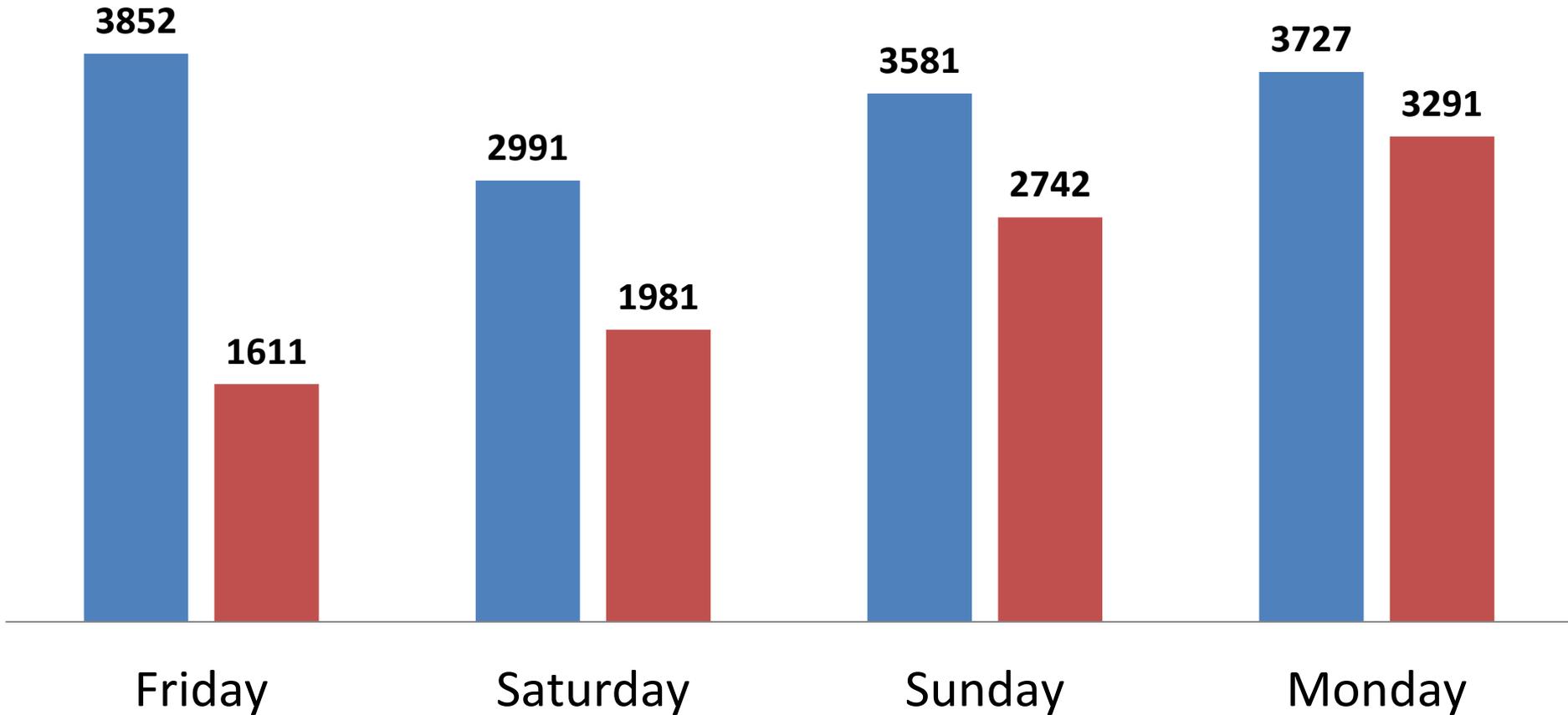
MDW

■ AVERAGE ■ 9/26-29/2014



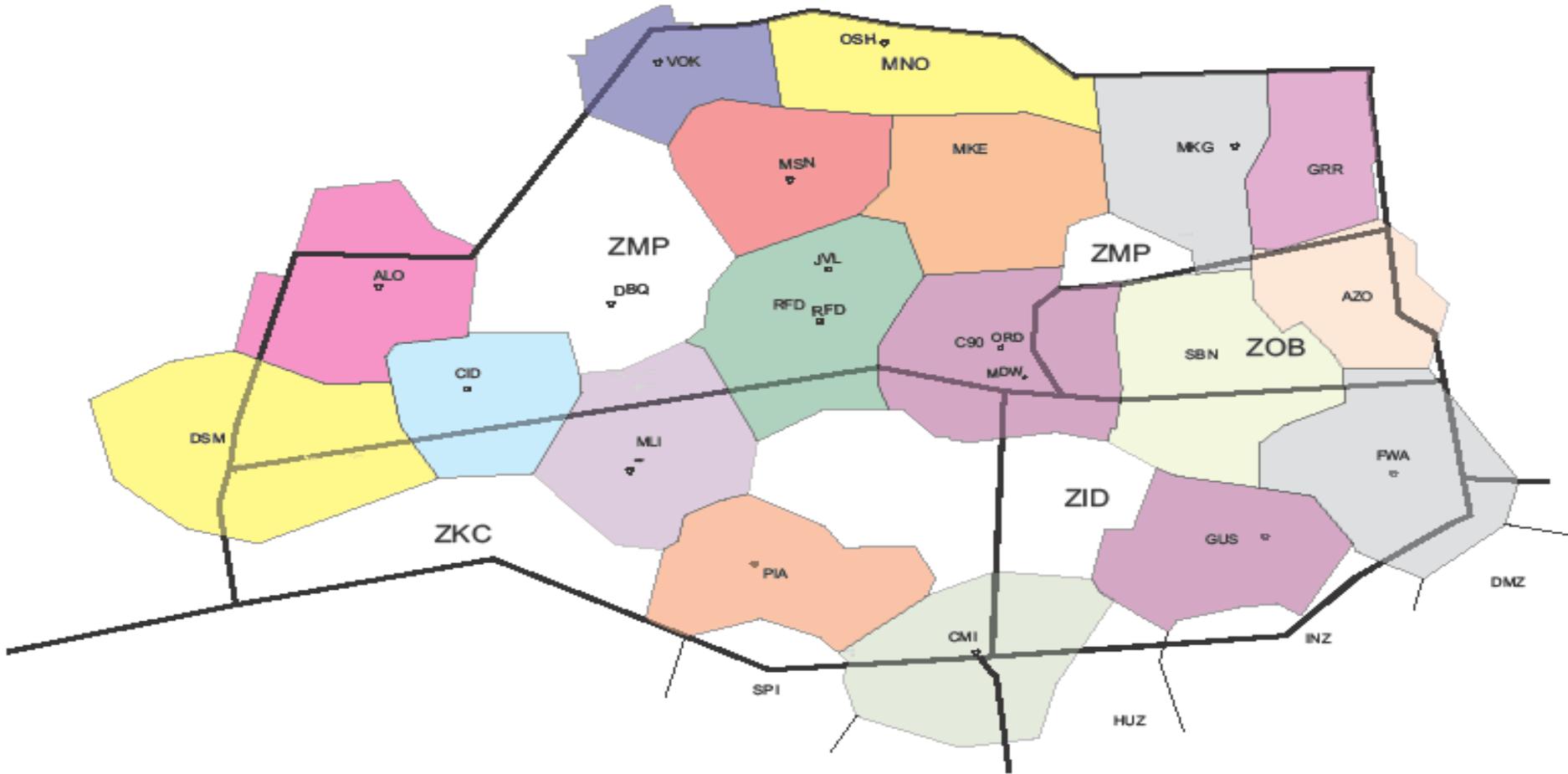
C90

■ AVERAGE ■ 9/26-29/2014



ZAU Divested Airspace and underlying TRACONS

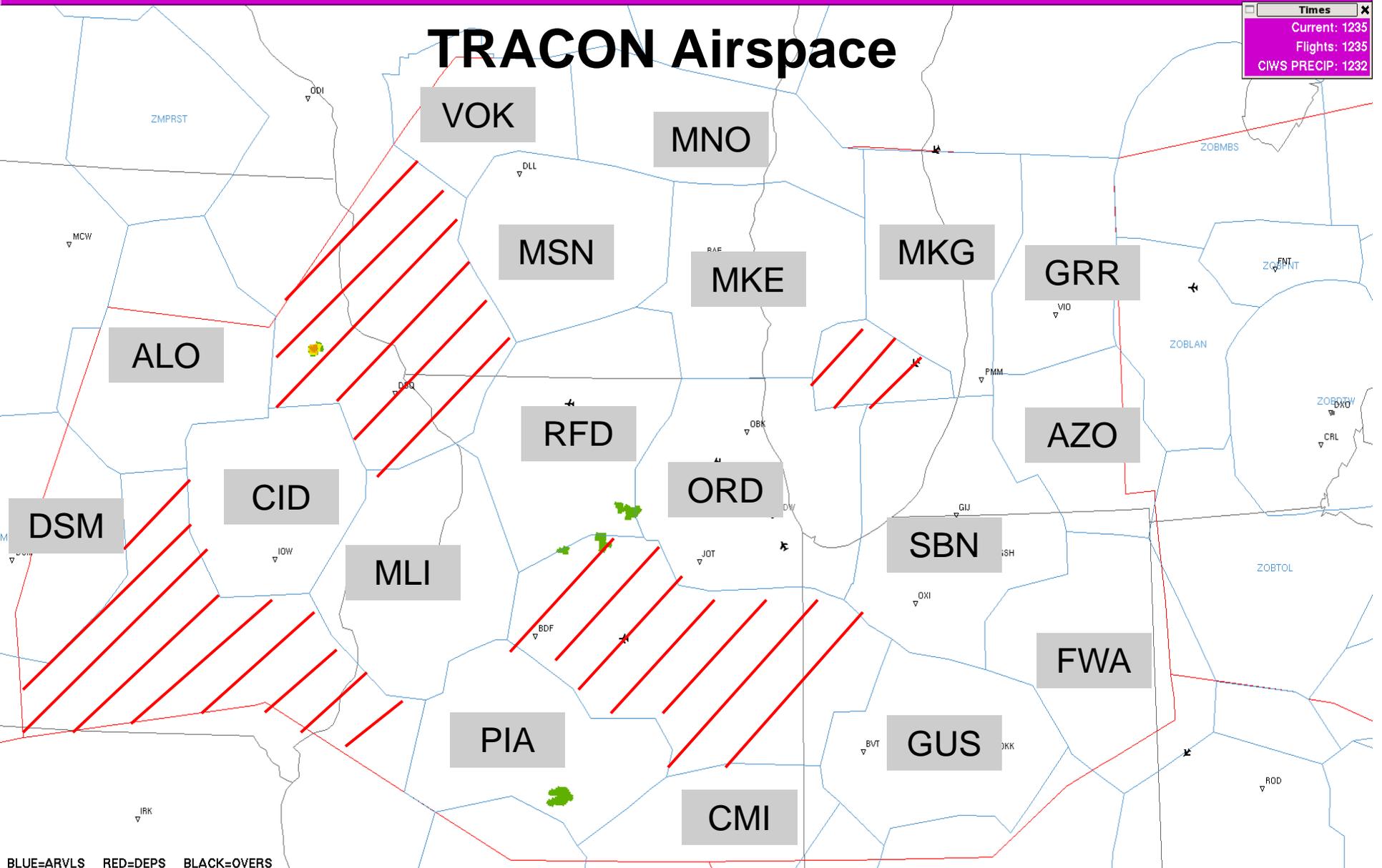
All TRACONS in color are SFC to 150 except C90 which is SFC to 170



TRACON Airspace

Times

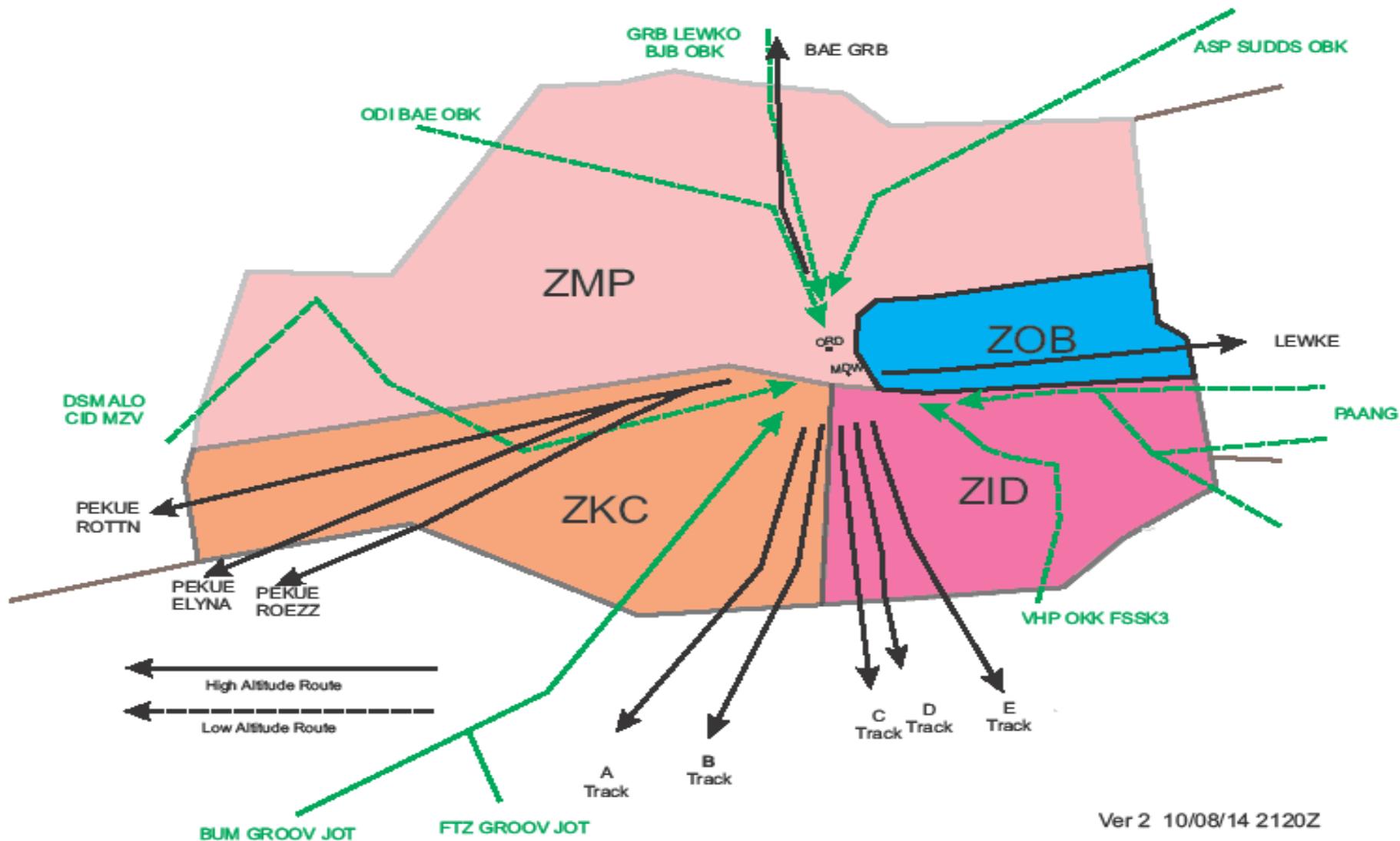
Current: 1235
 Flights: 1235
 CIWS PRECIP: 1232

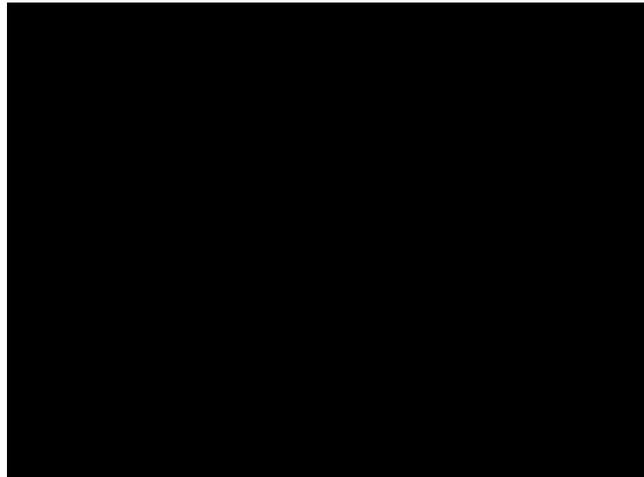


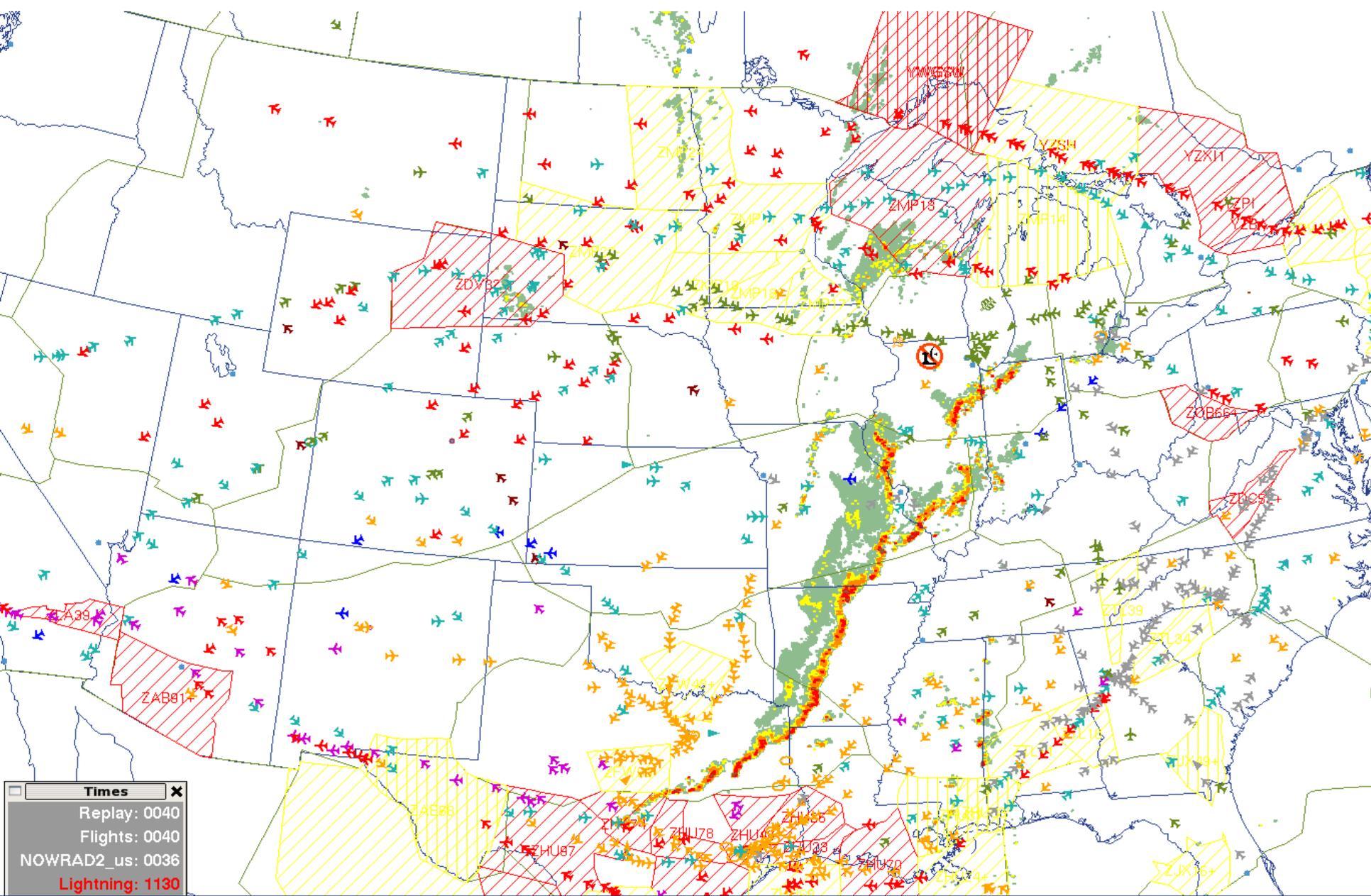
BLUE=ARVLS RED=DEPS BLACK=OVERS



MDW Arrival/Departure Map







Times X
 Replay: 0040
 Flights: 0040
 NOWRAD2_us: 0036
 Lightning: 1130



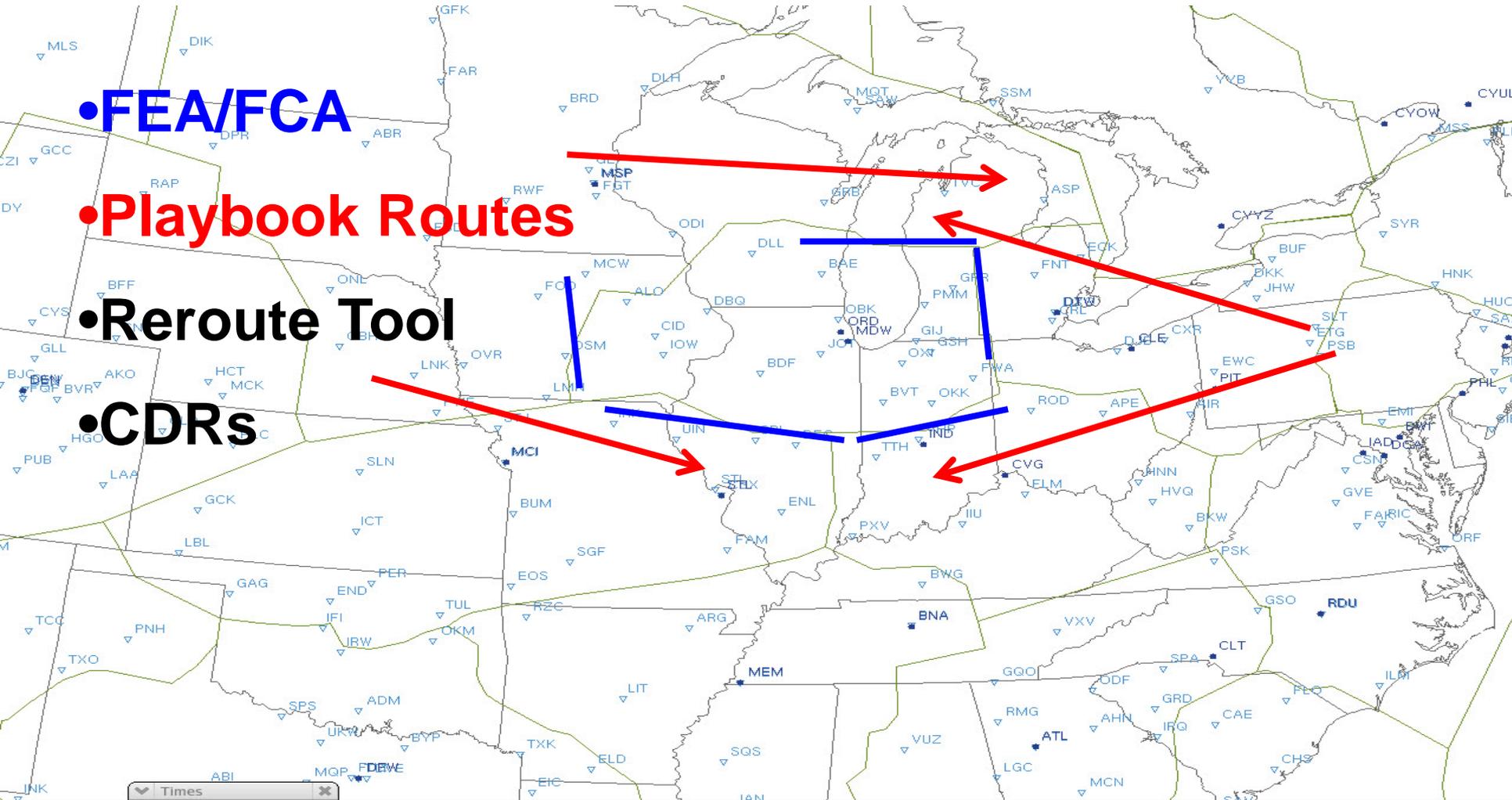
CDM Products

• **FEA/FCA**

• **Playbook Routes**

• **Reroute Tool**

• **CDRs**



Summary

- **CDM products played a long term major role in airspace management and recovery**
- **CDM did not do this work solely with emergency or contingency management in mind**
- **The CDM community has provided proven value in developing collaborative and useful solutions**
- **Collaborative tools and solutions allow facilities and customer to respond quickly to changing conditions**