Aircraft can be significant sensor via TAMDAR or MDCRS
Airline down-linked data

- **MDCRS**
  - Partial reimbursement for communication charges
  - Data useful for airlines and aviation weather forecasting, but also valuable for higher fidelity weather forecasts for all segments of the economy

- **Quantitative Turbulence Reports**
  - Not universally available in real time, access restricted to participating airlines
  - UA makes over 15,000,000 quantitative turbulence reports every year
MDCRS Data from aircraft
(United aircraft routes/data)
Thank you!