



## Dundee Satellite Receiving Station Contrails Project

Dundee Satellite Receiving Station is participating in the [ESA](#)-funded European Contrails Project. The aim is to produce maps of contrails automatically using satellite imagery in order to

1. study the effects of contrails on cirrus production and radiative forcing
- 2.

The first meeting was held at [Eurocontrol](#), France on 15 December 2003. While travelling from Scotland a close-up view of contrail formation was seen: [contrails003.jpg](#), [contrails004.jpg](#).

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### Files

- [Pass database](#) containing NOAA passes from the applicable years in the format "SatelliteNumber OrbitNumber EquatorCrossingAngle NumberOfLines EquatorCrossingTime FirstLineTime LastLineTime" where the Angle is positive East, range -180 to +180, but Note that orbit numbers are consistent to Dundee but not to NORAD.

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### Links

- [Project internal web site](#)
- [Project internal web site beta](#)
- [ESA Data User Element Project Summary](#)
- [ESA Data User Element Company Summary](#)
- [ESA Data User Element Company Summary beta](#)
- [NERC/DSRS logo smallest](#)
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