

# AMDAR - Automatic aircraft reports, GTS data

## General information

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Dataset name: AMDAR - Automatic aircraft reports, GTS data  
Created on: 2006-06-14

### Contact(s)

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Sedoo - OMP - baobab-contact@sedoo.fr (Database contact)

### Period

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Date begin (yyyy-mm-jj): 1999-11-03  
Date end (yyyy-mm-jj): 2010-12-31

### Project(s)

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OPERATIONAL-DATA > GTS data

## Data description

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### Abstract

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### Observing strategy

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## Geographic information

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### AMDAR

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Location name: AMDAR  
Plateform type: AIRCRAFT  
West bounding coordinate (°): -50  
East bounding coordinate (°): 50  
North bounding coordinate (°): 40  
South bounding coordinate (°): -20  
Altitude min: -999  
Altitude max: 27130

## Measured parameters

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### Dew Point Temperature

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Parameter name: Dew Point Temperature  
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Dew Point Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1999-11-03  
Date end (yyyy-mm-jj): 2010-12-31

### Air Temperature

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Parameter name: Air Temperature  
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1999-11-03  
Date end (yyyy-mm-jj): 2010-12-31

### Wind Speed

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Parameter name: Wind Speed  
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Speed  
Unit: meters per second - m/s  
Date begin (yyyy-mm-jj): 1999-11-03  
Date end (yyyy-mm-jj): 2010-12-31

### Wind Direction

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Parameter name: Wind Direction  
Parameter keyword: Atmosphere > Atmospheric Winds > Wind Direction  
Unit: degrees - degrees  
Date begin (yyyy-mm-jj): 1999-11-03  
Date end (yyyy-mm-jj): 2010-12-31

### Vertical Wind Motion

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Parameter name: Vertical Wind Motion  
Parameter keyword: Atmosphere > Atmospheric Winds > Vertical Wind Motion  
Unit: meters per second - m/s  
Date begin (yyyy-mm-jj): 1999-11-03  
Date end (yyyy-mm-jj): 2010-12-31

## Vertical Wind Motion Height

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Parameter name:	Vertical Wind Motion Height
Parameter keyword:	Atmosphere > Atmospheric Winds
Unit:	meters
Date begin (yyyy-mm-jj):	1999-11-03
Date end (yyyy-mm-jj):	2010-12-31

## Turbulence

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Parameter name:	Turbulence
Parameter keyword:	Atmosphere > Atmospheric Winds > Wind Dynamics > Turbulence
Unit:	code
Date begin (yyyy-mm-jj):	1999-11-03
Date end (yyyy-mm-jj):	2010-12-31

## Data use information

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Use constraints:	Free data (WMO Resolution 40)
Database:	AMMA database