

# AS.F-F20-Dropsondes - AVAPS Dropsondes

## General information

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Dataset name: AS.F-F20-Dropsondes - AVAPS Dropsondes  
Created on: 2006-12-06

### Contact(s)

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Roux Franck - LA - OMP - frank.roux@aero.obs-mip.fr (PI or Lead scientist)

### Period

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Date begin (yyyy-mm-jj): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

### Project(s)

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AMMA > AMMA-SOP

## Data description

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### Abstract

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Vertical profiles of atmospheric dynamical and thermodynamical variables.

### Observing strategy

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Dropsondes during the different SOP-1-2a1-2a2-2a3-3

## Instrument information

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### Sensor

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Instrument type: DROPSONDES  
Model: AVAPS dropsondes

## Geographic information

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### F-FALCON 20

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Location name: F-FALCON 20  
Platform type: AIRCRAFT  
West bounding coordinate (°): -35.5  
East bounding coordinate (°): 73.263

North bounding coordinate (°): 50.759  
South bounding coordinate (°): -72.774  
Altitude max: 12602.9

## Measured parameters

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### 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): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

### 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): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

### Air Pressure

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Parameter name: Air Pressure  
Parameter keyword: Atmosphere > Atmospheric Pressure > Atmospheric Pressure Measurements  
Unit: millibars - mbar  
Date begin (yyyy-mm-jj): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

### U Wind component

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Parameter name: U Wind component  
Parameter keyword: Atmosphere > Atmospheric Winds  
Unit: meters per second - m/s  
Date begin (yyyy-mm-jj): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

### 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): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

## V Wind component

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Parameter name: V Wind component  
Parameter keyword: Atmosphere > Atmospheric Winds  
Unit: meters per second - m/s  
Date begin (yyyy-mm-jj): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

## 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): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

## Humidity

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Parameter name: Humidity  
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity  
Unit: percent - %  
Date begin (yyyy-mm-jj): 2006-06-04  
Date end (yyyy-mm-jj): 2006-09-29

## Data use information

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Use constraints: AMMA data policy  
Data policy: AMMA data policy  
Database: AMMA database  
Original data format(s): ascii text