

# SYNOP\_PT-30 - Synoptic observations over Madeira, GTS data

## General information

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Dataset name: SYNOP\_PT-30 - Synoptic observations over Madeira, GTS data  
Created on: 2015-06-29

### Contact(s)

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

### Period

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Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj):

### 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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## Instrument information

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### Sensor

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Instrument type: AWS > Automated Weather System

## Geographic information

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### FUNCHAL/S.CATARINA

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Location name: FUNCHAL/S.CATARINA  
Platform type: GROUND STATIONS

## FUNCHAL

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Location name:	FUNCHAL
Platform type:	GROUND STATIONS

## PORTO SANTO

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Location name:	PORTO SANTO
Platform type:	GROUND STATIONS

## Measured parameters

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### Minimum Temperature

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Parameter name:	Minimum Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature > Surface Temperature > Maximum/Minimum Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	1980-01-01
Date end (yyyy-mm-jj):	2014-12-31

### 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):	1980-01-01
Date end (yyyy-mm-jj):	2014-12-31

### Ground Minimum Temperature

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Parameter name:	Ground Minimum Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	1980-01-01
Date end (yyyy-mm-jj):	2014-12-31

### Maximum Temperature

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Parameter name:	Maximum Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature > Surface Temperature > Maximum/Minimum Temperature
Unit:	Degrees Celsius - °C
Date begin (yyyy-mm-jj):	1980-01-01
Date end (yyyy-mm-jj):	2014-12-31

## Cloud Types 4

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Parameter name: Cloud Types 4  
Parameter keyword: Atmosphere > Clouds > Cloud Types  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Sea Level Pressure

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Parameter name: Sea Level Pressure  
Parameter keyword: Atmosphere > Atmospheric Pressure > Sea Level Pressure  
Unit: millibars - mbar  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Cloud Height

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Parameter name: Cloud Height  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Height  
Unit: meters  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## CH Clouds

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Parameter name: CH Clouds  
Parameter keyword: Atmosphere > Clouds  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Cloud amount/frequency

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Parameter name: Cloud amount/frequency  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Frequency  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## 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): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Cloud Height 3

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Parameter name: Cloud Height 3  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Height  
Unit: meters  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Cloud amount/frequency 3

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Parameter name: Cloud amount/frequency 3  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Frequency  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Cloud Height 1

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Parameter name: Cloud Height 1  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Height  
Unit: meters  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Precipitation Amount (previous 6 hours)

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Parameter name: Precipitation Amount (previous 6 hours)  
Parameter keyword: Atmosphere > Precipitation > Precipitation Amount  
Unit: millimeters - mm  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Cloud amount/frequency 4

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Parameter name: Cloud amount/frequency 4  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Frequency  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Cloud Types 2

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Parameter name: Cloud Types 2  
Parameter keyword: Atmosphere > Clouds > Cloud Types  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Precipitation Amount (previous 3 hours)

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Parameter name: Precipitation Amount (previous 3 hours)  
Parameter keyword: Atmosphere > Precipitation > Precipitation Amount  
Unit: millimeters - mm  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Precipitation Amount (previous 12 hours)

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Parameter name: Precipitation Amount (previous 12 hours)  
Parameter keyword: Atmosphere > Precipitation > Precipitation Amount  
Unit: millimeters - mm  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Cloud Types 3

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Parameter name: Cloud Types 3  
Parameter keyword: Atmosphere > Clouds > Cloud Types  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Cloud Types 1

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Parameter name: Cloud Types 1  
Parameter keyword: Atmosphere > Clouds > Cloud Types  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Total Sunshine

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Parameter name: Total Sunshine  
Parameter keyword: Atmosphere > Atmospheric Radiation > Sunshine  
Unit: minutes - mn  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

### Cloud Height 2

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Parameter name: Cloud Height 2  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Height  
Unit: meters  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Visibility

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Parameter name: Visibility  
Parameter keyword: Atmosphere > Air Quality > Visibility  
Unit: meters  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Precipitation Amount (previous 24 hours)

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Parameter name: Precipitation Amount (previous 24 hours)  
Parameter keyword: Atmosphere > Precipitation > Precipitation Amount  
Unit: millimeters - mm  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## 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): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Cloud amount/frequency 1

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Parameter name: Cloud amount/frequency 1  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Frequency  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Evapotranspiration

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Parameter name: Evapotranspiration  
Parameter keyword: Atmosphere > Atmospheric Water Vapor > Water Vapor Processes > Evapotranspiration  
Unit: millimeters - mm  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## CL Clouds

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Parameter name: CL Clouds  
Parameter keyword: Atmosphere > Clouds  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## 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): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## CM Clouds

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Parameter name: CM Clouds  
Parameter keyword: Atmosphere > Clouds  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Cloud amount/frequency 2

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Parameter name: Cloud amount/frequency 2  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Frequency  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Cloud Height 4

---

Parameter name: Cloud Height 4  
Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Height  
Unit: meters  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Present Weather

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Parameter name: Present Weather  
Parameter keyword: Atmosphere  
Unit: code  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Pressure Tendency

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Parameter name: Pressure Tendency  
Parameter keyword: Atmosphere > Atmospheric Pressure > Pressure Tendency  
Unit: millibars - mbar  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Precipitation Amount (previous hour)

---

Parameter name: Precipitation Amount (previous hour)  
Parameter keyword: Atmosphere > Precipitation > Precipitation Amount  
Unit: millimeters - mm  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Air Temperature

---

Parameter name: Air Temperature  
Parameter keyword: Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature  
Unit: Degrees Celsius - °C  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Cloud Cover

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Parameter name: Cloud Cover  
Parameter keyword: Atmosphere > Clouds  
Unit: percent - %  
Date begin (yyyy-mm-jj): 1980-01-01  
Date end (yyyy-mm-jj): 2014-12-31

## Data use information

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Use constraints: Free data (WMO Resolution 40)  
Database: AMMA database  
Original data format(s): ascii text