

# SYNOP\_TD - Synoptic observations over Chad, GTS data

## General information

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Dataset name: SYNOP\_TD - Synoptic observations over Chad, 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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### MOUNDOU

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Location name: MOUNDOU  
Platform type: GROUND STATIONS

## FADA

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Location name: FADA  
Platform type: GROUND STATIONS

## AM-TIMAN

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Location name: AM-TIMAN  
Platform type: GROUND STATIONS

## ATI

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Location name: ATI  
Platform type: GROUND STATIONS

## ABECHE

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Location name: ABECHE  
Platform type: GROUND STATIONS

## GOZ-BEIDA

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Location name: GOZ-BEIDA  
Platform type: GROUND STATIONS

## MAO

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Location name: MAO  
Platform type: GROUND STATIONS

## PALA

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Location name: PALA  
Platform type: GROUND STATIONS

## MOUSSORO

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Location name: MOUSSORO  
Platform type: GROUND STATIONS

## SARH

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Location name: SARH  
Platform type: GROUND STATIONS

## BOKORO

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Location name: BOKORO  
Platform type: GROUND STATIONS

## NDJAMENA

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Location name: NDJAMENA  
Platform type: GROUND STATIONS

## FAYA

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Location name: FAYA  
Platform type: GROUND STATIONS

## BOL-BERIM

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Location name: BOL-BERIM  
Platform type: GROUND STATIONS

## BOUSSO

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Location name: BOUSSO  
Platform type: GROUND STATIONS

## MONGO

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Location name: MONGO  
Platform type: GROUND STATIONS

## Measured parameters

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### 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

---

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

## 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

## 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

---

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

---

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

---

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

---

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



## 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

---

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 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