

SYNOP_SD - Synoptic observations over Sudan, GTS data

General information

Dataset name: SYNOP_SD - Synoptic observations over Sudan, GTS data
Created on: 2015-06-29

Contact(s)

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

Period

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

Project(s)

OPERATIONAL-DATA > GTS data

Data description

Abstract

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Observing strategy

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Instrument information

Sensor

Instrument type: AWS > Automated Weather System

Geographic information

EL FASHER

Location name: EL FASHER
Platform type: GROUND STATIONS

DONGOLA

Location name: DONGOLA
Platform type: GROUND STATIONS

UMM BENIN

Location name: UMM BENIN
Platform type: GROUND STATIONS

STATION NO 6

Location name: STATION NO 6
Platform type: GROUND STATIONS

DAMAZINE

Location name: DAMAZINE
Platform type: GROUND STATIONS

HALFA EL GAIDIDA

Location name: HALFA EL GAIDIDA
Platform type: GROUND STATIONS

GENINA

Location name: GENINA
Platform type: GROUND STATIONS

GEDAREF

Location name: GEDAREF
Platform type: GROUND STATIONS

KOSTI

Location name: KOSTI
Platform type: GROUND STATIONS

EN NAHUD

Location name: EN NAHUD
Platform type: GROUND STATIONS

PORT SUDAN

Location name: PORT SUDAN
Platform type: GROUND STATIONS

KASSALA

Location name: KASSALA
Platform type: GROUND STATIONS

KHARTOUM

Location name: KHARTOUM
Platform type: GROUND STATIONS

ABU NA'AMA

Location name: ABU NA'AMA
Platform type: GROUND STATIONS

TOKAR

Location name: TOKAR
Platform type: GROUND STATIONS

HALIB

Location name: HALIB
Platform type: GROUND STATIONS

SHENDI

Location name: SHENDI
Platform type: GROUND STATIONS

AGIG

Location name: AGIG
Platform type: GROUND STATIONS

RASHAD

Location name: RASHAD
Platform type: GROUND STATIONS

SUAKIN

Location name: SUAKIN
Platform type: GROUND STATIONS

ABU HAMED

Location name: ABU HAMED
Platform type: GROUND STATIONS

HUDEIBA

Location name: HUDEIBA
Platform type: GROUND STATIONS

WAD MEDANI

Location name: WAD MEDANI
Platform type: GROUND STATIONS

KADOGLLI

Location name: KADOGLLI
Platform type: GROUND STATIONS

SENNAR

Location name: SENNAR
Platform type: GROUND STATIONS

NYALA

Location name: NYALA
Platform type: GROUND STATIONS

KARIMA

Location name: KARIMA
Platform type: GROUND STATIONS

AROMA

Location name: AROMA
Platform type: GROUND STATIONS

ARBAT

Location name: ARBAT
Platform type: GROUND STATIONS

SHAMBAT OBSERVATORY

Location name: SHAMBAT OBSERVATORY
Platform type: GROUND STATIONS

ED DUEIM

Location name: ED DUEIM
Platform type: GROUND STATIONS

BABANUSA

Location name: BABANUSA
Platform type: GROUND STATIONS

EL OBEID

Location name: EL OBEID
Platform type: GROUND STATIONS

WADI HALFA

Location name: WADI HALFA
Platform type: GROUND STATIONS

ATBARA

Location name: ATBARA
Platform type: GROUND STATIONS

Measured parameters

Minimum Temperature

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

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

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 Types 4

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

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

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

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

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

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

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)

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

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

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)

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)

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

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

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

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

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)

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

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

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

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

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

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

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

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

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

Use constraints: Free data (WMO Resolution 40)