

# AS.tsi\_S - Total sky imager, ARM station, Niamey

## General information

---

Dataset name: AS.tsi\_S - Total sky imager, ARM station, Niamey  
Created on: 2006-01-13

### Contact(s)

---

Slingo Anthony - ESSC - as@mail.nerc-essc.ac.uk (PI or Lead scientist)

### Period

---

Date begin (yyyy-mm-jj): 2006-01-01  
Date end (yyyy-mm-jj):

### Project(s)

---

AMMA > AMMA-SOP

## Data description

---

### Abstract

---

The total sky imager (TSI) provides time series of hemispheric sky images during daylight hours and retrievals of fractional sky cover for periods when the solar elevation is greater than 10 degrees.

### Observing strategy

---

Measurements made every 30 seconds.

## Instrument information

---

### Sensor

---

Instrument type: TSI > TOTAL SKY IMAGER  
Model: TSI

## Geographic information

---

### Niamey

---

Location name: Niamey  
Platform type: GROUND STATIONS  
West bounding coordinate (°): 2.1758

|                                |         |
|--------------------------------|---------|
| East bounding coordinate (°):  | 2.1758  |
| North bounding coordinate (°): | 13.4773 |
| South bounding coordinate (°): | 13.4773 |

## Measured parameter

---

### Cloud Frequency

---

Parameter keyword: Atmosphere > Clouds > Cloud Properties > Cloud Frequency

## Data use information

---

|                  |                  |
|------------------|------------------|
| Use constraints: | AMMA data policy |
| Data policy:     | AMMA data policy |
| Database:        | ARM Archive      |