

# **TERN - Taiwan Agricultural Ecosystem Research Metadata Report (TAE)**

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## Research Area Information

**TERN - Taiwan Agricultural Ecosystem Research .....TAE**

# TERN - Taiwan Agricultural Ecosystem Research

## Research Area Information

### Harvest URL - Option 1

<http://www.tari.gov.tw/climhy/taemet.csv>

**Site north bounding coordinate** (decimal degree) .....23.6375

**Site east bounding coordinate** (decimal degree) .....120.4681

## Meteorological Stations

Yuin-lin Branch Station.....	72K22
Chia-yi Litchi Orchard.....	G2L02
Chi-ko Branch Farm .....	G2M35

## Yuin-lin Branch Station

### Meteorological Station

**Latitude** (decimal degrees) .....23.6375  
**Longitude** (decimal degrees) .....-120.4681  
**Elevation** (meters; a.m.s.l.) .....35  
**Begin Date**..... 1987/04

#### **Topography**

on a slope

#### **Surface**

grass

#### **Area Description**

grass

#### **History**

upland and lowland (paddy) rice field

### Air Temperature

**Maximum QC Threshold** (degree celsius) .....45

### Global Radiation

**Maximum QC Threshold** (megajoules per square meter per day) .....30

### Precipitation

**Maximum QC Threshold** (millimeters) .....500

### Relative Humidity

**Maximum QC Threshold** (percent) .....100

### Wind Direction and Resultant Wind Direction

**Maximum QC Threshold** (degrees azimuth) .....360

### Wind Speed and Resultant Wind Speed

**Maximum QC Threshold** (meters per second) .....60

## Chia-yi Litchi Orchard

### Meteorological Station

**Latitude** (decimal degrees) ..... 120.4000

**Longitude** (decimal degrees) .....23.6000

**Elevation** (meters; a.m.s.l.) .....50

**Begin Date**..... 1987/06

#### **Topography**

plain

#### **Surface**

grass

#### **Area Description**

grass

#### **History**

upland and lowland (paddy) rice field

### Air Temperature

**Maximum QC Threshold** (degree celsius) .....45

### Precipitation

**Maximum QC Threshold** (millimeters) .....500

### Relative Humidity

**Maximum QC Threshold** (percent) ..... 100

### Wind Direction and Resultant Wind Direction

**Maximum QC Threshold** (degrees azimuth) .....360

### Wind Speed and Resultant Wind Speed

**Maximum QC Threshold** (meters per second) .....60

## Chi-ko Branch Farm

### Meteorological Station

**Latitude** (decimal degrees) ..... 120.4542

**Longitude** (decimal degrees) ..... 23.4861

**Elevation** (meters; a.m.s.l.) ..... 50

**Begin Date**..... 1922/09

#### **Topography**

on a slope

#### **Surface**

grass

#### **Area Description**

orchard field (lychee)

#### **History**

litchi orchard field

### Air Temperature

**Maximum QC Threshold** (degree celsius) ..... 45

### Precipitation

**Maximum QC Threshold** (millimeters) ..... 500

### Relative Humidity

**Maximum QC Threshold** (percent) ..... 100

### Wind Direction and Resultant Wind Direction

**Maximum QC Threshold** (degrees azimuth) ..... 360

### Wind Speed and Resultant Wind Speed

**Maximum QC Threshold** (meters per second) ..... 60

## Watershed



## Gauging Stations

