Package 'vineyard'

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Type Package

Title Budburst, Phenological and Yield Models for Vineyards

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Description Models for budburst, phenology and yield of vineyards.

License What license is it under?

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

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DD.single.triang *Compute the degree-days by the single triangle algorithm*

Description

Compute the degree-days by the single triangle algorithm

Usage

```
DD.single.triang(t.zero, t.min, t.mean, t.max)
```

Arguments

t.zero	threshold temperature for vine growth
t.min	daily minimum air temperature
t.max	daily maximum air temperature
x	xts object containing the input data

Value

a vector with the degree-days for vine growth

FillNA *Fill NA data in time series*

Description

Fill NA data in time series

Usage

```
FillNA(x)
```

Arguments

x	the input time series as xts object

Value

a time series with the NAs replaced by data according to the na.locf zoo function

Id.na *Find indexes for NA data in time series*

Description

Find indexes for NA data in time series

Usage

```
Id.na(x)
```

Arguments

x	the input time series as xts object

Value

a vector with the index for NAs data in the time series

plot.na *Plot NA data in time series*

Description

Plot NA data in time series

Usage

```
## S3 method for class 'na'
plot(x, ids.na)
```

Arguments

x	the input time series as xts object

Value

plots with the NAs highlighted

`Raw2xts` *Raw data to xts object*

Description

Raw data to xts object

Usage

```
Raw2xts(data)
```

Arguments

`t.min`	daily minimum air temperature
`t.max`	daily maximum air temperature
`t.zero`	threshold temperature for vine growth

Value

a vector with the degree-days for vine growth

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