

Mt Rainier Timeseries Analysis

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Climate

The term originally denoted a zone of the earth between two lines of latitude, then any region of the earth, and later, a region considered with reference to its atmospheric conditions.
(Apple dictionary)

One climate variable - Temperature

Important as it directly relates to productivity in plants/animals.

How is it diced ? Temperature

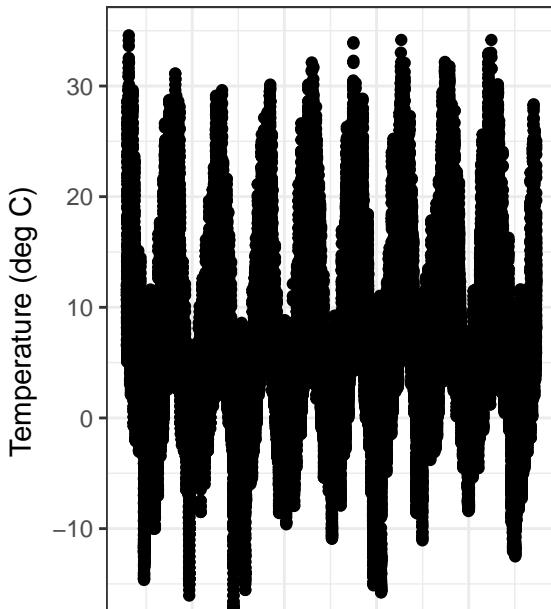
How is it used ?

Parameter	Context
Minimum	Day/Month/Season/Year
Maximum	Day/Month/Season/Year
Diurnal	Daily (Max - min)

A study might use combination of these parameters, but could get complicated by adding other environmental attributes.

Case study - Mt Rainier sites

Site AB08



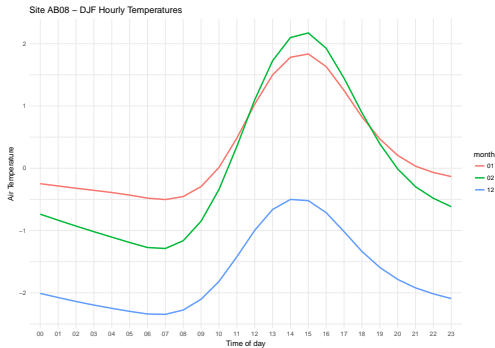
Is aggregation relevant?

Think of scenarios where mean/min/max metrics are important?

Population studies ?

Diurnal

DJF - Winter - Across all years by month



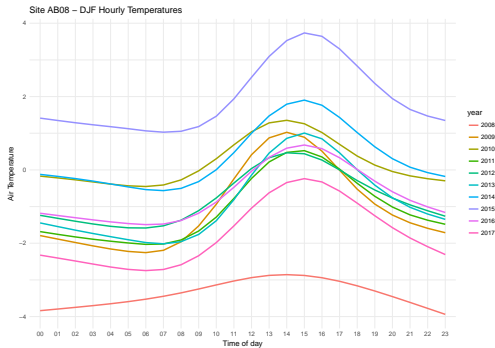
Temporal variation

Important ? Growing Degree Days ~ Phenology

Other relationships - variation of it spatially

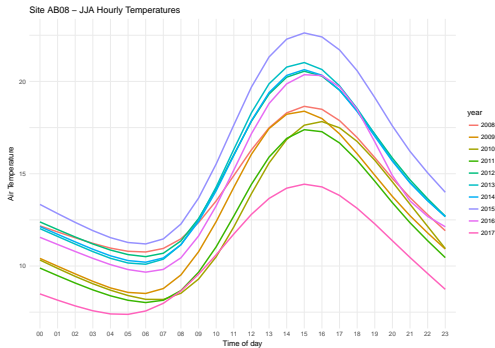
Diurnal

DJF - Winter - By year



Diurnal

JJA - Summer - By year



How is it used ? Temperature

How is it used ?

Recorded in various ways, by daily, monthly or yearly