- long
- lat
- year
- TimePeriod
- RCP
- scenario
- treecanopy
- Ann Herb
- Bare
- Herb
- Litter
- Shrub
- DrySoilDays\_Summer\_whole
- Evap\_Summer
- ExtremeShortTermDryStress\_Summer\_whole
- FrostDays\_Winter
- NonDrySWA\_Summer\_whole
- PPT\_Winter
- PPT\_Summer
- PPT Annual
- T Winter
- T\_Summer
- T Annual
- Tmax\_Summer
- Tmin Winter
- VWC\_Winter\_whole
- VWC\_Spring\_whole
- VWC\_Summer\_whole
- VWC\_Fall\_whole

## long

- attrlabl: long
- **attrdef**: This attribute (column name) in the data table represents the longitude coordinate for the point, Datum in WGS84.

- · attrdefs: Producer defined
- attrdomv:

#### lat

- attrlabl: lat
- **attrdef**: This attribute (column name) in the data table represents the latitude coordinate for the point, Datum in WGS84.
- attrdefs: Producer defined
- attrdomv:

#### year

- attrlabl: year
- attrdef: This attribute (column name) in the data table represents the year for the datapoint.
- attrdefs: Producer defined
- attrdomv:

#### **TimePeriod**

- attrlabl: TimePeriod
- **attrdef**: This attribute (column name) in the data table represents the time period for each data record.
- attrdefs: Producer defined
- attrdomv:

#### **RCP**

• attrlabl: RCP

• **attrdef**: This attribute (column name) in the data table represents the representative concentration pathway.

• attrdefs: Producer defined

attrdomv:

#### scenario

• attrlabl: scenario

• **attrdef**: This attribute (column name) in the data table represents the general circulation model (GCM).

• attrdefs: Producer defined

attrdomv:

## treecanopy

• attrlabl: treecanopy

 attrdef: This attribute (column name) in the data table represents the percentage of tree canopy coverage.

• attrdefs: Producer defined

attrdomv:

## Ann\_Herb

attrlabl: Ann\_Herb

 attrdef: This attribute (column name) in the data table represents the percentage of annual herbaceous coverage.

• attrdefs: Producer defined

attrdomv:

#### **Bare**

• attrlabl: Bare

 attrdef: This attribute (column name) in the data table represents the percentage of bare ground.

• attrdefs: Producer defined

attrdomv:

#### Herb

• attrlabl: Herb

• **attrdef**: This attribute (column name) in the data table represents the percent coverage of herbaceous plants.

• attrdefs: Producer defined

attrdomv:

#### Litter

• attrlabl: Litter

 attrdef: This attribute (column name) in the data table represents the percent coverage of plant litter.

attrdefs: Producer defined

attrdomv:

#### Shrub

- attrlabl: Shrub
- attrdef: This attribute (column name) in the data table represents the percent coverage of shrubs.
- attrdefs: Producer defined
- attrdomv:

# DrySoilDays\_Summer\_whole

- attrlabl: DrySoilDays\_Summer\_whole
- attrdef: This attribute (column name) in the data table represents the dry soil days in the entire soil profile during summer
- attrdefs: Producer defined
- attrdomv:

# **Evap\_Summer**

- attrlabl: Evap\_Summer
- attrdef: This attribute (column name) in the data table represents the evaporation during summer.
- attrdefs: Producer defined
- attrdomv:

# ExtremeShortTermDryStress\_Summer\_ whole

attrlabl: ExtremeShortTermDryStress\_Summer\_whole

 attrdef: This attribute (column name) in the data table represents the extreme short term dry stress for the entire soil profile in the summer

• attrdefs: Producer defined

attrdomv:

## FrostDays\_Winter

• attrlabl: FrostDays\_Winter

 attrdef: This attribute (column name) in the data table represents the count of frost days in the winter

• attrdefs: Producer defined

attrdomv:

## NonDrySWA\_Summer\_whole

• attrlabl: NonDrySWA\_Summer\_whole

 attrdef: This attribute (column name) in the data table represents the non-dry soil water availability during summer

• attrdefs: Producer defined

attrdomv:

# **PPT\_Winter**

• attrlabl: PPT\_Winter

 attrdef: This attribute (column name) in the data table represents the precipitation in winter

attrdefs: Producer defined

attrdomv:

## PPT\_Summer

• attrlabl: PPT\_Summer

 attrdef: This attribute (column name) in the data table represents the precipitation in summer

• attrdefs: Producer defined

attrdomv:

## **PPT\_Annual**

• attrlabl: PPT\_Annual

• attrdef: This attribute (column name) in the data table represents the precipitation annually

• attrdefs: Producer defined

attrdomv:

# **T\_Winter**

• attrlabl: T\_Winter

 attrdef: This attribute (column name) in the data table represents the temperature in winter

• attrdefs: Producer defined

attrdomv:

## T\_Summer

attrlabl: T\_Summer

 attrdef: This attribute (column name) in the data table represents the temperature in summer

• attrdefs: Producer defined

attrdomv:

# **T\_Annual**

• attrlabl: T\_Annual

 attrdef: This attribute (column name) in the data table represents the temperature annually

• attrdefs: Producer defined

attrdomv:

## Tmax\_Summer

• attrlabl: Tmax\_Summer

 attrdef: This attribute (column name) in the data table represents the maximum temperature in summer

• attrdefs: Producer defined

attrdomv:

# Tmin\_Winter

• attrlabl: Tmin\_Winter

• attrdef: This attribute (column name) in the data table represents the minimum temperature in winter

attrdefs: Producer defined

attrdomv:

# VWC\_Winter\_whole

- attrlabl: VWC\_Winter\_whole
- attrdef: This attribute (column name) in the data table represents the volumetric water content in the whole soil profile during winter
- attrdefs: Producer defined
- attrdomv:

## VWC\_Spring\_whole

- attrlabl: VWC\_Spring\_whole
- attrdef: This attribute (column name) in the data table represents the volumetric water content in the whole soil profile during spring
- · attrdefs: Producer defined
- attrdomv:

# VWC\_Summer\_whole

- attrlabl: VWC\_Summer\_whole
- attrdef: This attribute (column name) in the data table represents the volumetric water content in the whole soil profile during summer
- attrdefs: Producer defined
- attrdomv:

## VWC\_Fall\_whole

attrlabl: VWC\_Fall\_whole

• attrdef: This attribute (column name) in the data table represents the volumetric water content in the whole soil profile during fall

• attrdefs: Producer defined

• attrdomv: