## Soil\_data.csv

* Fips: US county FIPS code.
* Lat
* Lon
* Elevation: median elevation (meters)
* Slope1: 0 % ≤ slope ≤ 0.5 %
* Slope2: 0.5 % ≤ slope ≤ 2 %
* Slope3: 2 % ≤ slope ≤ 5 %
* Slope4: 5 % ≤ slope ≤ 10 %
* Slope5: 10 % ≤ slope ≤ 15 %
* Slope6: 15 % ≤ slope ≤ 30 %
* Slope7: 30 % ≤ slope ≤ 45 %
* Slope8: Slope > 45 %
* aspectN: North: 0˚< aspect ≤45˚ or 315˚< aspect ≤360˚
* espectE: East: 45˚ < aspect ≤ 135˚
* aspectS: South: 135˚ < aspect ≤ 225˚
* aspectW: West: 225˚ < aspect ≤ 315˚
* aspectUnknown: Undefined: Slope aspect undefined; this value is used for grids where slope gradient is undefined or slope gradient is less than 2%.
* WAT\_LAND: mapped water bodies
* NVG\_LAND: barren/very sparsely vegetated land
* URB\_LAND: built-up land (residential and infrastructure)
* GRS\_LAND: grass/scrub/woodland
* FOR\_LAND: forrest land, calibrated to FRA2000 land statistics
* CULTRF\_LAND
* CULTIR\_LAND: irrigated cultivated land, according to GMIA 4.0
* CULT\_LAND: total cultivated land
* SQ1: Nutrient availability
* SQ2: Nutrient retention capacity
* SQ3: Rooting conditions
* SQ4: Oxygen availability to roots
* SQ5: excess salts
* SQ6: toxicity
* SQ7: Workability

## Timeseries

* Fips
* Date
* PRECTOT: Precipitation (mm day-1)
* PS: Surface Pressure (kPa)
* QV2M: Specific Humidity at 2 Meters (g/kg)
* T2M: Temperature at 2 Meters ©
* T2MDEW: Dew/Frost Point at 2 Meters ©
* T2MWET: Wet Bulb Temperature at 2 Meters ©
* T2M\_MAX: Maximum Temperature at 2 Meters ©
* T2M\_MIN: Minimum Temperature at 2 Meters ©
* T2M\_RANGE: Temperature Range at 2 Meters ©
* TS: Earth Skin Temperature ©
* WS10M: Wind Speed at 10 Meters (m/s)
* WS10M\_MAX: Maximum Wind Speed at 10 Meters (m/s)
* WS10M\_MIN: Minimum Wind Speed at 10 Meters (m/s)
* WS10M\_RANGE: Wind Speed Range at 10 Meters (m/s)
* WS50M: Wind Speed at 50 Meters (m/s)
* WS50M\_MAX: Maximum Wind Speed at 50 Meters (m/s)
* WS50M\_MIN: Minimum Wind Speed at 50 Meters (m/s)
* WS50M\_RANGE: Wind Speed Range at 50 Meters (m/s)
* Score: Measure of drought ranging from 0 (no drought) to 5 (D4, see description).