Cotton Incorporated funded project - Quaterly Report

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library(sf)

Linking to GEOS 3.10.2, GDAL 3.4.2, PROJ 8.2.1; sf\_use\_s2() is TRUE

library(tidyverse)

── Attaching packages ─────────────────────────────────────── tidyverse 1.3.2  
──

✔ ggplot2 3.4.1 ✔ purrr 1.0.1  
✔ tibble 3.2.1 ✔ dplyr 1.1.2  
✔ tidyr 1.3.0 ✔ stringr 1.5.0  
✔ readr 2.1.2 ✔ forcats 0.5.1  
── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
✖ dplyr::filter() masks stats::filter()  
✖ dplyr::lag() masks stats::lag()

df <- read.csv("../data/daymet/fieldweather\_final.csv") %>%  
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 grepl("CA|AZ|NM|NV", loc) ~ "FarWest",  
 grepl("TX|OK|KS", loc) ~ "Southwest",  
 grepl("MO|AR|LA|MS|TN", loc) ~ "Midsouth",  
 grepl("AL|GA|SC|NC|VA|FL", loc) ~ "Southeast",  
 TRUE ~ "Other"  
 ))  
  
df

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337 107.800 670.9163 37342.42 12.66  
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341 127.220 562.5783 37342.42 21.96  
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