**Weather variables:**

Temp = Annual mean temperature from prism in C at 4600m scale, from 2009-2013

Prep = Annual mean precipitation from prism in mm at 4600m scale, from 2009-2013

**Drought indices:**

Spi = Standardized Precipitation Index (SPI) where precipitation was aggregated for the last 1 year, from 2009-2013, 4600m scale

di = Palmer Drought Severity Index, from 2009-2013, 4600m. scale

st = soil texture USDA classified, at 0, 30, 60, 100, 200cm

cl = crop land data crop escape, 2009-2013.

soc = soil organic carbon at 0, 10, 30 cm.