

# Compare Shrub Cover Data Sources

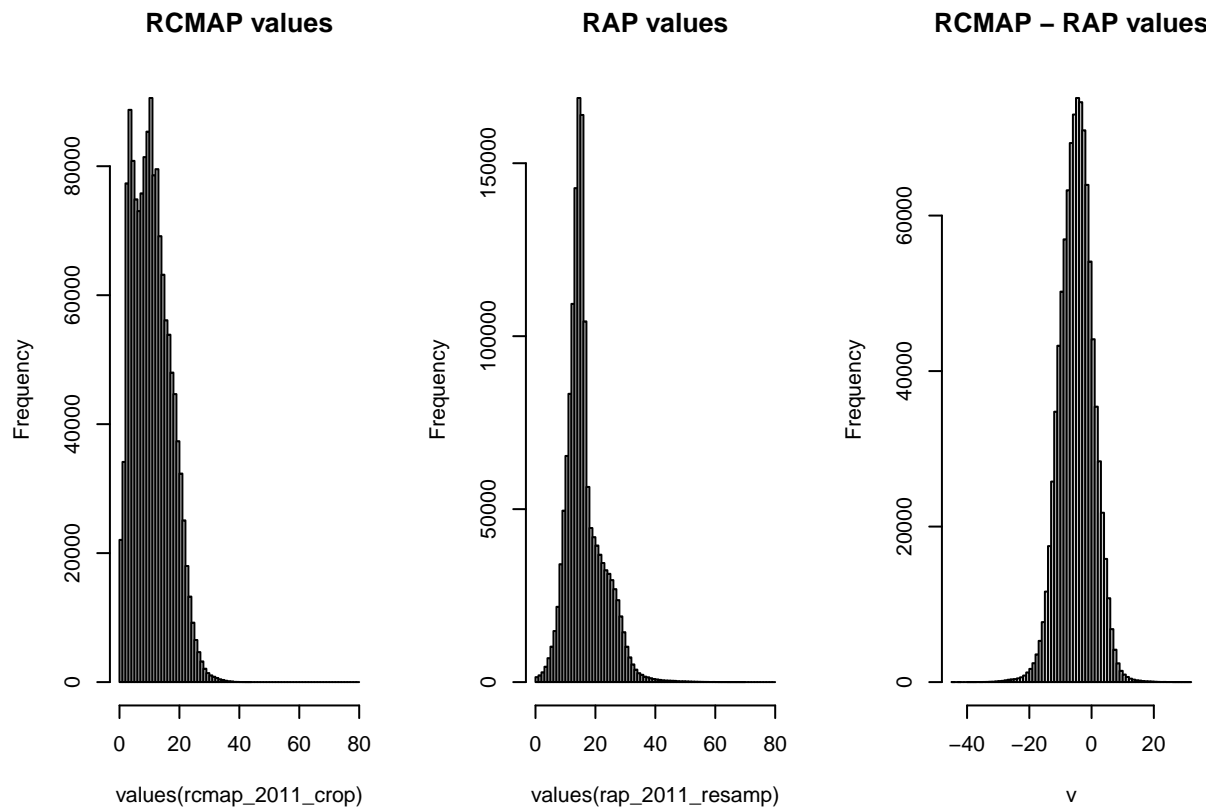
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## Compare RAP to RCMAP

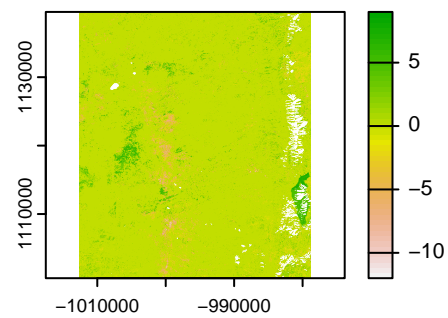
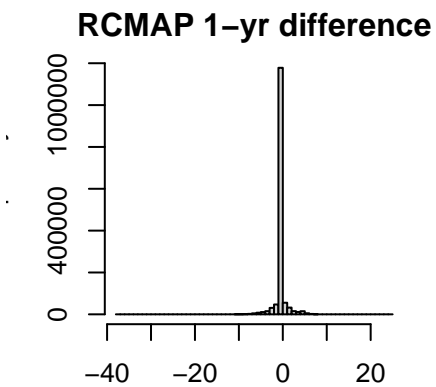
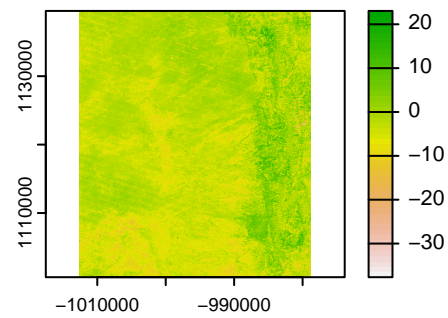
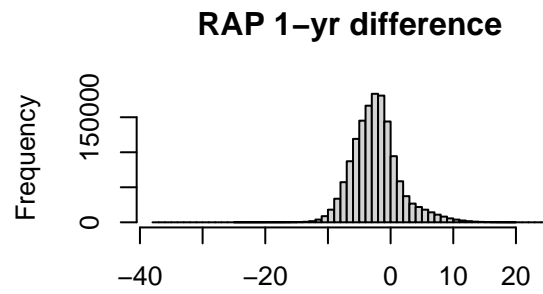
RAP and RCMAP are two data products that estimate fractional vegetation cover for the SW United States. In both cases, models are based on LANDSAT, so both have 30m pixel resolution and span 1985-present.

Looking at the distribution of values in RAP and RCMAP, it's apparent that RAP values are generally higher. [2011 data shown]



## Year to year change in shrub

Shrub cover shouldn't change more than about .25% per year. I looked at the difference between 2011 and 2012 for RAP and RCMAP shrub cover estimates.



RCMAP has much lower year to year shrub change than RAP.

## AIM shrub cover data

There are point shrub cover measurements available from AIM TerrADat. I compared point measurements to RAP where they overlap.

