**­TRES-PAP-2017-0780.R3 Warner comments**

1. There still seems to be some inconsistencies with variables. Scalars should be in italics, vectors in bold italics and matrics in bold (only). The elements of a vector are scalars.

Checked throughout the manuscript.

1. Eqn 1-4. Format variable “*u*” in italics. (But be sure to keep the “d” for differential in roman).

Fixed.

1. Eqn 23. Variable *e* and *λk* should be in italics (including the subscript). (But be sure to keep the “d” for differential in roman).

Fixed.

1. Please make sure you formally define all variables, and don’t just do so implicitly. For example, has **C, λ** and ***b*** all been formally defined (and separately from any version of these variables with subscripts?)

An explicit definition of the mentioned variables was added.

1. Please check that all variables are consistently formatted the same way. The *b* and *C* just below eqn 25 do not seem to match the equation.

Fixed. We have gone through the manuscript and fixed this issue whenever it was found.

1. Tables – explain sigifnicance of bold numbers in the caption. Use singular “Statistic” rather than plural “Statistics” in the table headings. Use sentence case.

The significance of the bold numbers have been added to the manuscript at the end of the first paragraph of Section 4.1.

1. Table 6 – does RMSE MAE, etc have units?

The units for MAE and RMSE were added.

1. Figure 3-6. y-axis labels – rotate y-axis labels next to each graph so the label is oriented vertically, not horizontally.

Done.

1. Figure 7. Remove “Color bar for (b)… equation (1)” from caption. Add a heading above the color bar with “NDVI”. Similarly, add a heading above the color bar for (a) with “Rainfall (mm)”. Remove the mm below the color ramp.

Done.