

Ecosphere

Assessing Precipitation, Evapotranspiration, and NDVI as Controls of U.S. Great Plains Plant Production

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Appendix S4. Additional regional distributions of water variables and their correlations in the U.S. GP

Mean 1982-2015 April-July Actual Evapotranspiration (cm)

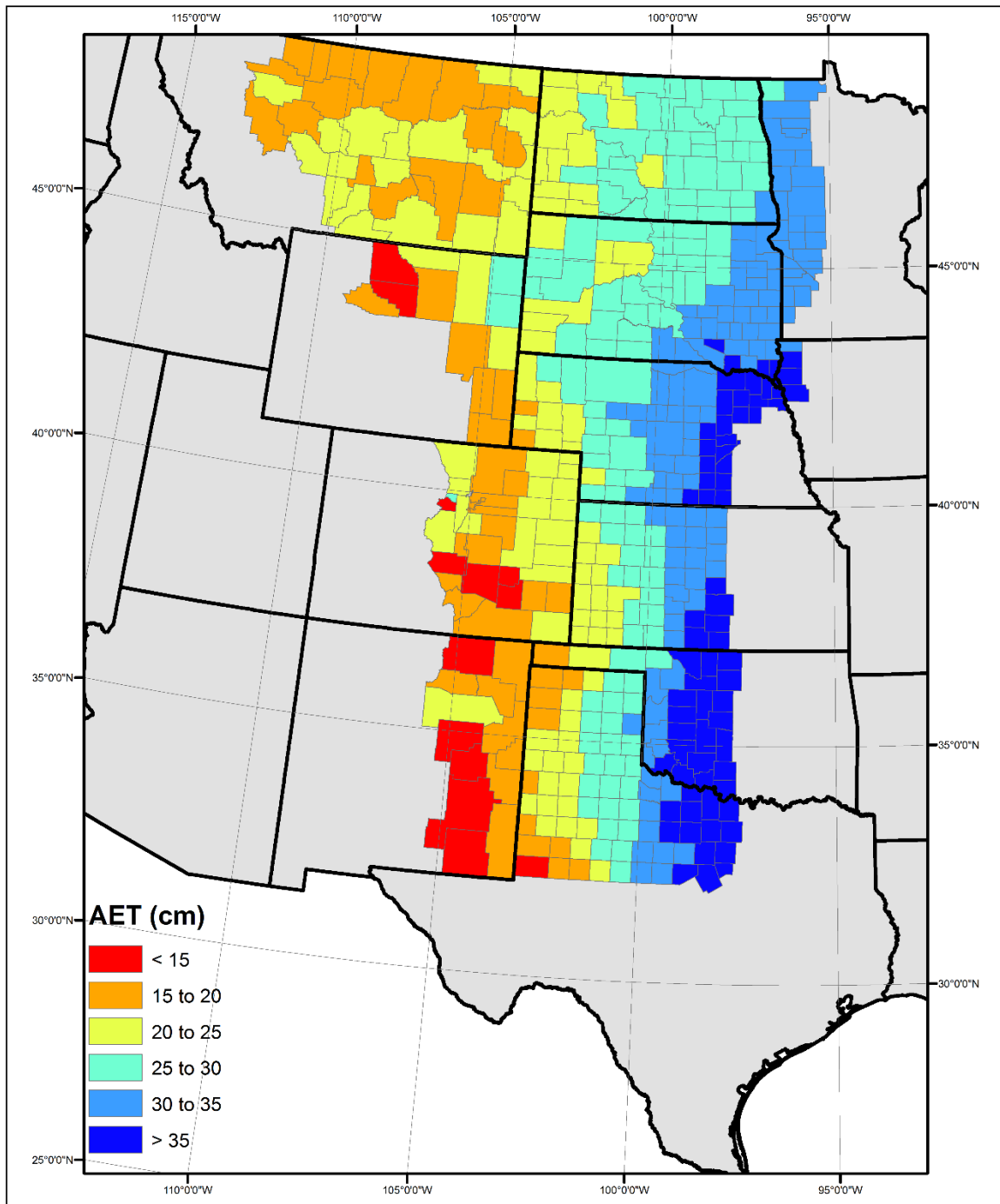


Figure S1. Spatial pattern of mean April-to-July AET in the GP

Mean 1982-2015 April-July Potential Evapotranspiration (cm)

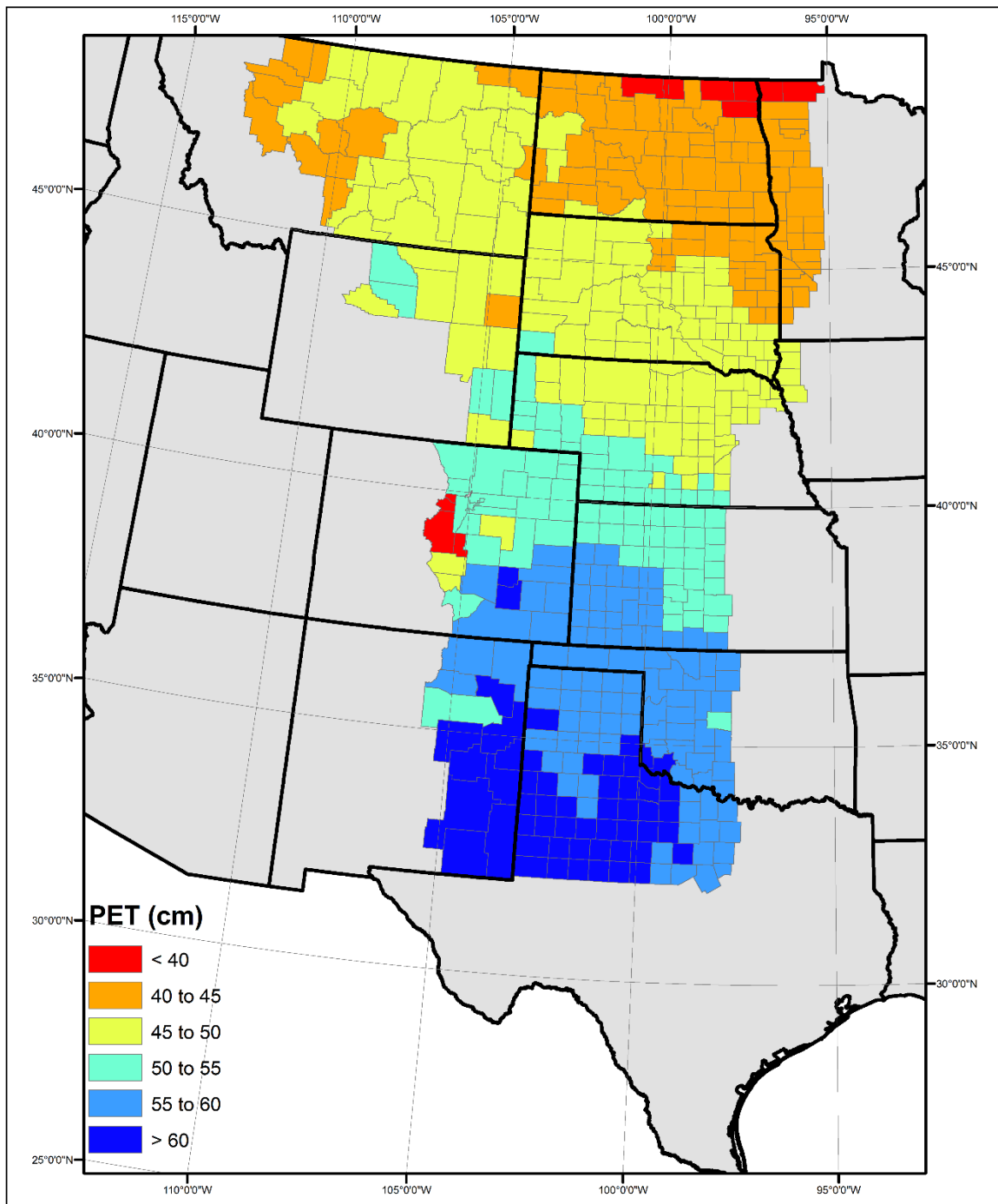


Figure S2. Spatial pattern of mean April-to-July Potential Evapotranspiration in the GP

R^2 AETamjj vs.PPTamjj 1982-2015

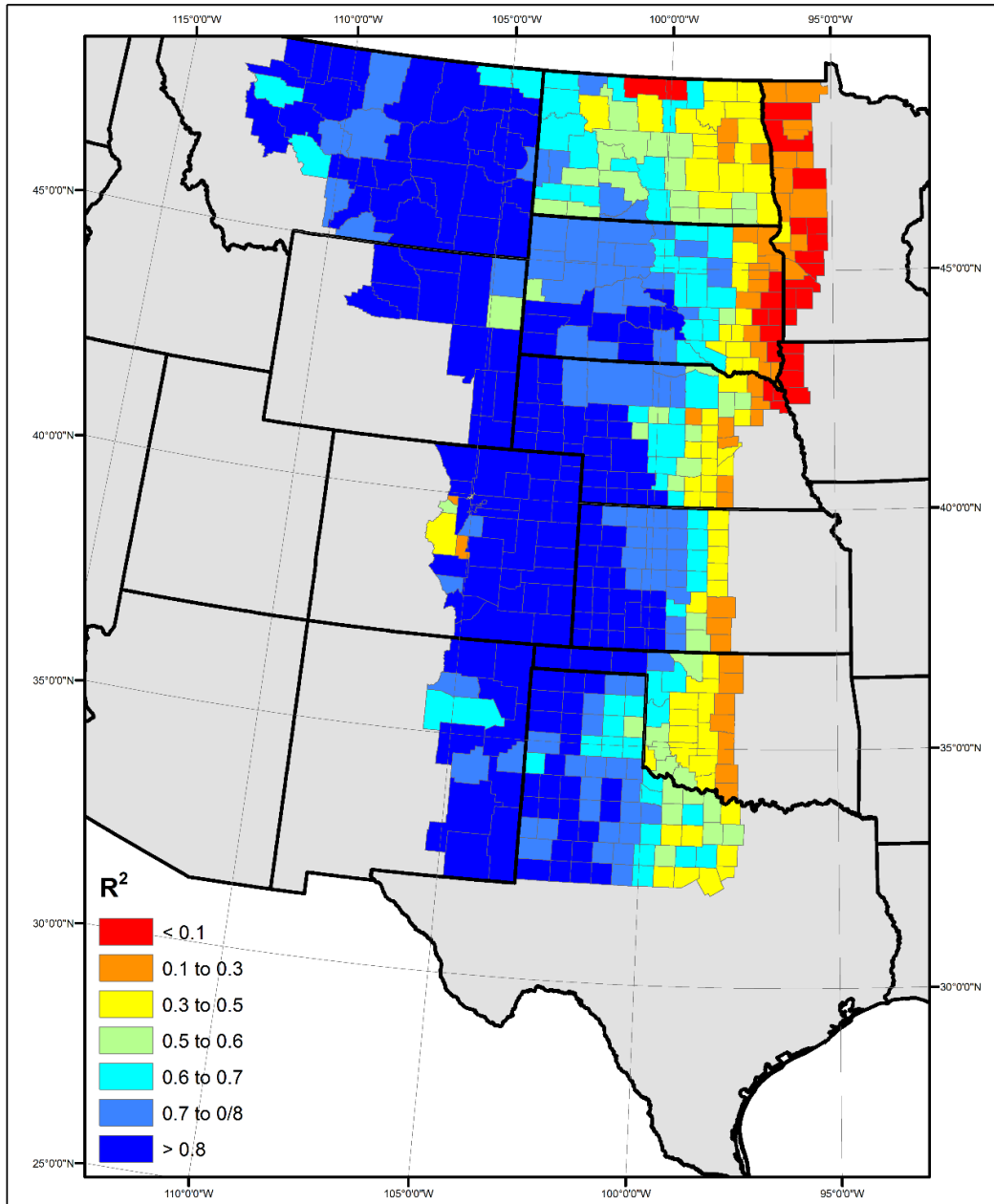


Figure S3. Spatial pattern of correlation (linear regression R^2) between cumulative April-to-July AET and precipitation in the U.S. GP (1982-2015).

AETamjj stdev/mean 1982-2015

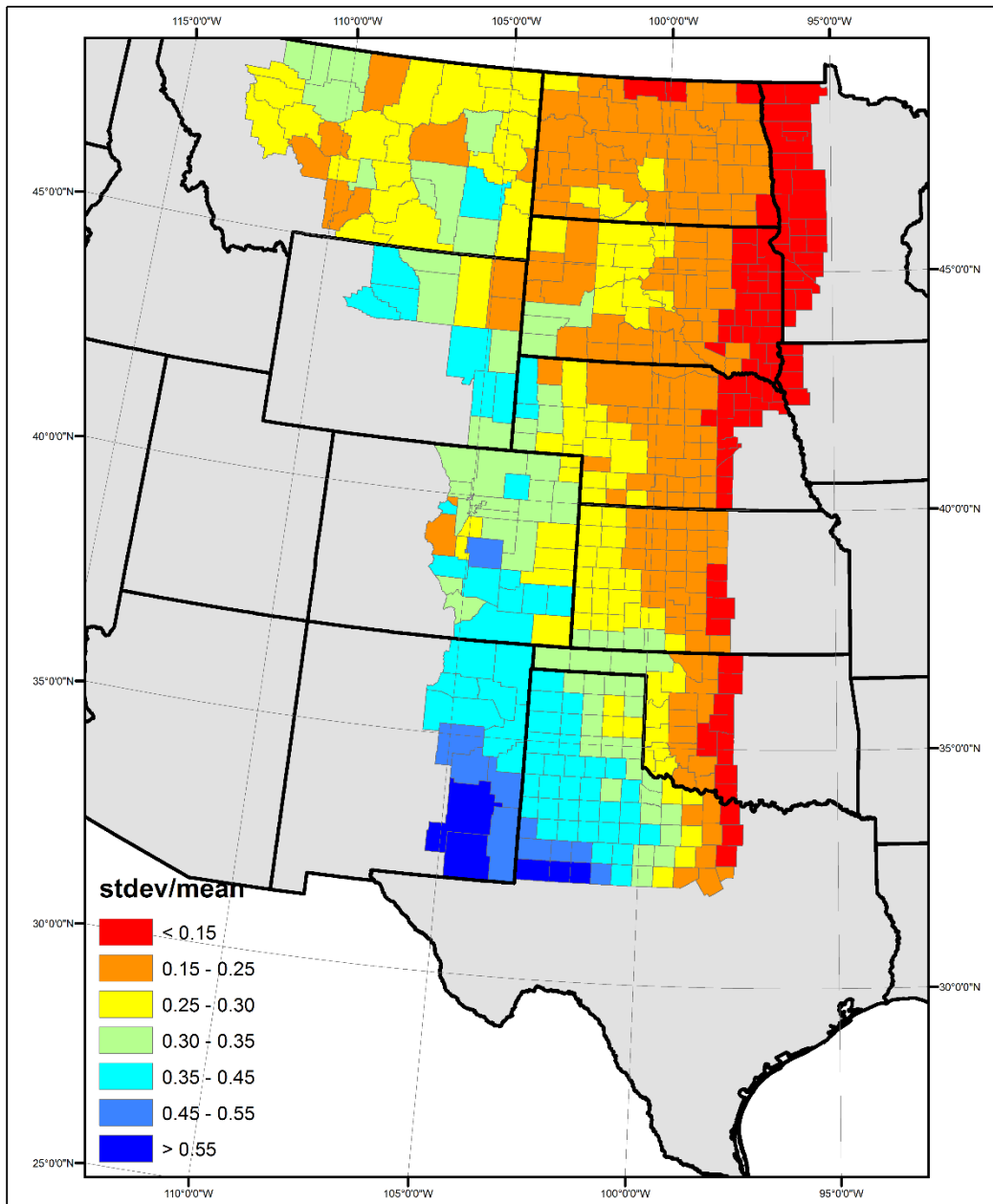


Figure S4. Spatial pattern of coefficient of variation (CV, standard deviation divided by mean) for the annual cumulative April-to-July AET in the U.S. GP (1982-2015).

PPTamjj stdev/mean 1982-2015

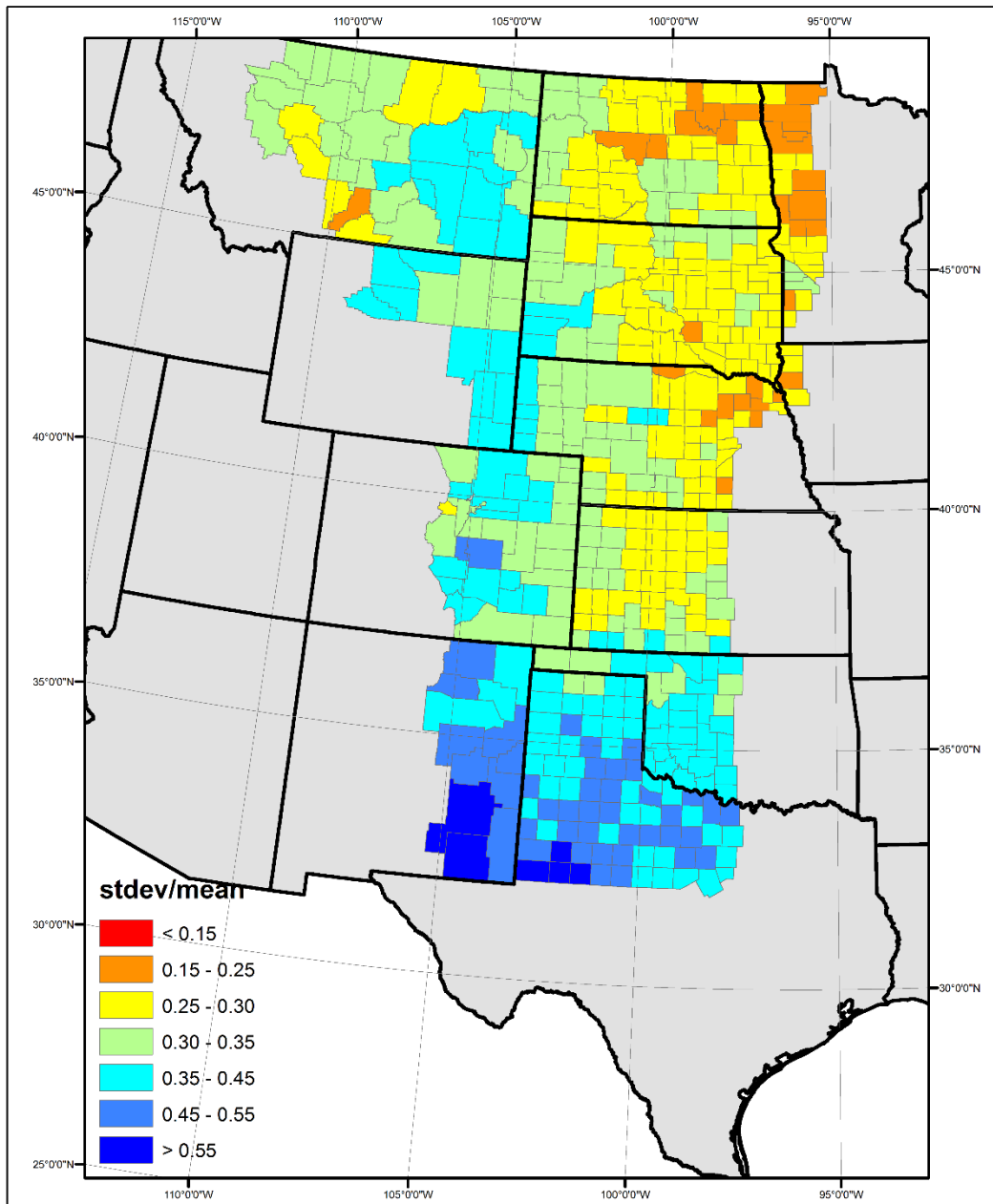


Figure S5. Spatial pattern of coefficient of variation (CV, standard deviation divided by mean) for the annual cumulative April-to-July precipitation in the U.S. GP (1982-2015).