Figure S1. Monthly transpiration estimated using Berkelhammer method with mean night-time respiration (blue) and with exponential temperature function (orange) (Räsänen et al., 2017).
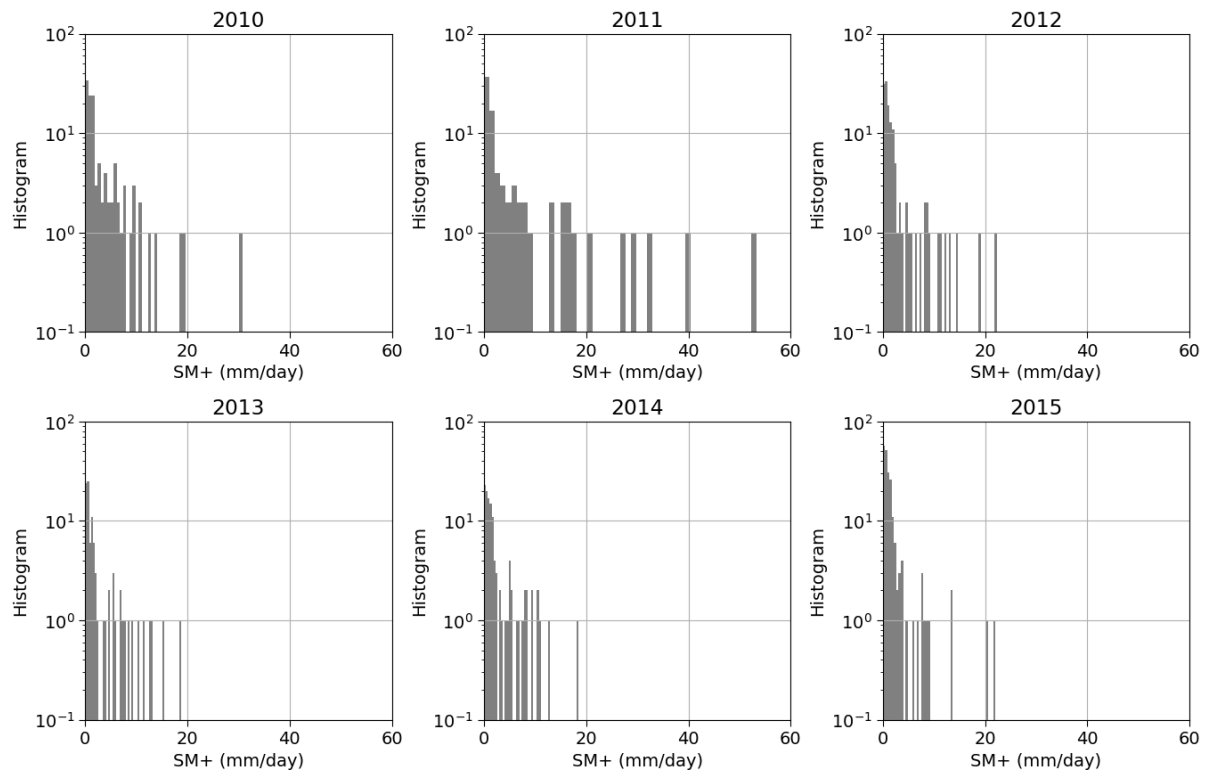
Figure S2. Histogram of mean daily soil moisture increase.
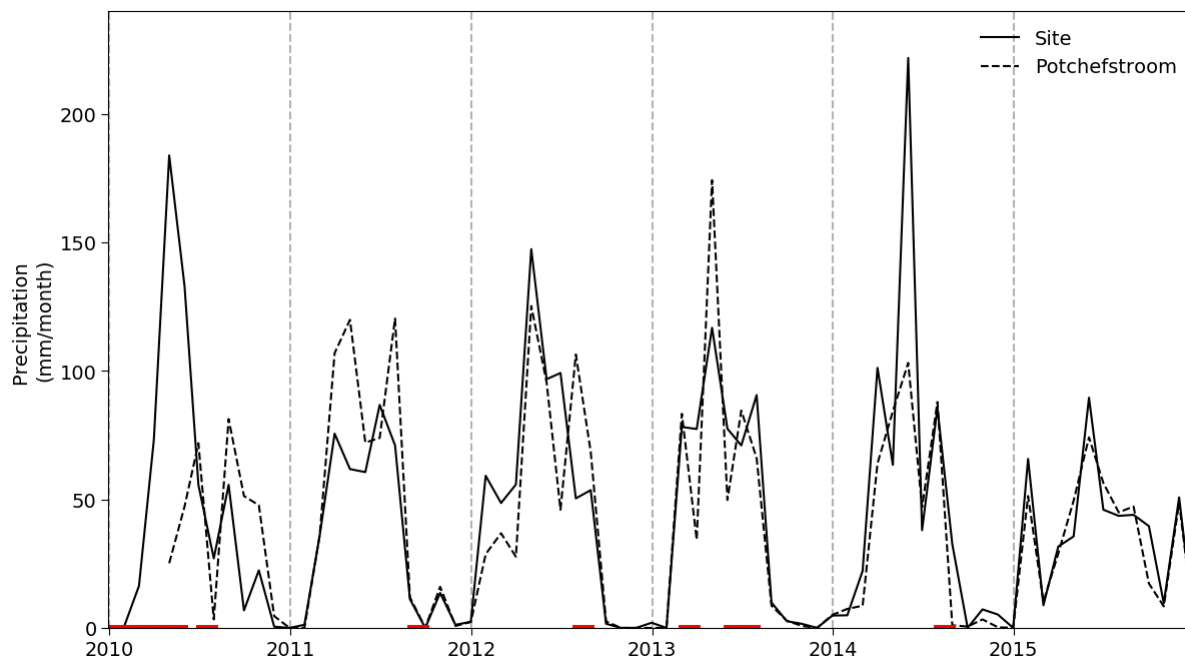
Figure S3. Time series of monthly rainfall at the measurement site and nearby weather station in Potchefstroom. The red lines indicate months when more than 10% of the Potchefstroom measurements were missing.
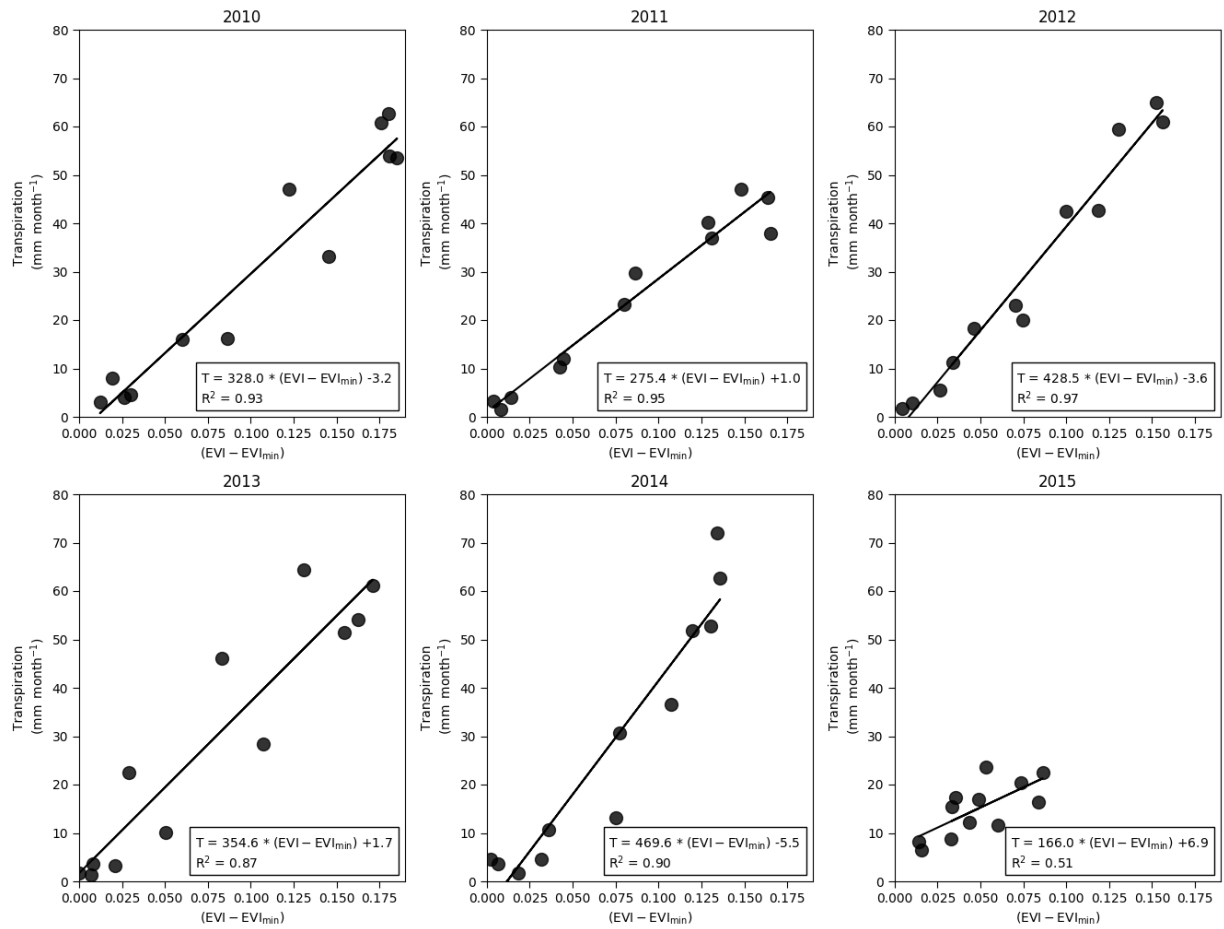
Figure S4. Relation between monthly EVI and transpiration.

References

Räsänen, M., Aurela, M., Vakkari, V., Beukes, J. P., Tuovinen, J.-P., Van Zyl, P. G., Josipovic, M., Venter, A. D., Jaars, K., Siebert, S. J., Laurila, T., Rinne, J., and Laakso, L.: Carbon Balance of a Grazed Savanna Grassland Ecosystem in South Africa, Biogeosciences, 14, 1039–1054, doi:10.5194/bg-14-1039-2017, 2017.