

Supplementary Informations

Location	Position (latitude, longitude)		Altitude (m)	Climate (Joly et al., 2010)
Carquefou	47.319461	-1.491685	7.4	Oceanic
Etiolles	48.667431	2.479903	84.2	Degraded oceanic
Gardouch	43.370952	1.673424	238.3	Southwestern basin
La Tour-de-Salvagny	45.797595	4.712050	286.2	Degraded oceanic
Saint-Genès-Champanelle	45.705787	2.971739	966.8	Continental
Velaine-en-Haye	48.704871	6.082540	334.1	Semi-continental

Table S1: Position, altitude and corresponding climate of the different sampling locations

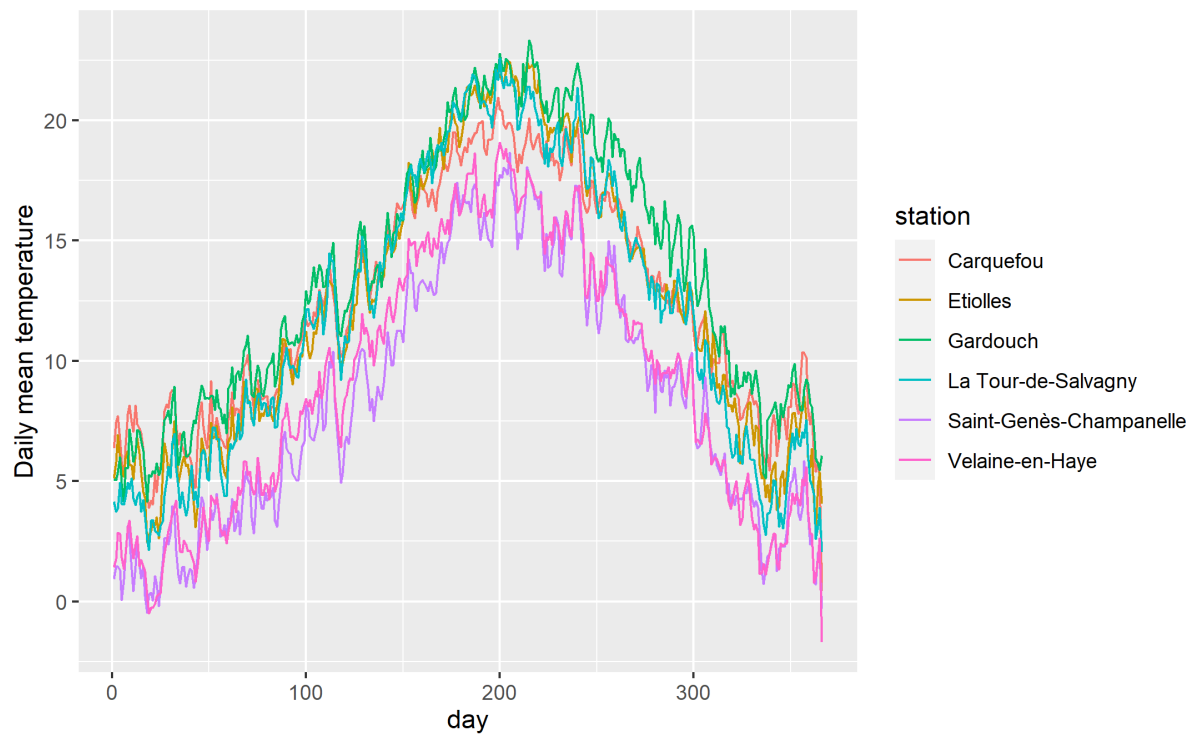


Figure S1: Daily mean observed temperature data for the different locations.

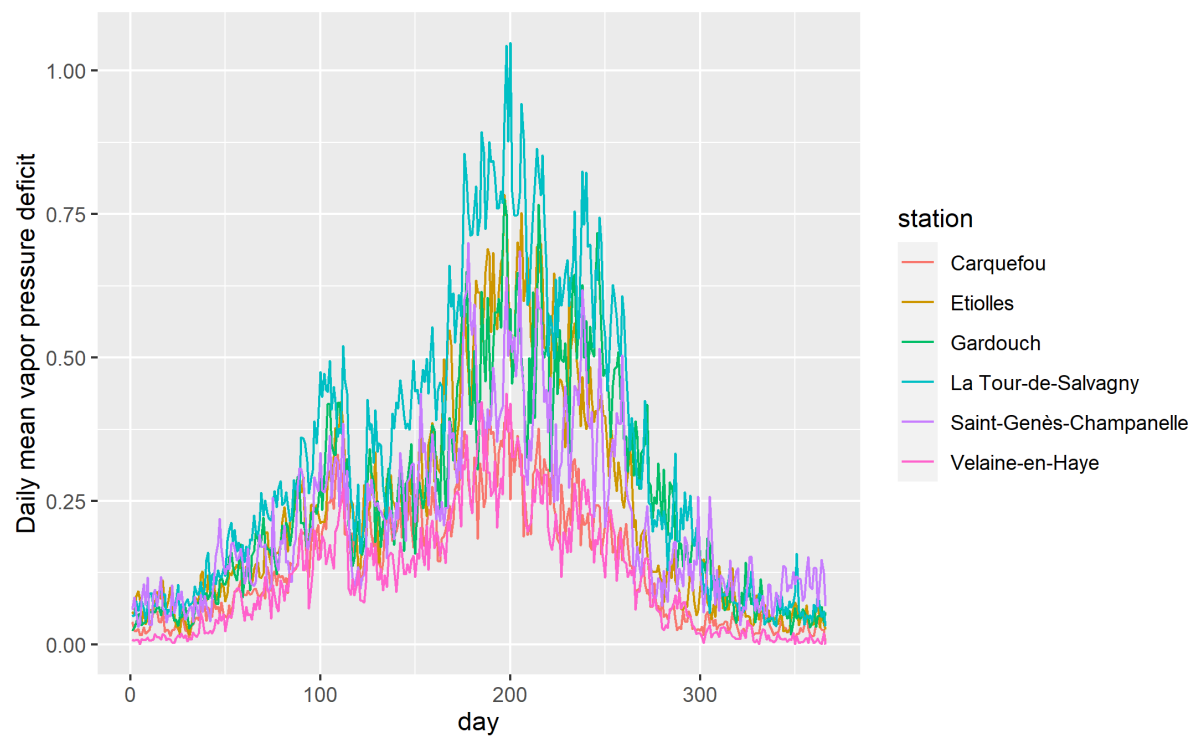


Figure S2: Daily mean observed vapour pressure deficit for the different locations.

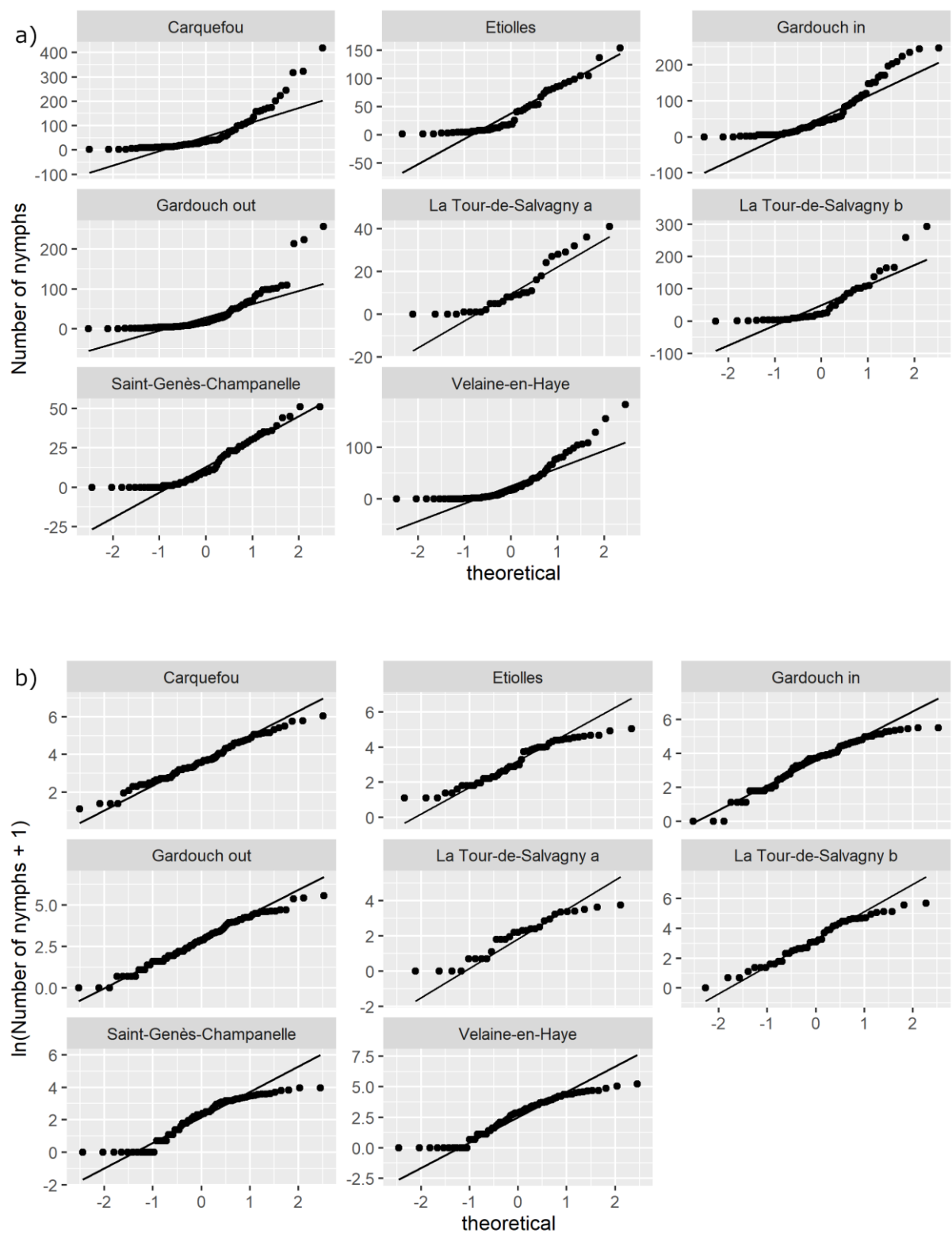


Figure S3: QQ plots of the data for the different sites without (a) or with (b) logarithmic transform.

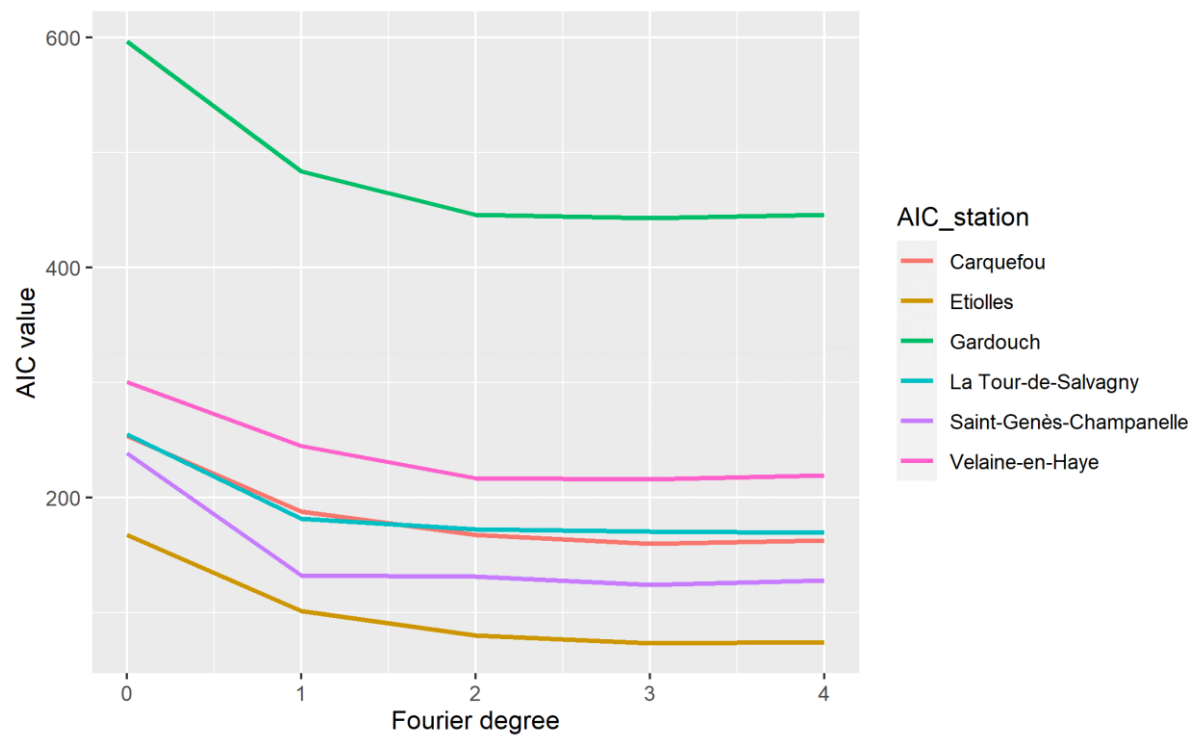


Figure S4: AIC values of harmonic regressions as a function of Fourier degree (parameter K) for the different sites. A unique AIC value was computed for La Tour-de-Salvagny and Gardouch sites.

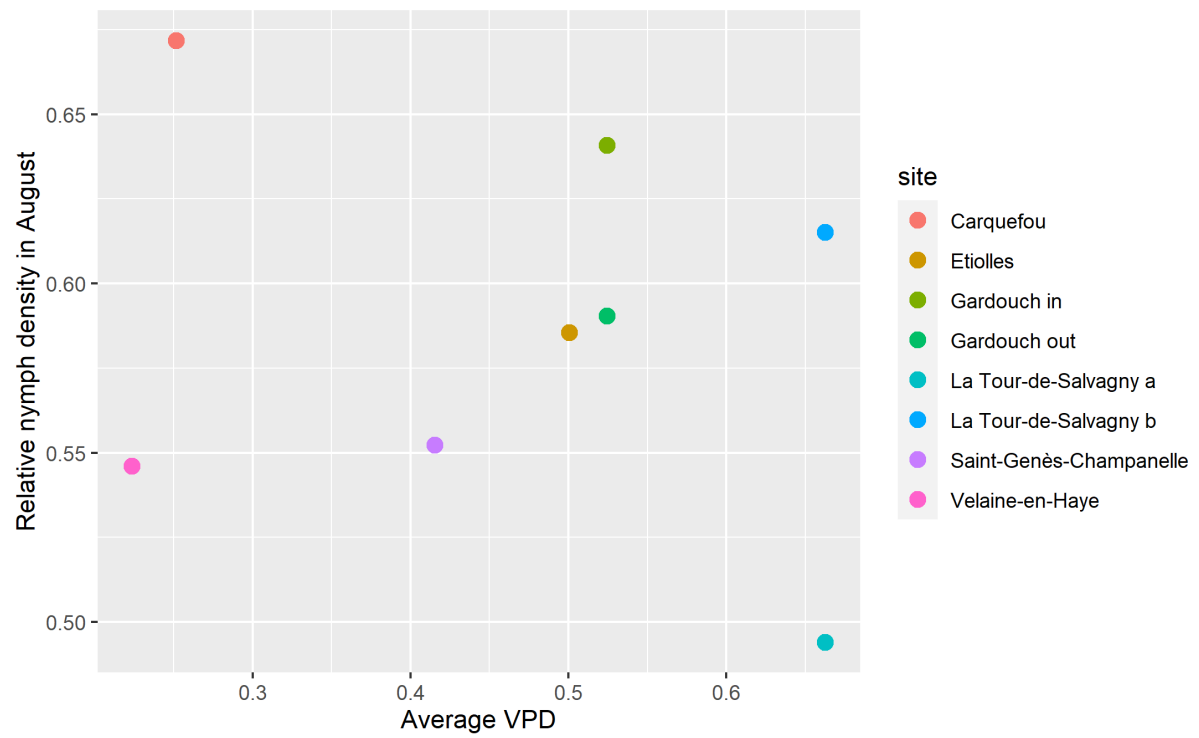


Figure S5: Relationship between Relative nymph density in August and corresponding average vapour pressure deficit.