

Table 1. Monthly average temperatures. Wise County winter temperatures in °F and °C: 2015 vs 2017.

Monthly Average Temperatures

	2015		2017		Δ	
December	39.4 °F	4.1 °C	36.5 °F	2.5 °C	-2.9 °F	-1.6 °C
January	32.1 °F	0.06 °C	39.5 °F	4.2 °C	7.4 °F	4.1 °C
February	26.0 °F	-3.3 °C	42.5 °F	5.8 °C	16.5 °F	9.2 °C

Table 2. Changes in emergence dates from 2015 to 2017 for local odonate species. DoY = day of year.

Species	Suborder	2015 DoY	2017 DoY	Δ
<i>Celithemis elisa</i>	Anisoptera	159	159	0
<i>Arigomphus villosipes</i>	Anisoptera	160	171	11
<i>Chromagrion conditum</i>	Zygoptera	160	160	0
<i>Erythemis simplicicollis</i>	Anisoptera	160	163	3
<i>Libellula cyanea</i>	Anisoptera	160	171	11
<i>Libellula luctuosa</i>	Anisoptera	160	159	-1
<i>Pachydiplax longipennis</i>	Anisoptera	160	164	4
<i>Argia fumipennis</i>	Zygoptera	161	163	2
<i>Lestes eurinus</i>	Zygoptera	161	166	5
<i>Libellula incesta</i>	Anisoptera	161	164	3
<i>Plathemis lydia</i>	Anisoptera	161	158	-3
<i>Perithemis tenera</i>	Zygoptera	162	166	4
<i>Enallagma aspersum</i>	Zygoptera	163	163	0
<i>Tramea carolina</i>	Anisoptera	163	166	3
<i>Anax longipes</i>	Anisoptera	167	173	6
<i>Enallagma civile</i>	Zygoptera	167	160	-7
<i>Gomphus exilis</i>	Anisoptera	168	164	-4
<i>Ischnura verticalis</i>	Zygoptera	169	167	-2
<i>Ischnura posita</i>	Zygoptera	174	159	-15
<i>Calopteryx maculata</i>	Zygoptera	175	158	-17
<i>Enallagma basidens</i>	Zygoptera	175	167	-8
<i>Lestes vigilax</i>	Zygoptera	187	159	-28
<i>Tramea lacerata</i>	Anisoptera	187	164	-23
<i>Anax junius</i>	Anisoptera	195	187	-8

Figure 1. Survey locations. Map of the sampling locations on the UVA-Wise campus.

