Supplementary Material

Table S1: Weather data from the meteorological station of *Tapada da Ajuda*, distanced approximately 200 m from our study area (38.7095611, -9.18282500) for the months of April and May 2019. Mean T, Max T and Min T represent the daily mean, maximum and minimum temperature recorded at 1.5 m above ground. Values expressed in tenths of ºC. Grass T represent the daily minimum temperature recorded at 1.5 cm above ground. Values expressed in tenths of ºC. Soil mean T, Soil max T and Soil min T represent the daily mean, maximum and minimum temperature recorded at 10 cm below ground. Values expressed in tenths of ºC. Mean H, Max H and Min H represent the daily mean, maximum and minimum air relative humidity at 1.5 m above ground. Values expressed in %. Precipitation represent total daily precipitation levels. Values expressed in tenths of mm.

Year	Month	Day	Mean T	Max T	Min T	Grass T	Soil mean T	Soil max T	Soil min T	Mean H	Max H	Min H	Precipitation
2019	4	1	152	204	98	56	167	266	105	77	95	53	2
2019	4	2	139	203	81	30	157	274	81	79	98	56	1
2019	4	3	115	157	66	26	123	183	76	68	95	46	0
2019	4	4	109	169	48	-7	125	239	48	71	94	39	47
2019	4	5	102	141	54	26	114	179	74	79	95	54	57
2019	4	6	113	161	67	35	120	187	78	78	96	54	41
2019	4	7	133	161	103	86	140	177	107	88	97	70	100
2019	4	8	131	170	78	29	144	213	75	83	100	54	24
2019	4	9	135	180	101	52	141	210	103	75	86	55	3

2019	4	10	127	174	85	47	139	195	97	83	95	58	36
2019	4	11	135	188	79	40	143	216	93	72	96	47	1
2019	4	12	137	200	77	17	149	245	75	72	96	39	0
2019	4	13	150	181	114	92	166	216	119	87	98	72	0
2019	4	14	167	205	149	139	181	236	161	93	100	75	12
2019	4	15	148	189	88	41	161	251	90	83	98	61	1
2019	4	16	135	203	78	24	160	277	77	78	99	42	1
2019	4	17	141	160	127	120	149	183	132	87	95	77	68
2019	4	18	138	180	97	63	160	265	100	83	97	65	35
2019	4	19	131	178	90	60	139	193	97	89	99	60	67
2019	4	20	182	254	127	100	173	261	120	63	87	35	0
2019	4	21	182	242	134	90	186	294	117	53	81	37	0
2019	4	22	151	199	104	68	177	292	103	78	93	45	28
2019	4	23	116	157	83	58	137	217	89	72	90	49	34
2019	4	24	144	174	123	91	161	241	119	84	95	68	88

2019	4	25	134	169	95	55	148	242	97	69	91	49	4
2019	4	26	142	192	89	52	150	261	94	67	96	43	0
2019	4	27	172	253	95	57	180	287	95	59	81	34	0
2019	4	28	198	274	111	66	198	332	100	60	92	29	0
2019	4	29	187	272	120	80	193	328	114	57	87	26	0
2019	4	30	167	237	93	48	188	339	96	68	94	49	0
2019	5	1	168	242	116	70	186	326	114	71	92	44	0
2019	5	2	199	274	115	70	211	361	107	63	88	39	0
2019	5	3	198	284	130	73	214	391	109	61	89	29	0
2019	5	4	184	258	103	57	202	396	88	58	91	30	0
2019	5	5	159	210	109	51	194	394	85	71	82	55	0
2019	5	6	159	198	125	104	195	346	133	72	91	53	0
2019	5	7	162	178	152	150	177	216	163	95	98	86	20
2019	5	8	155	171	141	142	176	227	157	96	99	81	95
2019	5	9	162	190	143	142	178	226	160	97	100	85	23

2019	5	10	172	211	125	84	188	273	130	87	100	56	0
2019	5	11	196	285	106	63	201	349	107	65	99	30	0
2019	5	12	263	341	179	117	240	396	150	36	71	21	0
2019	5	13	274	346	213	179	253	433	170	26	39	12	0
2019	5	14	235	287	186	104	244	446	146	45	62	28	0
2019	5	15	208	300	128	68	214	451	110	56	82	29	0
2019	5	16	160	213	126	78	183	370	118	70	89	52	0
2019	5	17	152	202	110	69	170	339	103	61	78	40	0
2019	5	18	152	190	111	64	171	321	101	63	81	46	0
2019	5	19	165	231	110	59	212	425	110	67	86	46	0
2019	5	20	158	221	91	42	-990	365	91	72	96	48	0
2019	5	21	179	234	130	96	-990	398	134	73	94	47	0
2019	5	22	183	255	111	59	213	450	94	70	96	49	0
2019	5	23	177	255	111	63	211	427	92	71	98	45	0
2019	5	24	187	247	139	102	211	410	126	59	82	33	2

2019	5	25	220	291	140	81	236	463	122	47	77	24	0
2019	5	26	235	312	180	117	-990	500	143	48	68	28	1
2019	5	27	196	268	153	107	222	424	136	65	80	46	0
2019	5	28	219	295	149	126	246	432	131	50	79	31	0
2019	5	29	263	332	205	178	276	472	171	33	47	19	0
2019	5	30	285	356	221	161	294	486	173	28	56	16	0
2019	5	31	257	343	169	124	272	495	137	41	73	23	0