

S2 Table. Pearson's Correlation between variables describing weather and time for predicting visitation to water for 9 mammals at Sevilleta NWR, New Mexico, USA (BC = bobcat, CT = cottontail rabbit, JR = jackrabbit, PH= pronghorn, MD = mule deer, CY = coyote).

	Week ^a	TMAX ^b	RH ^c	VPD ^d	P1 ^e	P6 ^f	BC	Elk	Oryx	Puma	CT	JR	PH	MD	CY
Week	1.00	0.08	0.26	-0.13	0.16	0.30	-0.07	-0.02	-0.18	-0.01	-0.15	-0.26	-0.07	0.04	0.02
TMAX	0.08	1.00	-0.54	0.68	0.16	0.25	0.51	0.28	0.10	0.01	0.04	0.01	0.36	0.16	-0.01
RH	0.26	-0.54	1.00	-0.71	0.41	0.35	-0.49	-0.36	-0.31	-0.22	-0.25	-0.28	-0.49	-0.46	-0.39
VPD	-0.13	0.68	-0.71	1.00	-0.21	-0.28	0.69	0.38	0.41	0.23	0.35	0.24	0.57	0.45	0.30
P1	0.16	0.16	0.41	-0.21	1.00	0.47	-0.09	-0.15	-0.22	-0.11	-0.18	-0.17	-0.15	-0.25	-0.34
P6	0.30	0.25	0.35	-0.28	0.47	1.00	-0.25	-0.38	-0.45	-0.32	-0.44	-0.36	-0.48	-0.56	-0.40
BC	-0.07	0.51	-0.49	0.69	-0.09	-0.25	1.00	0.32	0.40	0.20	0.36	0.24	0.53	0.47	0.39
Elk	-0.02	0.28	-0.36	0.38	-0.15	-0.38	0.32	1.00	0.41	0.37	0.26	0.14	0.55	0.57	0.25
Oryx	-0.18	0.10	-0.31	0.41	-0.22	-0.45	0.40	0.41	1.00	0.44	0.29	0.39	0.58	0.56	0.35
Puma	-0.01	0.01	-0.22	0.23	-0.11	-0.32	0.20	0.37	0.44	1.00	0.20	0.36	0.33	0.40	0.23
CT	-0.15	0.04	-0.25	0.35	-0.18	-0.44	0.36	0.26	0.29	0.20	1.00	0.38	0.55	0.53	0.33
JR	-0.26	0.01	-0.28	0.24	-0.17	-0.36	0.24	0.14	0.39	0.36	0.38	1.00	0.33	0.21	0.19
PH	-0.07	0.36	-0.49	0.57	-0.15	-0.48	0.53	0.55	0.58	0.33	0.55	0.33	1.00	0.80	0.43
MD	0.04	0.16	-0.46	0.45	-0.25	-0.56	0.47	0.57	0.56	0.40	0.53	0.21	0.80	1.00	0.62
CY	0.02	-0.01	-0.39	0.30	-0.34	-0.40	0.39	0.25	0.35	0.23	0.33	0.19	0.43	0.62	1.00

^a Julian week of the year (values spanning 1 – 52).

^b Weekly average of daily maximum temperature.

^c Weekly average of daily minimum relative humidity.

^d Weekly average of daily maximum vapor pressure deficit.

^e Weekly sum of precipitation.

^f Sum of precipitation over the prior 5 week period (6-week total amount of precipitation).