

Summary of American Kestel 10-yr migration count trends

Site	Region	Season	Trend (%/yr)	p-value	
Cape May	E-AA	fall	-1.82	0.569	
Chestnut Hill	E-AA	fall	-2.54	0.556	*
College Creek	E-AA	spring	-6.29	0.24	
Eagle Crossing, SW Quebec, Canada	E-AA	spring	-2.78	0.42	
Florida Keys Hawkwatch	E-AA	fall	3.42	0.217	
Fort Smallwood Park	E-AA	spring	-10.28	0.022	-
Franklin Mt.	E-AA	fall	-1.91	0.357	
Hawk Mountain Sanctuary	E-AA	fall	0.11	0.951	
Hawk Mountain Sanctuary	E-AA	spring	-4.03	0.39	
Jacks Mountain	E-AA	fall	-0.94	0.807	
Lighthouse Point	E-AA	fall	-1.75	0.35	
Militia Hill	E-AA	fall	7.31	0.001	+
Montclair Hawk Lookout	E-AA	fall	-2.40	0.441	
Montreal West Island Hawkwatch	E-AA	fall	-11.16	0.006	-
Mount Peter	E-AA	fall	1.68	0.563	
Observatoire d'oiseaux de Tadoussac 1	E-AA	fall	-8.77	<i>0.078</i>	-
Picatinny Peak	E-AA	fall	-3.68	0.198	
Pilgrim Heights	E-AA	spring	1.17	0.78	
Quaker Ridge	E-AA	fall	-1.10	0.678	
Stone Mt., Pa.	E-AA	fall	0.22	0.934	
Waggoner's Gap	E-AA	fall	0.91	0.618	
Braddock Bay	E-GL	spring	3.85	0.411	
Derby Hill Bird Observatory	E-GL	spring	2.80	0.414	
Detroit River Hawk Watch	E-GL	fall	-13.28	0.011	-
Grimsby, ON - Beamer Conservation Area	E-GL	spring	-2.39	0.435	
Hawk Ridge	E-GL	fall	-8.11	<i>0.056</i>	-
High Park	E-GL	fall	-13.42	0.047	-
Holiday Beach Conservation Area	E-GL	fall	-0.73	0.896	
Illinois Beach State Park	E-GL	fall	-12.01	0.039	-
Whitefish Point	E-GL	spring	-1.16	0.707	
Corpus Christi Raptor Migration Project	G	fall	5.13	0.157	
Smith Point Raptor Migration Project	G	fall	1.03	0.834	
Veracruz River of Raptors Cardel, MX	G	fall	0.53	0.804	
Veracruz River of Raptors Chichicaxtle, MX	G	fall	4.39	0.049	+
Bonney Butte Raptor Migration Project	W	fall	-2.70	0.508	*
Bridger Mountains Raptor Migration Project	W	fall	10.37	<i>0.079</i>	+
Chelan Ridge Raptor Migration Project	W	fall	-7.25	<i>0.071</i>	-
Goshute Mountains Raptor Migration Project	W	fall	-6.78	0.004	-
Manzano Mountains Raptor Migration Project	W	fall	-8.01	0.001	-

* site averages less than 20 of this species per migration season

Summary of American Kestel 20-yr migration count trends

Site	Region	Season	Trend (%/yr)	p-value
Cape May	E-AA	fall	-4.80	0 -
Chestnut Hill	E-AA	fall	-4.85	0.021 - *
Eagle Crossing, SW Quebec, Canada	E-AA	spring	1.61	0.23
Hawk Mountain Sanctuary	E-AA	fall	-2.97	0 -
Lighthouse Point	E-AA	fall	-6.77	0 -
Montclair Hawk Lookout	E-AA	fall	-2.56	0.033 -
Montreal West Island Hawkwatch	E-AA	fall	-2.47	0.078 -
Mount Peter	E-AA	fall	-3.16	0.037 -
Waggoner's Gap	E-AA	fall	2.09	0.011 +
Braddock Bay	E-GL	spring	-2.45	0.254
Derby Hill Bird Observatory	E-GL	spring	-3.53	0.031 -
Grimsby, ON - Beamer Conservation Area	E-GL	spring	-1.14	0.241
Hawk Ridge	E-GL	fall	-2.29	0.081 -
Holiday Beach Conservation Area	E-GL	fall	-1.95	0.131
Whitefish Point	E-GL	spring	0.69	0.648
Bridger Mountains Raptor Migration Project	W	fall	-2.946	0.156
Goshute Mountains Raptor Migration Project	W	fall	-5.46	0 -
Manzano Mountains Raptor Migration Project	W	fall	-4.49	0 -

* site averages less than 20 of this species per migration season