

Summary of Merlin 10-yr migration count trends

Site	Region	Season	Trend (%/yr)	p-value	
Cape May	E-AA	fall	0.23	0.905	
Chestnut Hill	E-AA	fall	-5.288	0.599	*
College Creek	E-AA	spring	13.42	0.32	*
Eagle Crossing, SW Quebec, Canada	E-AA	spring	-12.48	0.037	- *
Florida Keys Hawkwatch	E-AA	fall	-0.22	0.943	
Fort Smallwood Park	E-AA	spring	-9.42	0.004	-
Franklin Mt.	E-AA	fall	-3.95	0.203	
Hawk Mountain Sanctuary	E-AA	fall	2.27	0.42	
Hawk Mountain Sanctuary	E-AA	spring	-4.74	0.263	*
Jacks Mountain	E-AA	fall	7.41	0.055	+ *
Lighthouse Point	E-AA	fall	-1.39	0.511	
Militia Hill	E-AA	fall	13.86	0.009	+
Montclair Hawk Lookout	E-AA	fall	2.37	0.48	
Montreal West Island Hawkwatch	E-AA	fall	-18.50	0	- *
Mount Peter	E-AA	fall	4.62	0.444	
Observatoire d'oiseaux de Tadoussac 1	E-AA	fall	-4.56	0.419	
Picatinny Peak	E-AA	fall	6.64	0.107	*
Pilgrim Heights	E-AA	spring	5.16	0.11	
Quaker Ridge	E-AA	fall	4.78	0.192	
Stone Mt., Pa.	E-AA	fall	-1.65	0.692	
Waggoner's Gap	E-AA	fall	5.21	0.111	
Braddock Bay	E-GL	spring	6.89	0.253	
Derby Hill Bird Observatory	E-GL	spring	7.42	0.035	+
Detroit River Hawk Watch	E-GL	fall	-6.79	0.026	-
Grimsby, ON - Beamer Conservation Area	E-GL	spring	2.17	0.428	*
Hawk Ridge	E-GL	fall	2.34	0.429	
High Park	E-GL	fall	-12.29	0.079	-
Holiday Beach Conservation Area	E-GL	fall	1.43	0.572	
Illinois Beach State Park	E-GL	fall	2.97	0.64	
Whitefish Point	E-GL	spring	-0.53	0.87	
Corpus Christi Raptor Migration Project	G	fall	12.10	0.001	+
Smith Point Raptor Migration Project	G	fall	-8.63	0.078	-
Veracruz River of Raptors Cardel, MX	G	fall	1.16	0.652	
Veracruz River of Raptors Chichicastle, MX	G	fall	2.16	0.477	
Bonney Butte Raptor Migration Project	W	fall	3.62	0.324	
Bridger Mountains Raptor Migration Project	W	fall	6.53	0.213	*
Chelan Ridge Raptor Migration Project	W	fall	2.59	0.488	
Goshute Mountains Raptor Migration Project	W	fall	3.35	0.103	
Manzano Mountains Raptor Migration Project	W	fall	6.99	0.048	+

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

Summary of Merlin 20-yr migration count trends

Site	Region	Season	Trend (%/yr)	p-value	
Cape May	E-AA	fall	-1.25	0.286	
Chestnut Hill	E-AA	fall	-10.18	0.037	- *
Eagle Crossing, SW Quebec, Canada	E-AA	spring	-1.14	0.58	*
Hawk Mountain Sanctuary	E-AA	fall	2.37	0.029	+
Lighthouse Point	E-AA	fall	-2.79	0.135	
Montclair Hawk Lookout	E-AA	fall	4.96	0.003	+
Montreal West Island Hawkwatch	E-AA	fall	-1.98	0.417	*
Mount Peter	E-AA	fall	5.30	0.012	+
Waggoner's Gap	E-AA	fall	8.29	0	+
Braddock Bay	E-GL	spring	4.55	0.186	
Derby Hill Bird Observatory	E-GL	spring	2.01	0.147	
Grimsby, ON - Beamer Conservation Area	E-GL	spring	0.19	0.879	*
Hawk Ridge	E-GL	fall	-2.45	0.08	-
Holiday Beach Conservation Area	E-GL	fall	3.53	0.003	+
Whitefish Point	E-GL	spring	1.56	0.308	
Goshute Mountains Raptor Migration Project	W	fall	-2.32	0.093	-
Manzano Mountains Raptor Migration Project	W	fall	1.19	0.399	

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