## Winter Raptor Survey Results - January 23, 2010

TOTALS FOR ENTIRE SURVEY PERIOD

| | | | | Northern Harrier | | | Red-tailed | Rough-legged Hawk | | | Cooper's | Peregrine | Bald Eagle | | | | Short-eared | Great-horned | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Cape May County:** | | **Observer** | **Observer** | female/imm. | ad. male | total | **Hawk** | light | dark | total | **Hawk** | **Falcon** | **imm.** | **adult** | **unk** | **total** | **Owl** | **Owl*** | | |
| | 1. Jake's Landing (end of the road) | Tom Reed | Tony Leukering | 14 | 1 | 15 | 1 | | | 0 | 1 | 1 | | 1 | | 1 | 1 | | | |
| | 2. Stipson Island Road (boat ramp at PSE&G Dennis Twp. site) | Chuck Slugg | MJ Slugg | 3 | | 3 | 1 | | | 0 | | | | 1 | | 1 | | 1 | | |
| | 3. Tuckahoe (from dike road near spillway) | Tom McParland | Bill Roache | 3 | | 3 | 2 | | | 0 | | | | 1 | | 1 | 2 | 2 | | |
| | 4. Avalon Causeway, mile marker 1. | Jim Armstrong | Gail Dwyer | | 1 | 1 | 1 | | | 0 | | | | 1 | | 1 | | | | |
| **Cumberland County** | | | | | | 0 | | | | 0 | | | | | | 0 | | | | |
| | 5. Thompson's Beach (tower on PSE&G site) | Kathy Horn | Roger Horn | 7 | 1 | 8 | 2 | | | 0 | | 2 | | 2 | | 2 | 1 | 3 | | |
| | 6. Bivalve (tower on PSE&G Commercial Township site at the end of High Street) | Glen Davis | Christina Kisiel | 8 | 1 | 9 | | | | 0 | | 1 | | 2 | | 2 | 1 | 1 | | |
| | 7. Turkey Point (tower at end of Turkey Point Road) | Pete Dunne | Dave Lord, Tanya Usyk | 32 | 1 | 33 | 2 | | | 0 | | | | 1 | | 1 | 4 | 4 | | |
| | 8. Newport Landing (end of road) | Janet Crawford | Tony Klock | 6 | 1 | 7 | 7 | | | 0 | | | | 2 | 1 | 3 | 2 | 3 | | |
| | 9. Ragged Island (end of Ragged Island Road at PSE&G Bayside Tract, north of the mouth of the Cohansey River) | Don Freiday | Beth Ciuzio | 8 | 2 | 10 | 1 | | | 0 | | | | 8 | | 8 | 2 | 4 | | |
| **Salem County** | | | | | | 0 | | | | 0 | | | | | | 0 | | | | |
| | 10. Money Island Road (tower at PSE&G Alloway Creek Watershed Site) | Ginny Steelman | Ray Steelman | 11 | | 11 | 6 | | | 0 | 1 | | | 3 | | 3 | | 1 | | |
| | 11. Wheaton Island Road | Jack Mahon | | 5 | 2 | 7 | 3 | | | | | | | 4 | | 4 | 1 | 2 | | |
| | 12. Mad Horse Creek | Jeff White | Kathy White | 6 | 2 | 8 | 3 | | | | | | 1 | | | 1 | | 2 | | |
| | 13. Mannington - East Pittfield Street | Bob Kegel | Linda Kegel | 6 | 2 | 8 | 1 | | | | 1 | | 1 | 6 | 1 | 8 | | | | |
| **Atlantic County** | | | | | | 0 | | | | 0 | | | | | | 0 | | | | |
| | 14. Mott's Creek | Karen Johnson | Brian Johnson | 6 | | 6 | 2 | | 1 | 1 | | | 1 | 2 | | 3 | 2 | | | |
| | 15. Forsythe NWR (tower on south dike) | Angela Walters | Joe Delasantro | 6 | | 6 | | | | 0 | | 2 | | | | 0 | | | total all species | |
| | | | **totals** | **121** | **14** | **135** | **32** | **0** | **1** | **1** | **3** | **6** | **3** | **34** | **2** | **39** | **16** | **23** | **255** | |

| | Northern Harrier | | | Red-tailed | Rough-legged Hawk | | | Cooper's | Peregrine | Bald Eagle | | | | Short-eared | Great-horned | All |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | female/imm. | ad. male | total | **Hawk** | light | dark | total | **Hawk** | **Falcon** | **imm.** | **adult** | **unk** | **total** | **Owl** | **Owl*** | **Species** |
| **2010 avg per site** | **8.07** | **0.93** | **9.00** | **2.13** | **0.00** | **0.07** | **0.07** | **0.20** | **0.40** | **0.20** | **2.27** | | **2.60** | **1.07** | **1.53** | **17.00** |
| **2009 avg per site*** | **7.27** | **0.91** | **8.18** | **1.36** | **0.09** | **0.18** | **0.27** | **n/a** | **n/a** | **0.27** | **1.36** | **n/a** | **1.64** | **1.55** | **1.55** | **14.55** |
| **percent change (negative indicates a decrease)*** | **11.0%** | **2.6%** | **10.0%** | **56.9%** | **-100.0%** | **-63.0%** | **-75.3%** | | | **-25.9%** | **66.7%** | | **58.5%** | **-31.2%** | **-1.1%** | **16.8%** |

*** 2009 not directly comparable with 2010; survey began 30 minutes earlier in 2010 and 4 sites were added in 2010. Survey methodology is now standardized for future years.**

*One year's data means little in terms of long term trends.

*For species with low counts, it will be difficult or impossible to show statistically significant trends.