

# Bird Tracker

A project of Bird Studies Canada

Satellite telemetry is becoming an increasingly popular method of tracking bird species to address important biological questions. Although the ARGOS location information arrives directly to the researcher's computer, it is often onerous to decipher, manage and ultimately view. As a result, researchers often have trouble keeping up with the satellite telemetry data, and get frustrated with manually copying information into spreadsheets so that it may be mapped. To streamline the data-to-map process, Bird Studies Canada has developed **Bird Tracker** software.

## Conservation Science Applications

Bird Studies Canada (BSC) is using satellite telemetry to track the movements of several species of conservation concern, including Bald Eagles, Lesser Scaup and Greater Scaup. We have developed an innovative system for managing and visualizing this information by linking interactive web-mapping interfaces to live databases. This approach allows our scientists to spend less time grappling with satellite data, and more time analyzing and putting them to work for conservation. BSC uses satellite locations to answer a variety of research questions, e.g., to understand better where birds may be exposed to threats, such as contaminants; and to gather basic information on movement patterns. Our customized web-mapping interface also acts as an effective communication, education, and outreach tool, and has been featured as part of ESRI Canada's K-12 Program.

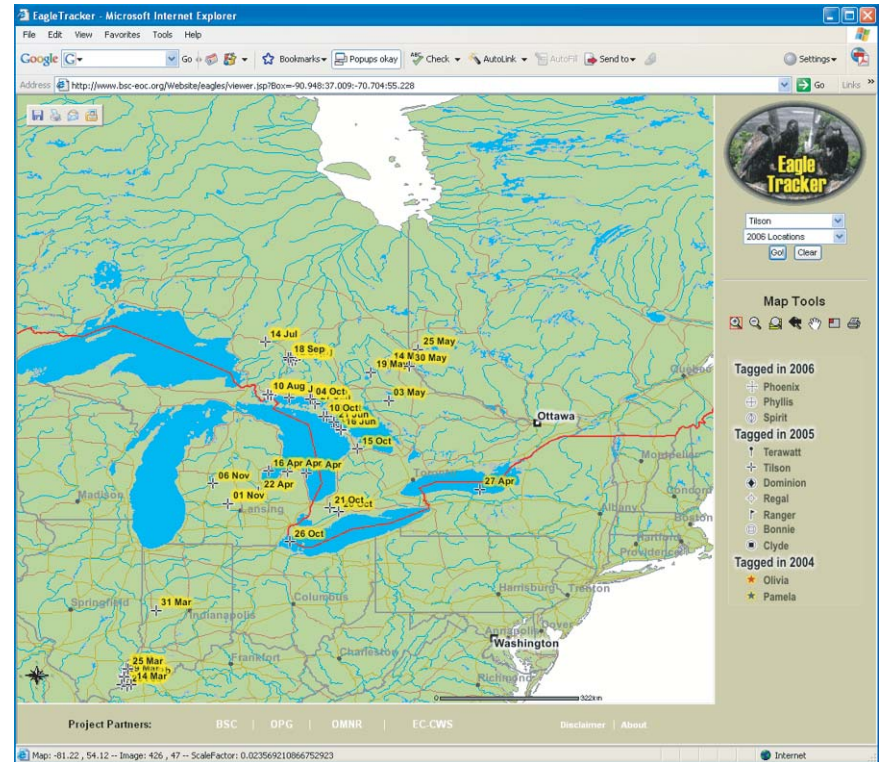
BSC can host and map satellite locations for any bird, anywhere in the world.

### Contact us for details and pricing:

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To see some examples of our work, visit <http://www.bsc-eoc.org> and look for the links to Eagle Tracker or Scaup Tracker.



## Features

- Easy data entry - our unique parsing script eliminates the need for painstaking, manual data entry. Simply paste your ARGOS data directly from your email into a web screen and press a button. Data are then parsed and uploaded to a database.
- Instant results - once your email is parsed and entered into the database, your birds' locations are viewable immediately within a real-time web-mapping application.
- Customizable interface - your results can be presented within a web portal that has its own look, complete with partner logos and acknowledgements.
- Data backup - our servers are regularly backed-up to ensure that your data will never be lost from a system crash or forgotten on an obsolete computer in a dusty basement.
- Access - secure access to your data at any time for off-line applications and analysis.