



**USFWS & USGS Research Program
Volunteer Radar Technician**
Ottawa National Wildlife Refuge
14000 W. State Route 2, Oak Harbor, OH 43449
<http://www.fws.gov/midwest/ottawa>



The U.S. Fish and Wildlife Service, in partnership with The U.S. Geological Survey, has an exciting spring volunteer opportunity. Ottawa National Wildlife Refuge (NWR) is located along the western coast of Lake Erie and comprises over 10,000 acres of unique habitats such as coastal wetlands, estuary, forest, and uplands. Ottawa NWR conserves, protects, and enhances critical habitats for both native plants and wildlife. The volunteer program involves operating marine radars in various locations on or near Ottawa NWR for a study of night time bird movement patterns during spring migration. Ottawa NWR is a major stopover in both the Atlantic and Mississippi flyways for the spring and fall migration of songbirds, shorebirds, and waterfowl. The radars capture the movements of these migratory birds for an ongoing USGS study involving the numbers, timing, and directions of the movements as related to other factors. If you are interested in birding and migration patterns, this is an excellent opportunity to gain experience using radar, become familiar with migration patterns, and work with two leading federal agencies.

Responsibilities include, but are not limited to the following: The volunteer will drive the radar truck to a preselected location. Work entails positioning the radar truck (radar is in the bed of a truck), leveling and setting up the radar, using a computer to collect the radar data, switching antennas as per a study protocol, securing the radar and equipment at the end of the radar session, and traveling to the designated place on Ottawa NWR where the radar trucks are housed. Technicians must be able to work independently after an initial training period, but will report to a field supervisor at Ottawa NWR. This work is done at night for a period of approximately 10.5 to 12 hours (depending on travel to study sites, set up/take down time, and time of sunset/sunrise) with a rest period in the middle of the night.

Required Skills: The candidate should have an academic background or experience in wildlife management, ecology, or environmental sciences. The candidate must be willing to stay in the radar truck overnight to monitor the weather, computer, and radar unit. Must be able to work independently. Experience using marine radar preferred but not necessary. Ability to troubleshoot technical difficulties strongly desired. Must be available to work 2-3 nights per week for up to 12 hours per night for the entire study period. The candidate must also have a valid driver's license. U.S. citizenship is required.

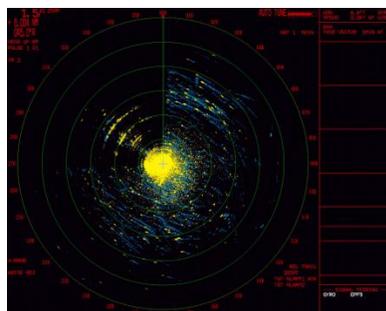
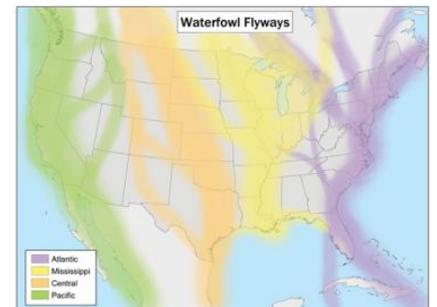
When: Anticipated dates from April 15 – May 31, 2-3 nights/week.

Where: Ottawa National Wildlife Refuge, Oak Harbor, Ohio.

Stipend: \$25/night.

Hours: From approximately one hour before sunset to one hour after sunrise.

How to Apply: E-mail resume to joanna_kauffman@fws.gov.



For more information e-mail:
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