

Golden-cheeked Warbler (GCWA)

Bird Survey Area(s)

Data Reporting Instructions

Dataset Purpose: The purpose of this dataset is to illustrate the extent of any areas surveyed for GCWA (even if not surveyed according to protocol) and to report information about each survey (for example, date, time, weather, etc.).

Instructions: The following information should be used for creating a polygon shapefile¹ or an Excel spreadsheet (for those that do not have GIS). If submitting a spreadsheet: 1) also submit a map(s) clearly illustrating the exact location of the surveyed area(s) within the context of the surrounding landscape so we can relocate them on a USGS topo, aerial photo, or street map, and 2) clearly delineate the boundaries of the surveyed area(s) so we can digitize them fairly accurately.

The information in parentheses defines field types and field sizes for the attributes of a shapefile. Each of the bolded phrases is a column header which should be submitted in either the attribute table for the shapefile or in a standalone spreadsheet (see example spreadsheet) with an associated map (for those that do not have GIS). Note: If submitting a shapefile, the polygon representing each area surveyed should be duplicated once for each day that it was surveyed and the information corresponding to that day's survey should be input into the attribute table row corresponding to that polygon.

1. **Prop_Name** (Type = Text; Length = 50): Name of property or portion of property where the survey was conducted. If this survey represents less than the total area assessed for potential habitat, you must also submit a "Golden-cheeked Warbler Habitat Assessment Area" shapefile or map/Excel spreadsheet.
2. **Surv_Name** (Type = Text; Length = 50): Name of area surveyed (if less than the whole area described in #1 above). If data is submitted as an Excel spreadsheet, then include a map that clearly shows the boundary(s) of the area(s) surveyed within the property or site polygon. Each surveyed area should be labeled on the map and should correspond with an identically labeled row (or rows if surveyed on more than one day) in the Excel spreadsheet.
3. **Surv_Acres** (Type = Double): Size of surveyed area in acres.
4. **Comp_Name** (Type = Text; Length = 50): Name of company/organization or individual responsible for conducting the surveys.
5. **Surv_Date** (Type = Double): Date of survey. Entries should be formatted as YYYYMMDD.
6. **Surv_Type** (Type = Text; Length = 25): Describe the type of survey conducted. Entries should only include [Protocol, Non-protocol].

¹ All GIS files should be in NAD 83, latitude/longitude (decimal degrees).

7. **Type_Notes** (Type = Text; Length = 50): Briefly describe the type of survey conducted if you used “Non-protocol” in the Surv_Type column. This is only intended to be a brief description; a complete description of any non-FWS protocol survey conducted should be included in the annual report that references this survey.
8. **Begin_Time** (Type = Double): Report the time the survey began using military time.
9. **End_Time** (Type = Double): Report the time the survey ended using military time.
10. **Tapes** (Type = Text; Length = 3): Report whether tapes were used or not. Entries should only include [Yes, No].
11. **Birds** (Type = Text; Length = 3): Report whether birds were observed in the surveyed area during the survey period described above. Entries should only include [Yes, No].
12. **Species** (Type = Text; Length 5): Bird species observed during the survey. Entries should be limited to [GCWA or None].
13. **Spec_Surv** (Type = Text; Length 5): Bird species for which you were conducting surveys. Entries should be limited to [GCWA].
14. **WndSpd_Max** (Type = Double): Maximum observed windspeed during survey described above.
15. **WndSpd_Min** (Type = Double): Minimum observed windspeed during survey described above.
16. **Precip** (Type = Text; Length = 50): Briefly describe any precipitation encountered during survey.
17. **Begin_Temp** (Type = Double): Report temperature at beginning of survey in degrees Fahrenheit.
18. **End_Temp** (Type = Double): Report temperature at end of survey in degrees Fahrenheit.