

# ENVIRONMENTAL ASSESSMENT

For

## Northwest Arkansas National Airport XNA Solar Facility



Committed to the future of rural communities.

Dated: August 2024



Phone:  
417-888-0645

1550 E. Republic Road  
Springfield, MO 65804

Fax:  
417-888-0657

**TODAY’S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**Table of Contents**

Table of Contents .....	1
List of Appendices .....	3
List of Acronyms and Abbreviations .....	4
1.0    PROJECT PURPOSE AND NEED .....	5
1.1    PROJECT DESCRIPTION .....	5
1.1.2 AGENCY AND PROGRAM OBJECTIVES .....	6
1.2    PURPOSE AND NEED .....	6
2.0    ALTERNATIVES EVALUATED INCLUDING THE PROPOSED ACTION .....	7
2.1    PROPOSED ACTION .....	7
2.2    OTHER ALTERNATIVES EVALUATED .....	7
2.3    NO ACTION ALTERNATIVE .....	8
3.0    AFFECTED ENVIRONMENT AND ENVIRONMENTAL CONSEQUENCES .....	8
3.1    LAND USE .....	8
3.1.1    GENERAL LAND USE .....	8
3.1.2    IMPORTANT FARMLAND .....	9
3.1.3    FORMALLY CLASSIFIED LANDS .....	10
3.2    FLOODPLAINS .....	11
3.2.1    AFFECTED ENVIRONMENT .....	11
3.2.2    ENVIRONMENTAL CONSEQUENCES .....	11
3.2.3    MITIGATION .....	11
3.3    WETLANDS .....	11
3.3.1    AFFECTED ENVIRONMENT .....	11
3.3.2    ENVIRONMENTAL CONSEQUENCES .....	11
3.3.3    MITIGATION .....	12
3.4    WATER RESOURCES .....	12
3.4.1    WATER QUANTITY .....	12
3.4.2    WATER QUALITY .....	13
3.5    COASTAL RESOURCES .....	14
3.5.1    COASTAL ZONE MANAGEMENT ACT .....	14

**TODAY’S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

3.5.2	COASTAL BARRIER RESOURCES ACT .....	14
3.6	BIOLOGICAL RESOURCES .....	15
3.6.1	GENERAL FISH, WILDLIFE, AND VEGETATION .....	15
3.6.2	LISTED THREATENED AND ENDANGERED SPECIES .....	15
3.6.3	MIGRATORY BIRD TREATY ACT .....	21
3.6.4	BALD AND GOLDEN EAGLE PROTECTION ACT .....	21
3.6.5	INVASIVE SPECIES .....	22
3.7	CULTURAL RESOURCES AND HISTORIC PROPERTIES .....	23
3.7.1	AFFECTED ENVIRONMENT .....	23
3.7.2	ENVIRONMENTAL CONSEQUENCES .....	23
3.7.3	MITIGATION .....	23
3.8	AESTHETICS .....	24
3.8.1	AFFECTED ENVIRONMENT .....	24
3.8.2	ENVIRONMENTAL CONSEQUENCES .....	24
3.8.3	MITIGATION .....	24
3.9	AIR QUALITY .....	24
3.9.1	AFFECTED ENVIRONMENT .....	24
3.9.2	ENVIRONMENTAL CONSEQUENCES .....	24
3.9.3	MITIGATION .....	25
3.10	SOCIO-ECONOMIC & ENVIRONMENTAL JUSTICE .....	25
3.10.1	AFFECTED ENVIRONMENT .....	25
3.10.2	ENVIRONMENTAL CONSEQUENCES .....	26
3.10.3	MITIGATION .....	26
3.11	MISCELLANEOUS ISSUES .....	27
3.11.1	NOISE .....	27
3.11.2	TRANSPORTATION .....	28
3.12	HUMAN HEALTH AND SAFETY .....	28
3.12.1	ELECTROMAGNETIC FIELDS AND INTERFERENCE .....	28
3.12.2	ENVIRONMENTAL RISK MANAGEMENT .....	29
3.13	CORRIDOR ANALYSIS .....	30
3.13.1	AFFECTED ENVIRONMENT .....	30

**TODAY’S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

3.13.2 ENVIRONMENTAL CONSEQUENCES .....	30
3.13.3 MITIGATION.....	30
4.0 CUMULATIVE EFFECTS .....	31
4.1 SUMMARY OF ENVIRONMENTAL EFFECTS.....	31
4.2 CUMULATIVE EFFECTS.....	34
5.0 SUMMARY OF MITIGATION.....	37
6.0 COORDINATION, CONSULTATION, AND CORRESPONDENCE .....	38
7.0 REFERENCES .....	39
8.0 LIST OF PREPARERS.....	40

**List of Appendices**

<b>Appendix A</b>	Project Location Map
<b>Appendix B</b>	Important Farmland
<b>Appendix C</b>	Formally Classified Lands
<b>Appendix D</b>	Floodplains
<b>Appendix E</b>	Wetlands
<b>Appendix F</b>	Threatened and Endangered Species & Migratory Birds
<b>Appendix G</b>	Socio-Economic & Environmental
<b>Appendix H</b>	Airport Proximity
<b>Appendix I</b>	Electromagnetic Feilds

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**List of Acronyms and Abbreviations**

APE	Area of Potential Effect
AHPP	Arkansas Historic Preservation Program
BMPs	Best Management Practices
CFR	Code of Federal Regulations
CO <sub>2</sub>	Carbon Dioxide
DC	Direct Current
EPA	Environmental Protection Agency
EA	Environmental Assessment
EMF	Electromagnetic Fields and Interference
EPA	Environmental Protection Agency
ESA	Endangered Species Act
GHG	Green House Gases
FCL	Formally Classified Lands
FEMA	Federal Emergency Management Agency
FPPA	Farmland Protection Policy Act
FONSI	Finding of No Significant Impact
IPaC	Information for Planning and Consultation
MA	May Affect (IPaC determination)
NEPA	National Environmental Policy Act
NLAA	Not likely to Adversely Affect (IPaC determination)
NOA	Notice of Availability
NOI	Notice of Intent
NRCS	Natural Resources Conservation Service
NWI	National Wetlands Inventory
PAD-US	Protected Lands Database of the U.S.
PV	Photovoltaic
RAIL	Rapid Avian Information Locator
RCRA	Resource Conservation and Recovery Act
RD	Rural Development
RUS	Rural Utilities Service
SHPO	State Historic Preservation Office
SSA	Sole Source Aquifer
THPO	Tribal Historic Preservation Office
TPI	Today's Power, Inc.
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
XNA	Northwest Arkansas National Airport

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### **1.0 PROJECT PURPOSE AND NEED**

#### **1.1 PROJECT DESCRIPTION**

Today's Power, Inc. (TPI) is a wholly owned subsidiary of Arkansas Electric Cooperatives, Inc. a North Little Rock-based utility service cooperative owned by 17 Arkansas electric distribution cooperatives. TPI partners with electric utilities across the Midwest to serve their members clean, renewable energy. TPI, in partnership with Northwest Arkansas National Airport (XNA), proposes to install a new, 17.5-acre solar facility, known as the XNA Solar Facility near the city of Highfill, Arkansas in Benton County at the intersection of E 1<sup>st</sup> Avenue (Highway 264) and NE Pinalto Road, as shown on the enclosed map, which can be found in Appendix A.

This proposed 3.0 MWAC solar facility will be located on the 17.5-acre rural tracts of land that were disturbed by the lessor prior to leasing. The current site location is an open field that would avoid any known floodplains, wetlands, or streams, and will require minimal grading. The disturbance of land will be limited to the approximately 17.5-acre privately owned land during construction.

The construction phase of the Project, which includes grading, will be planned, and designed to minimize the use of mechanized grading and fill materials procured off-site. Controls, such as silt fences and stabilization will be used during and after construction as needed to minimize indirect adverse environmental effects.

The XNA Solar Facility will be designed and constructed to comply with all applicable city, county, and state ordinances, laws, regulations, and standards.

After construction, the proposed Project would be in operation seven days per week during conditions of adequate sunlight. Anticipated activities to support and maintain operations would consist of visits to inspect, monitor, and report the system operations and site conditions, as well as to repair or replace any equipment as necessary. These visits would total less than one average daily trip over the life of the Project. The Project will be fenced to prevent unauthorized access to protect both the Project and public safety. Any necessary fencing, connections, and access drives for the Project will take place within the Project area. An exhibit showing the proposed solar facility's location is provided in Appendix A.

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### **1.1.2 AGENCY AND PROGRAM OBJECTIVES**

RUS's action is the decision to provide financing assistance for the Proposed Action through the Electric Infrastructure Loan & Loan Guarantee Program. Under the Rural Electrification Act of 1936, as amended, the Secretary of Agriculture is authorized and empowered to make loans to nonprofit cooperatives and others for rural electrification for the purpose of financing the construction and operation of generating plants, electric transmission and distribution lines, or systems for the furnishing and improving of electric service to persons in rural areas (7 U.S. Code [U.S.C.] § 904). A primary function or mission of RUS is to carry out the electric loan program (7 U.S.C. 6942). Under the Powering Affordable Clean Energy (PACE) program, RUS is authorized to forgive up to 60 percent of loans for renewable energy projects that use wind, solar, hydropower, geothermal, or biomass, as well as for renewable energy storage projects.

USDA, Rural Development is a mission area that includes three federal agencies – Rural Business-Cooperative Service, Rural Housing Service, and Rural Utilities Service. The agencies have in excess of 50 programs that provide financial assistance and a variety of technical and educational assistance to eligible rural and tribal populations, eligible communities, individuals, cooperatives, and other entities with a goal of improving the quality of life, sustainability, infrastructure, economic opportunity, development, and security in rural America. Financial assistance can include direct loans, guaranteed loans, and grants in order to accomplish program objectives.

This Environmental Assessment (EA) was prepared in accordance with Title 7 of the Code of Federal Regulations (CFR) Part 3100 (7 CFR 3100), which prescribes the policies and procedures of the USDA for implementing the National Environmental Policy Act (NEPA) of 1969, as amended, 7 CFR 1970 which provides environmental policies and procedures for the Rural Utilities Service (RUS), the regulations of the Council on Environmental Quality, 40 CFR 1500-1508, and the USDA Rural Development guidance document 1970-C which serves as a guide for preparing EAs under NEPA.

#### **1.2 PURPOSE AND NEED**

The purpose of the project is to provide a clean and renewable energy source to the existing electrical grid in the area. Today's Power, Inc. (TPI) is partnering with the Northwest Arkansas National Airport (XNA) for this project. The project will improve the reliability and capacity of the local power system with renewable energy generation.

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

## **2.0 ALTERNATIVES EVALUATED INCLUDING THE PROPOSED ACTION**

### **2.1 PROPOSED ACTION**

The Project proposes to construct a 17.5-acre, 3.0-megawatt solar electric array located on land disturbed prior to leasing. The solar array is located near the city of Highfill, Arkansas in Benton County near the intersection of E 1<sup>st</sup> Ave and NE Pianalto Rd., as shown on the enclosed map, which can be found in Appendix A.

The Project has been sited on private property currently owned by XNA to avoid floodplains, wetlands, and streams, and to minimize the need for grading.

The Project's construction phase, including grading, will be planned to minimize the use of mechanized grading and off-site fill materials. Appropriate measures such as silt fences will be implemented during and after construction as necessary to diminish any indirect adverse environmental effects.

### **2.2 OTHER ALTERNATIVES EVALUATED**

TPI considered the potential sites in the area in terms of those that they own or could lease, those that would avoid floodplains, wetlands, and streams, and those that would require a minimal need for clearing and grading. The site was chosen as it minimizes all potential negative social and environmental impacts and is currently owned by XNA.

Alternative energy production methods were also considered.

Wind: Electricity generation using wind energy is typically most effective at a much larger scale. A large majority of wind farms across the country generate 50 MW or greater and are located on tracts of land that are 100 acres or greater. Wind energy is most effective in areas where wind speeds are more consistently high such as areas of the great plains ranging from Texas to North Dakota. This proposed project location does not have consistently high enough wind speeds for wind electricity generation to be an effective alternative. Further, wind generation involves greater environmental impact than solar due to the requirement for the construction of access roads to the turbines as well as additional impacts on bird species which can be killed in collisions with turbine blades. Additionally, due to proximity to XNA airport, installation of excessively tall wind turbines is not possible. Thus, generation using wind turbines is not further considered in this report.

Geothermal: The geographic location of the site does not make it the most viable location for building a Geothermal Plant. Geothermal is most viable in the western United States in areas where the natural temperature of the earth is greater than 200°C. Arkansas as a whole resides between 100°C and 200°C. Thus, geothermal electricity generation is not further considered in this report.



## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

Coal and Natural Gas: Coal or natural gas electricity generation methods would not achieve the purpose of this site, namely reducing the area's reliance on fossil fuel energy sources. Thus, coal and natural gas-fired electricity generation is not further considered in this report.

## **2.3 NO ACTION ALTERNATIVE**

The 'no action alternative' (NAA) results in no new XNA Solar Facility being built. The purpose of this Project is to provide a clean and renewable energy source to the existing electrical grid in the area. The 'no action alternative' would not provide additional power to the area, nor provide the environmental benefits of clean, renewable energy.

## **3.0 AFFECTED ENVIRONMENT AND ENVIRONMENTAL CONSEQUENCES**

### **3.1 LAND USE**

#### **3.1.1 GENERAL LAND USE**

Current land use for the Project consists of undeveloped industrial areas on privately owned land. No development plans are known to exist for the area and XNA currently owns the property upon which the solar array is to be constructed.

##### **3.1.1.1 AFFECTED ENVIRONMENT**

The site is located on mostly open land with no structures (other than an existing fence which will be removed) and few trees. Prior to XNA's acquiring of it, the land was used for agriculture. The proposed Project will be located on rural tracts of land near the city of Highfill in Benton County, Arkansas north of the intersection of E 1st Avenue and NE Pianalto Street.

##### **3.1.1.2 ENVIRONMENTAL CONSEQUENCES**

###### No Action Alternative

The NAA would leave the area more reliant on fossil fuels which would result in the emission of GHGs.

###### Proposed Action

As there are no known development plans for the area, the land is currently owned by XNA. The proposed action is not anticipated to have any negative impacts to land use.

##### **3.1.1.3 MITIGATION**

Land use is compliant with local zoning regulations and will not need to be rezoned.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.1.2 IMPORTANT FARMLAND**

**3.1.2.1 AFFECTED ENVIRONMENT**

As mentioned previously, the site is located on mostly open land with no structures (other than an existing fence which will be removed) and few trees. Prior to XNA's acquiring of it, the land was used for agriculture. The proposed Project will be located on rural tracts of land near the city of Highfill in Benton County, Arkansas north of the intersection of E 1<sup>st</sup> Avenue and NE Pianalto Street. According to the Arkansas NRCS office, "This activity will not affect Prime Farmland or farmland of Statewide Importance." All correspondence with the NRCS regarding impacts to important farmland can be found in Appendix B.

**3.1.2.2 ENVIRONMENT CONSEQUENCES**

No Action Alternative

The NAA would result in the solar facility not being constructed on the land. The site would continue in its present state and use until it is repurposed for other purposes for the airport.

Proposed Action

Proposed Project location and description as well as applicable AD-1006 forms were forwarded to the U.S. Department of Agriculture – Natural Resources Conservation Service (NRCS) on February 26, 2024, regarding the impact on important farmland for the Project. The completed form resulted in a score of 0 and was precluded from the conversion of important farmland for non-agricultural uses. As the score for the proposed site was less than 160, according to the completed AD-1006 form no alternative actions needed to be considered to reduce potential adverse impacts to the environment per NRCS. Copies of NRCS correspondence completed forms, and the NRCS farmland map can be found in Appendix B.

**3.1.2.3 MITIGATION**

No mitigation measures are warranted

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.1.3 FORMALLY CLASSIFIED LANDS**

**3.1.3.1 AFFECTED ENVIRONMENT**

The National Map provided by the USGS [11] as well as the EPA-provided NEPAAssist tool [2] were referenced for any known Formally Classified Lands. The maps may be found in Appendix C. There are no known: National Parks and Monuments; National Forests and Grasslands; National Historic Landmarks; National Battlefield and Military Parks; National Historic Sites and Historical Parks; National Natural Landmarks; National Wildlife Refuges; National seashores, lake shores, and trails; Wilderness areas; Wild, scenic, and recreational rivers; State parks; State fish and wildlife management areas; Bureau of Land Management (BLM) administered lands; or Areas of State and Local Interest located in the Project Area.

**3.1.3.2 ENVIRONMENTAL CONSEQUENCES**

No-Action Alternative

If no action is taken, there will be no changes to the current agricultural or land use on the proposed project site. The site will continue in its present state and use until it is repurposed for some form of expansion for the Northwest Arkansas National Airport (XNA).

Proposed Action

If the proposed action is taken, the project would result in a shift from the site's current undeveloped state to renewable energy production. There are no protected or FCLs occurring adjacent to or in the immediate vicinity of the proposed site that would be impacted on the Proposed Action, so there are no anticipated impacts to FCLs.

The site and APE are located on land that is owned by XNA. According to the National Map and NEPAAssist tool [2], there are no known FCLs as defined above located in the Project APE. Therefore, no impact on any Formally Classified Lands is anticipated as a result of the Project.

**3.1.3.3 MITIGATION**

No mitigation is warranted because the proposed land use is consistent with current local zoning.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.2 FLOODPLAINS**

**3.2.1 AFFECTED ENVIRONMENT**

The site is in flood zone X and is outside the 500-year flood area. The site is located on land outside of existing floodplains. The avoidance of floodplains was one of the initial criteria for site selection.

A project area map adapted from the Federal Emergency Management Agency's (FEMA) website ([msc.fema.gov](http://msc.fema.gov)) is attached in Appendix D [3].

Per FEMA NFIP FIRM 05007C0245K, effective date 6/5/2012, and FEMA NFIP FIRM 05007C0240J, effective date 9/28/2007 the proposed project is not within a FEMA-delineated floodplain [3].

The FEMA floodplain map [3] for the surrounding area is indicated on the attached map, which can be found in Appendix D.

**3.2.2 ENVIRONMENTAL CONSEQUENCES**

Based upon all available data for this Project, no floodplain is located in the area, and no environmental impact is anticipated to any floodplain as a result of this Project.

**3.2.3 MITIGATION**

No mitigation is warranted.

**3.3 WETLANDS**

**3.3.1 AFFECTED ENVIRONMENT**

A map of all NWI wetlands [10] in the area surrounding the project site is located in Appendix E. The NWI does not indicate the presence of wetlands within the project area. There is a small creek that runs along Pianalto Road that approaches the southeast boundary of the Project site. The avoidance of wetlands was one of the initial criteria for site selection.

**3.3.2 ENVIRONMENTAL CONSEQUENCES**

No Action Alternative

The NAA does not apply as there is no impact on wetlands.

Proposed Action

There are no wetlands in the APE for the Project. The construction of the Project will involve controls and best management practices to control any discharge from the site. The proposed action will not affect the small creek that approaches the southern boundary of the site. There is no anticipated impact to any wetlands because of this Project.

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### **3.3.3 MITIGATION**

No mitigation is warranted.

### **3.4 WATER RESOURCES**

#### **AFFECTED ENVIRONMENT**

According to the EPA's Sole Source Aquifer online data-viewer, the proposed Project is not located within the limits of a Sole Source Aquifer. The proposed Project is not within a known well-head or watershed protection area. The nearest body of water to the proposed Project is Lake Elmdale located approximately 7 miles to the southeast of the Project. Other small ponds and creeks may also be found throughout the area surrounding the Project site.

#### **ENVIRONMENTAL CONSEQUENCES**

##### **No-Action Alternative**

If the NAA route is taken, the existing land and associated pervious cover would remain; therefore, the amount of runoff would not increase, and groundwater infiltration would remain the same, and the potential for erosion due to disturbed soil would not be present. No impacts to groundwater or surface water resources are anticipated.

##### **Proposed Action**

All necessary permits will be in place prior to construction. Controls, such as silt fences, stabilization, and other Best Management Practices (BMPs) will be implemented as a requirement of the Land Disturbance Permit during and after construction as needed to minimize any potential indirect adverse environmental effects to water quality. During construction activities, routine inspections will also take place to ensure that these controls are implemented correctly. As there are no wetlands or bodies of water within the Project site, and BMPs will be implemented to avoid contamination of any creeks or ponds nearby, no impact to water resources in the area is anticipated as a result of this project.

#### **3.4.1 WATER QUANTITY**

##### **3.4.1.1 AFFECTED ENVIRONMENT**

As the solar panels will discharge directly to a pervious surface and the Project will not result in any new effluent discharge, stormwater quality is not anticipated to be affected by the Project. Furthermore, the proposed Project is not within the limits of a known well-head or watershed. The project is not within the drainage area of any SSA. The nearest SSA, the Arbuckle- Simpson Sole Source Aquifer, is approximately 175 miles away.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.4.1.2 ENVIRONMENTAL CONSEQUENCES**

No Action Alternative

The NAA would result in no additional impact of any kind on water resources.

Proposed Action

The project is not within the limits of a Sole Source Aquifer. As mentioned above, the Project will also not result in any new effluent discharge, and BMPs will be used during construction. With the solar array being placed in a grassy field, there is minimal need for filling or leveling. The solar array does not require excessive ground disturbance such as large concrete foundations for the solar panels. Thus, stormwater flow should remain largely unchanged. No effects or impacts to water resources are anticipated as a result of the proposed Project.

**3.4.1.3 MITIGATION**

The necessary BMPs will be implemented by the contractor during construction to mitigate any sediment discharge.

**3.4.2 WATER QUALITY**

**3.4.2.1 AFFECTED ENVIRONMENT**

The project is not within the limits of a Sole Source Aquifer. As mentioned above, the Project will also not result in any new effluent discharge, BMPs will be used during construction, and stormwater quality is not anticipated to be affected by the Project.

**3.4.2.2 ENVIRONMENTAL CONSEQUENCES**

No Action Alternative

The NAA would result in no additional impact of any kind on water quantity.

Proposed Action

As mentioned previously, BMPs will be implemented during construction to limit impacts on water flow during construction. The proposed facility will not generate any new effluent discharge. Thus, no impacts on water quantity are anticipated as a result of the proposed action. No effects or impacts on water resources are anticipated as a result of the proposed Project.

**3.4.2.3 MITIGATION**

The necessary BMPs will be implemented by the contractor during construction to mitigate any sediment discharge.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.5 COASTAL RESOURCES**

**3.5.1 COASTAL ZONE MANAGEMENT ACT**

**3.5.1.1 AFFECTED ENVIRONMENT**

There are no coastal areas or protected aquatic habitats in the region.

**3.5.1.2 ENVIRONMENTAL CONSEQUENCES**

As there are no coastal areas or protected aquatic habitats in the region, no impact to those areas is anticipated by the Project.

**3.5.1.3 MITIGATION**

No mitigation measures are warranted.

**3.5.2 COASTAL BARRIER RESOURCES ACT**

**3.5.2.1 AFFECTED ENVIRONMENT**

Arkansas is not a state delineated as being a coastal barrier state by either the Coastal Barrier Resources Act or the Coastal Zone Management Act of 1972.

**3.5.2.2 ENVIRONMENTAL CONSEQUENCES**

No effect on coastal areas.

**3.5.2.3 MITIGATION**

No mitigation measures are warranted.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.6 BIOLOGICAL RESOURCES**

**3.6.1 GENERAL FISH, WILDLIFE, AND VEGETATION**

**3.6.1.1 AFFECTED ENVIRONMENT**

The proposed Project is located near the city of Highfill, Arkansas in Benton County at the intersection of E 1<sup>st</sup> Avenue and NE Pianalto Road. The construction phase of the Project, which includes grading, will be planned and designed to minimize the potential need for mechanized grading and fill materials procured off-site. At present, the proposed Project site contains minimal wildlife or vegetative life beyond the grass in the field.

**3.6.1.2 ENVIRONMENTAL CONSEQUENCES**

No Action Alternative

The NAA would result in no additional impact on any kind of fish, wildlife, or vegetation.

Proposed Action

There are no surface waters within the Project limits providing no suitable habitat for fish, and BMPs and controls will be used to prevent any offsite impacts to the environment. The previously cleared land that will be converted to a solar facility also currently provides little suitable habitat for native vegetation or wildlife on the Project site. Commonly found rodents, such as rats, mice, moles, squirrels, and groundhogs, which live in grassy fields, may be affected. However, these species are common, and the minor disturbance to them resulting from the proposed action in no way constitutes a significant impact to the biodiversity of the region. No effects on fish or vegetation are anticipated as a result of this Project.

**3.6.1.3 MITIGATION**

No mitigation measures are warranted.

**3.6.2 LISTED THREATENED AND ENDANGERED SPECIES**

**3.6.2.1 AFFECTED ENVIRONMENT**

TPI utilized the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) [9] website on February 26<sup>th</sup>, 2024. According to the website, there are thirteen endangered species that may be present in the APE of the proposed Project: the Gray Bat, the Indiana Bat, the Northern Long-eared Bat, the Ozark Big-eared Bat, the Tricolored Bat, the Eastern Black Rail, Piping Plover, the Rufa Red Knot, the Alligator Snapping Turtle, the Ozark Cavefish, the Monarch Butterfly, the Benton County Cave Crayfish, and the Missouri Bladderpod. The official IPaC species list is provided in Appendix F [9].



**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.6.2.2 ENVIRONMENTAL CONSEQUENCES**

No-Action Alternative

Under the no-action alternative, the proposed project site would remain in its current condition and there would be no impact to biological resources

Proposed Action

PROPOSED ACTION DETERMINATIONS			
SPECIES	PROTECTION STATUS	HABITAT DESCRIPTION	HABITAT PRESENT
<b>MAMMALS</b>			
<b>Gray Bat</b>	Endangered	The Gray Bat prefers to live in caves or cave-like structures year-round.	<p>No suitable habitat is present within the project boundary for the Gray Bat. There are no structures and no caves within the extent of the project.</p> <p>The IPaC-provided Determination Key determined that the undertaking is not likely to adversely affect the Gray Bat [9].</p>
<b>Indiana Bat</b>	Endangered	The Indiana Bat prefers habitats that consist of partially open to closed forested habitats with open understory, forest edges, and riparian areas.	<p>Little to no suitable habitat is present within the project boundary for the Indiana Bat. There are few trees in the Project Area.</p> <p>The IPaC provided Determination Key determined that the undertaking may affect the Indiana Bat. Email consultation with USFWS Arkansas Ecological Services Field Office resulted in final determination of "May Affect; Not Likely to Adversely Affect" due to small project scope and negative bat surveys in the area. (MA; NLAA) [9].</p>

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

SPECIES	PROTECTED STATUS	PREFERED HABITAT	HABITAT PRESENT
<b>MAMMALS (CONTINUED)</b>			
<b>Northern Long-eared Bat (NLEB)</b>	Endangered	The NLEB prefers trees with cavities that tend to retain their bark. They can be found under bark or in cavities singly or in groups. Males and non-reproductive females tend to roost in cooler places such as caves and mines. The NLEB has also been found roosting in structures like sheds and barns. These bats tend to hibernate in large caves or mines with large passages and entrances, but they prefer the crevices in these large openings.	<p>No suitable habitat is present for the Northern Long-eared Bat. There are no structures and no caves within the extent of the project.</p> <p>The IPaC-provided Determination Key determined that the undertaking will have no effect on the NLEB [9].</p>
<b>Ozark Big-eared Bat</b>	Endangered	The Ozark Big-eared Bat prefers habitats that include limestone and sandstone talus caves and crevices that are surrounded by oak and hickory hardwood forests.	<p>No suitable habitat is present for the Ozark Big-eared Bat. There are no caves or hardwood forests in the project boundary.</p> <p>The IPaC-provided Determination Key determined that the undertaking is not likely to adversely affect (NLAA) the Ozark Big-eared Bat [9].</p>

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

SPECIES	PROTECTED STATUS	PREFERRED STATUS	HABITAT PRESENT
<b>MAMMALS (CONTINUED)</b>			
<b>Tricolored Bat</b>	Proposed Endangered	During non-hibernating seasons (spring, summer, and fall) the tricolored bat can be found roosting in trees, specifically in their leaves. They also can be found roosting in artificial roosts like barns, porch roofs, bridges, and other overhangs. They are rarely found in caves when not hibernating. During hibernation they prefer caves.	With the site being an open field there is no suitable habitat for the Tricolored Bat.
<b>BIRDS</b>			
<b>Eastern Black Rail</b>	Threatened	Eastern Black Rails require dense vegetation that allows for movement under the canopy. They prefer a variety of salt brackish, and freshwater marsh habitats that can be tidally or non-tidally influenced.	No suitable habitat is present within the project's boundary. The open field does not contain dense vegetation or marshes.  The IPaC provided Determination Key determined that the undertaking will have no effect on the Eastern Black Rail [9].
<b>Piping Plover</b>	Threatened	During the winter piping plovers can be found in various coastal habitats: spits, small islands, tidal flats, shoals, and sandbars with inlets.	There is no coastal area within the extent of the project. There is no suitable habitat within the project site.  The IPaC-provided Determination Key determined that the undertaking will have no effect on the Piping Plover [9].

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

SPECIES	PROTECTED STATUS	PREFERED HABITAT	HABITAT PRESENT
<b>BIRDS (CONTINUED)</b>			
<b>Rufa Red Knot</b>	Threatened	The Rufa Red Knots are shore birds. They prefer coastal areas. When nesting they prefer slightly elevated tundra near freshwater wetlands.	<p>The project is not near a coastal area nor is it an elevated tundra near freshwater wetlands. There is no suitable habitat for the Rufa Red Knot.</p> <p>The IPaC-provided Determination Key determined that the undertaking will have no effect on the Rufa Red Knot [9].</p>
<b>FISHES</b>			
<b>Ozark Cavefish</b>	Threatened	The Ozark Cavefish prefers groundwater habitats like the Springfield Plateau Aquifer, within Boone and Burlington Formation Limestones.	<p>There is no suitable habitat within the boundary of the project.</p> <p>The IPaC provided Determination Key that determined that the undertaking is not likely to adversely affect (NLAA) the Ozark Cavefish [9].</p>
<b>REPTILES</b>			
<b>Alligator Snapping Turtle</b>	Proposed Threatened	The preferred habitat for alligator snapping turtles consists of large deep rivers, streams, canals, lakes, and swamps. They prefer if the area is surrounded by high canopy forest areas and has structures like root masses, stumps, and submerged trees.	There is no suitable habitat for the Alligator Snapping Turtle within the project area.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

SPECIES	PROTECTED STATUS	PREFERED HABITAT	HABITAT PRESENT
<b>INSECTS</b>			
<b>Monarch Butterfly</b>	Candidate	The Monarch Butterflies prefer brush piles, dense shrub patches, meadows filled with tall grasses and wildflowers, or flower beds with 10 or more plants.	With the site being a well-maintained field that was previously cleared of all trees there is no suitable habitat for monarch butterflies within the site.
<b>CRUSTACEANS</b>			
<b>Benton County Cave Crayfish</b>	Endangered	The Benton County Cave Crayfish can often be found along the walls of pools or stream edges in the chert-limestone cave stream systems.	There is no suitable habitat within the project boundary for the Benton County Cave Crayfish.  The IPaC-provided Determination Key determined that the undertaking is not likely to adversely affect (NLAA) the Benton County Cave Crayfish [9].
<b>FLOWERING PLANT</b>			
<b>Missouri Bladderpod</b>	Threatened	The Missouri Bladderpod grows mostly in open limestone and dolomite glades in Arkansas.	There is little to no suitable habitat within the project boundary for the Missouri Bladderpod.  The IPaC-provided Determination Key determined that the undertaking is not likely to adversely affect (NLAA) the Missouri Bladderpod [9].

In light of this, RUS has determined that financial assistance for this project is not likely to adversely affect any listed or proposed species nor result in the adverse modification of any designated or proposed suitable habitat. Additionally, TPI has begun consultation with USFWS to potentially establish new pollinator habitat within the project area, which would result in a net positive effect on the ecosystem in the area. No environmental impact is anticipated on any threatened or endangered species as a result of this Project.

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### **3.6.2.3 MITIGATION**

No mitigation measures are warranted.

#### **3.6.3 MIGRATORY BIRD TREATY ACT**

##### **3.6.3.1 AFFECTED ENVIRONMENT**

TPI accessed the Rapid Avian Information Locator (RAIL) [5], at the recommendation of the U.S. Fish and Wildlife Service (USFWS), website on May 22, 2024. According to the website, none of the bird species present in the project area are threatened or endangered within the state of Arkansas. The official RAIL species list is provided in Appendix F [5].

##### **3.6.3.2 ENVIRONMENTAL CONSEQUENCES**

###### No Action Alternative

Under the NAA, the proposed project boundary would remain in its current condition and there would be no impact to migratory birds including Bald and Golden Eagles.

###### Proposed Action

The proposed Project will consist of the construction of ground-mounted solar arrays, which will pose no risk to migratory birds in flight and will take place upon formerly wooded land, which provides little suitable wildlife habitat for the listed migrating bird species and no reason to cause an impact upon its existing flight patterns. Solar panels at the site will be photovoltaic, which shall absorb sunlight, and which are the only solar panel type approved for use by the Audubon Society due to their relatively low impact upon birds (<https://www.audubon.org/news/solar-power-and-birds>). No impact or take of any listed species is anticipated by the Project.

##### **3.6.3.3 MITIGATION**

No mitigation measures are warranted

#### **3.6.4 BALD AND GOLDEN EAGLE PROTECTION ACT**

##### **3.6.4.1 AFFECTED ENVIRONMENT**

TPI accessed the Rapid Avian Information Locator (RAIL) [5], at the recommendation of the U.S. Fish and Wildlife Service (USFWS), website on May 22, 2024. According to the website, the Bald Eagle may be found near the project area, but it is not a bird of concern in the Project area. The Golden Eagle was not identified as being found near the project area.

##### **3.6.4.2 ENVIRONMENTAL CONSEQUENCES**

###### No Action Alternative

Under the NAA, the proposed project location would remain in its current condition and there would be no impact to migratory birds including Bald and Golden Eagles.

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### Proposed Action

The proposed action will consist of the construction of ground-mounted solar arrays. As previously mentioned in section 3.6.3.2, the Audubon Society (<https://www.audubon.org/news/solar-power-and-birds>) has determined that the positive effects of lowering GHG emissions far outweighs any potential negative impacts from solar generation on bird species. The Bald Eagle prefers to nest near lakes or rivers where its primary food source, fish, can be found more abundantly. The Project location is not located within 5 miles of the nearest river or lake. Thus, the Bald Eagle is not likely to be found near the project area. Furthermore, the Bald Eagle is not a bird of concern in the Project Area. No disturbance, impact, or take of the Bald Eagle is anticipated by the Project. Golden Eagles were not identified as being found near the project location.

#### **3.6.4.3 MITIGATION**

No mitigation measures are warranted.

### **3.6.5 INVASIVE SPECIES**

#### **3.6.5.1 AFFECTED ENVIRONMENT**

Many invasive species have the potential to be found throughout Arkansas (<https://www.invasivespeciesinfo.gov/us/arkansas>). As such, some invasive species may be present in the APE. However, the proposed Project site has no known invasive species present, only native growth from former trees.

#### **3.6.5.2 ENVIRONMENTAL CONSEQUENCES**

Due to the minimized need for earthwork and thus fill material necessary from offsite, as well as the absence of surface water near the Project location, and the maintenance of any such vegetation at the site during operation, the Project will not promote the introduction or growth of invasive species and is anticipated to have no effect upon native species in the APE.

#### **3.6.5.3 MITIGATION**

No mitigation measures are warranted

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.7 CULTURAL RESOURCES AND HISTORIC PROPERTIES**

**3.7.1 AFFECTED ENVIRONMENT**

The site is located on rural land that was used for farming prior to being acquired by XNA. The proposed Project will be located near the city of Highfill, Arkansas in Benton County at the corner of E 1<sup>st</sup> Avenue and Pianalto Street.

**3.7.2 ENVIRONMENTAL CONSEQUENCES**

No-Action Alternative

No cultural resources are present on the site and the site will remain the same; therefore, no impacts would occur.

Proposed Action

The Arkansas Historic Preservation Program (AHPP) was contacted for their review and comment on the proposed Project on April 26, 2024. In accordance with the online Tribal Directory Assessment Tool (TDAT) [7], the following Indian tribes were provided a finding of “no historic properties affected” on April 26, 2024, regarding the proposed Project: the Apache Tribe of Oklahoma, the Caddo Nation of Oklahoma, the Cherokee Nation, the Osage Nation, and the Quapaw Nation.

In order to determine the potential impact of the proposed projects on the cultural resources, TPI commissioned a cultural resource survey of the APE for the XNA solar facility. Regarding the Project, the survey stated that “the proposed undertaking meets the criteria for a finding of no historic properties affected as per 36 CFR 800.4(d)(1)” [4]. The cultural resource survey was provided to all listed tribes as well as the AHPP.

The Osage Nation stated they concur with the determination of “No Properties” effected; however, “If artifacts or human remains are discovered during project construction, we ask that work cease immediately and the Osage Nation Historic Preservation Office be contacted immediately.”

The Quapaw Nation stated that they have no interest in the project or the surrounding area.

As of today's date, no further response was received by the Apache Tribe of Oklahoma, the Caddo Nation of Oklahoma, the Cherokee Nation, and the Osage Nation.

In light of this, we conclude the proposed undertaking will have no effect on historic properties or cultural resources.

**3.7.3 MITIGATION**

An Inadvertent Discovery Plan is in place and if any archaeologically significant sites or artifacts are found the appropriate authority will be contacted.



## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### **3.8 AESTHETICS**

##### **3.8.1 AFFECTED ENVIRONMENT**

The site is located on unused rural land and is currently owned by XNA. The proposed solar array will be located outside of any aesthetically sensitive location such as a scenic area or park.

##### **3.8.2 ENVIRONMENTAL CONSEQUENCES**

The Project will place photovoltaic panels over the approximately 17.5 acres shown on the APE, outside of any scenic or otherwise aesthetically sensitive area. Due to the limited height of these structures and being surrounded to the west by forested land, no significant adverse impact on the aesthetics of the area is anticipated by the Project.

##### **3.8.3 MITIGATION**

No mitigation measures are warranted.

#### **3.9 AIR QUALITY**

##### **3.9.1 AFFECTED ENVIRONMENT**

The attached report, located in Appendix C, using the EPA-provided NEPAssist tool [2] shows that the proposed Project is not within EPA-designated non-attainment or maintenance areas for air quality criteria pollutants. The EPA-provided Greenbook was also used to verify that the site was not within an EPA-designated non-attainment or maintenance area and was accessed on February 23, 2024.

##### **3.9.2 ENVIRONMENTAL CONSEQUENCES**

###### No Action Alternative

The NAA would result in no change in the current state of the site, and no impact to air quality would be expected.

###### Proposed Action

The proposed action would result in reduced GHG emissions, as GHGs are not a by-product of PV electricity generation. This route would also lessen the area's dependence on fossil fuels overall. Short-term increases to dust due to construction for the Project will be negligible due to the usage of BMPs, such as silt fences and stabilization, which will be used during and after construction as needed to minimize any indirect adverse environmental effects.

Short-term increases in emissions from construction vehicles may also be expected during the construction phase of the project, but this incidental increase is not anticipated to have any noticeable effect due to the short duration of construction. Additionally, long-term air quality in the area should benefit given the lower emissions anticipated due to the implementation of a significant renewable energy source for the existing power grid.

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### **3.9.3 MITIGATION**

BMPs will mitigate short-term increases to dust, and short-term increases in emissions will be negligible during construction. BMPs include but are not limited to: spraying water on exposed surfaces to minimize dust; limiting loose uncovered soil area; siting of staging areas to reduce dust; the use of soil stabilizers; mulching when applicable; limited number of vehicles and reduced speed in the construction area; covering all truck transporting loose media; limiting vehicle idling time; and conducting timely and proper vehicle maintenance.

#### **3.10 SOCIO-ECONOMIC & ENVIRONMENTAL JUSTICE**

Applicants are required to determine if their proposal has or may have a disproportionately high and adverse human health or environmental effects on minority and low-income populations under E.O. 12898 *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations* and USDA Departmental Regulation DR 5600-2, *Environmental Justice*.

##### **3.10.1 AFFECTED ENVIRONMENT**

The U. S. Census Bureau data [8] for Benton County, AR was reviewed and is provided in Appendix G. Benton County has a population that is 87.3% white with a 7.9% poverty rate and a reported growth trend of 9.4%.

Per the attached report, also located in Appendix G, using the EPA-provided EJScreen tool [1], the proposed project generates a report with values of N/A due to its small size and sparse population.

The proposed Project is within an undeveloped agricultural area already owned by XNA. The development of the Project is not anticipated to impact the lives of the population. There are no known environmental issues within the APE that would be expected to pose an environmental justice risk. The surrounding area, local services, and public facilities will not be affected by the Project beyond being provided with the availability of a renewable, solar source of electric energy.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.10.2 ENVIRONMENTAL CONSEQUENCES**

No Action Alternative

The NAA does not apply as there is no potential for impact on environmental justice.

Proposed Action

The proposed Project is being designed to improve energy reliability while reducing the overall carbon footprint of consumers in the area, namely the XNA Airport.

Based on the small size and rural location of the project, it is believed that few or no new jobs would be created and that unemployment rates for the area would not be impacted by the project. The proposed project is located in a rural area and is not located in a minority or low-income area. As a result, the proposed project would not have any disproportionate effects on minority, or low-income populations located in the area. The proposed Project is not anticipated to have any change on the population or economy of the area. It is further anticipated that the proposed project would not have any impact on, or be influenced by, the civil rights, ethnic origin, sex, or social status of the people located near the project area. The Project is not considered an environmental risk or controversial and will not displace any current residents, nor will it adversely impact local public facilities or public services.

The proposed project is within a rural area and within land and easements already possessed. Financial assistance for this Project is not anticipated to have any major Environmental Justice or civil rights impact.

**3.10.3 MITIGATION**

No mitigation measures are warranted.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.11 MISCELLANEOUS ISSUES**

**3.11.1 NOISE**

**3.11.1.1 AFFECTED ENVIRONMENT**

The site is located on unused rural land and is currently owned by XNA. The proposed solar array will be located near the city of Highfill, Arkansas in Benton County at the intersection of E 1<sup>st</sup> Avenue and NE Pianalto Road. Current noise levels for the site are typical of a rural area located beside a roadway. Based on aerial images of the site, the nearest residence is located approximately 500 feet away.

**3.11.1.2 ENVIRONMENTAL CONSEQUENCES**

No Action Alternative

The NAA would result in no change to noise pollution.

Proposed Action

Any noise produced by the construction of the facility will be localized and temporary for the extent of the construction activity. In the long term, the excess noise that is anticipated to be produced by the proposed facility will be negligible. The proposed Project is anticipated to have no effect on the noise pollution in the area.

**3.11.1.3 MITIGATION**

Throughout the construction process, all noise levels will adhere to all state and local ordinances concerning noise pollution. Any extra noise caused by the construction will be restricted to daytime hours to avoid causing disturbance. Following the completion of construction, the additional noise from the facility will be minimal.

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### **3.11.2 TRANSPORTATION**

##### **3.11.2.1 AFFECTED ENVIRONMENT**

The attached map, located in Appendix H, using FAA-provided data, shows that the proposed Project is approximately 0.48 linear miles from the nearest airport.

##### **3.11.2.2 ENVIRONMENTAL CONSEQUENCES**

14 CFR 77.9 (b)(1) applies as the proposed action is within proximity of an airport runway that is greater than 3,200 feet in length. As the proposed action is taking place more than 2,500 feet away, the maximum height of the facility that would not require consultation with the FAA is 25 feet. While the solar array will be constructed to less than 25 feet tall, the project is being done in coordination with XNA airport. Thus, XNA will handle permitting and consultation with the FAA.

##### **3.11.2.3 MITIGATION**

XNA will obtain all permitting and coordination as required by the FAA.

#### **3.12 HUMAN HEALTH AND SAFETY**

##### **3.12.1 ELECTROMAGNETIC FIELDS AND INTERFERENCE**

##### **3.12.1.1 AFFECTED ENVIRONMENT**

The proposed Project will be located on rural tracts of land in Highfill, Arkansas in Benton County at the intersection of E 1<sup>st</sup> Avenue and NE Pianalto Road on land currently owned by XNA. The proposed Project location site is located within the city of Highfill and approximately 500 feet away from the nearest occupied residence.

##### **3.12.1.2 ENVIRONMENTAL CONSEQUENCES**

###### No-Action Alternative

Pursuing the no-action alternative would leave the area in its current condition without any EMFs or shock risks.

## **TODAY'S POWER, INC.**

### **ENVIRONMENTAL ASSESSMENT Northwest Arkansas National Airport XNA Solar Facility**

#### **Proposed Action**

As the Project will involve the construction of a solar panel array that will generate electricity, Electromagnetic Fields (EMFs) may be generated. Studies [6] based on similar facilities suggest that any EMFs generated will be below permissible exposure thresholds.

Current scientific literature suggests that electromagnetic fields that are generated from similar solar facilities operate below acceptable exposure levels, with the highest EMFs present at three feet of distance from the inverter units used [6]. Publicly available studies used for reference are included in Appendix J. The solar facility is proposed to be located over 500 feet away from any occupied residence and will be fenced off to prevent unauthorized access. As a result, no impact on human health and safety is anticipated because of exposure to EMFs due to this Project. The greatest risk to human health from electrical infrastructure is the electrical shock risk.

#### **3.12.1.3 MITIGATION**

To mitigate the risk of electrical shock, the proposed project site will be enclosed by a fence to prevent accidental exposure to the general public. Only qualified personnel will have access to the project location. All OSHA safety standards will be adhered to in order to reduce the risk to personnel working within the facility.

### **3.12.2 ENVIRONMENTAL RISK MANAGEMENT**

#### **3.12.2.1 AFFECTED ENVIRONMENT**

The attached report, located in Appendix C using the EPA-provided NEPAssist tool [2] shows that the proposed Project is not within EPA-designated areas for existing hazardous waste facilities, toxic release inventories, or TSCA sites.

The proposed Project will be located on previously cleared tracts of land in Arkansas on land without any existing facilities. The land is currently owned by Northwestern Arkansas Airport. The site is not anticipated to have any hazardous material, lead, or petroleum products within the APE.

#### **3.12.2.2 ENVIRONMENTAL CONSEQUENCES**

As shown in the above-referenced report, the Project is outside of any existing RCRA facilities, toxic release inventories, or TSCA sites, and will not produce any hazardous material or waste or consist of a new RCRA hazardous materials handling facility. No effect on environmental risk management is anticipated.

#### **3.12.2.3 MITIGATION**

No mitigation measures are warranted.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**3.13 CORRIDOR ANALYSIS**

**3.13.1 AFFECTED ENVIRONMENT**

Connection to the existing electrical grid will be completed in coordination with the local utility in the area. Existing distribution lines run north along NE Pianalto Road. to the utility lines located adjacent to the Project and within the 17.5-acre area of the project. There is no current corridor or impact beyond that already listed for building and connecting to the existing electrical grid at this project location.

**3.13.2 ENVIRONMENTAL CONSEQUENCES**

The construction activities for the Project do not propose to impact traffic patterns, nor have any impact on the existing roadway. In total, project construction is anticipated to last for 2 months and no obstruction to traffic is anticipated during construction. Periodic inspection of the site and maintenance activities for the site will be required once built but will be negligible in terms of long-term impact on current traffic patterns and amounting to less than one average daily trip. No impact on traffic is anticipated as a result of this Project.

**3.13.3 MITIGATION**

No mitigation measures are warranted.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**4.0 CUMULATIVE EFFECTS**

**4.1 SUMMARY OF ENVIRONMENTAL EFFECTS**

<b>Environmental Resource</b>	<b>Determination of Effect</b>
Land Use	No known development plans for the area, Northwestern Arkansas Airport currently owns the property. No Effect Anticipated. Permits will be obtained from the City of Highfill, AR and Benton County.
Farmland	Conversion of approximately 17.5 acres of unused rural land, USDA consultation concluded. No Effect Anticipated.
Formally Classified Land	No known Formally Classified Lands within the project area.
Floodplains	No Floodplains within the project area. No Effect Anticipated.
Wetlands	No Wetlands within the project area. No Effect Anticipated.
Water Resources	No well-heads, watershed protection areas, or Sole Source Aquifers within the project area. The project will not alter existing topography, excavate to any appreciable depth, nor add any effluent discharge to the drainage area. BMPs will be utilized for construction. No Effect Anticipated.



**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

<b>Environmental Resource</b>	<b>Determination of Effect</b>
Coastal Resources	No coastal areas or aquatic habitats in this region. No Effect Anticipated.
Biological Resources – Fish, Wildlife and Vegetation	Little to no suitable habitat for native vegetation currently within the project area. USFWS concurrence granted. No Effect Anticipated.
Biological Resources – Threatened and Endangered Species	Little or no suitable habitat for listed threatened and endangered species is currently within the project area. May Affect; Not Likely to Adversely Affect (MA; NLAA) determination made for Indiana Bat. No Effect Anticipated.
Biological Resources – Migratory Bird Treaty Act	Little suitable habitat for birds of concern within project area. No Effect Anticipated.
Biological Resources – Bald and Golden Eagle Protection Act	Little suitable habitat for Bald or Golden Eagle within project area. Neither is a bird of concern in the project area. No Effect Anticipated.
Biological Resources – Invasive Species	Minimized fill required from offsite and no surface water at project site. Project will not promote the introduction or growth of invasive species. No Effect Anticipated.
Cultural Resources and Historic Properties	Cultural Resources Survey conducted by Flat Earth Archeology concluded “no historic properties affected” [4]. Consultation concluded for all other tribes. No Effect Anticipated.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

<b>Environmental Resource</b>	<b>Determination of Effect</b>
Aesthetics	Project is outside of any aesthetically sensitive area. Project will be of limited height. No Effect Anticipated.
Air Quality	Project is outside of any EPA-designated non-attainment or maintenance areas for air quality criteria pollutants. Short-term increases to dust will be mitigated by BMPs, and short-term increases to emissions will be negligible during construction. No Adverse Effect Anticipated. Long-term benefits are anticipated due to clean, renewable energy sources.
Socio-Economic & Environmental Justice	Project is not an environmental risk nor controversial and will not displace any current residents, nor will it adversely impact local public facilities or public services. No Effect Anticipated.
Noise	Short-term noise during construction. Post-construction noise levels will be equivalent to current ambient noise levels in the area. All state and local noise ordinances will be followed. No Effect Anticipated.
Transportation	Project is 0.48 miles from the nearest end of the airport runway. No significant short-term obstruction to traffic is planned for construction. No significant long-term increase to traffic during Project life. No Effect Anticipated.
Human Health and Safety	Highest EMFs would be present at approximately three feet of distance from the inverter units used. Project location is approximately 500 feet from occupied residences and will be fenced off to prevent unauthorized access. Per the study [6], all EMFs will be within allowable tolerances. No Effect Anticipated.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**4.2 CUMULATIVE EFFECTS**

<b>Environmental Resource</b>	<b>Past</b>	<b>Proposed Action</b>	<b>Future Action</b>	<b>Cumulative Effect</b>
Land Use	Previously Forested, Industrial Area	Convert 17.5-Acres To A Solar Facility	No Effect Anticipated	No Significant Effect Anticipated
Farmland	Previously Forested, Industrial Area	Convert 17.5-Acres To A Solar Facility	No Effect Anticipated	No Significant Effect Anticipated
Formally Classified Land	None Existing Near Project Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Floodplains	None Existing Near Project Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Wetlands	None Existing Near Project Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Water Resources	No Known Wells, Or Protection Areas Near Project Area. Receiving Stream $\pm$ 2500 Feet Distant. Project does not involve actions which would impact Sole Source Aquifer.	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Coastal Resources	None Existing Near Project Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Biological Resources – Fish, Wildlife And Vegetation	Little Suitable Habitat Within Project Area. No Indirect Effects to Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

<b>Environmental Resource</b>	<b>Past</b>	<b>Proposed Action</b>	<b>Future Action</b>	<b>Cumulative Effect</b>
Biological Resources – Threatened And Endangered Species	No Suitable Habitat Within Project Area. No Indirect Effects To the Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Biological Resources – Migratory Bird Treaty Act	No Suitable Habitat Within Project Area. No Indirect Effects On Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Biological Resources – Bald And Golden Eagle Protection Act	No Suitable Habitat Within Project Area. No Indirect Effects On Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Biological Resources – Invasive Species	None Known Within Project Area Or Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Cultural Resources And Historic Properties	None Known Within Project Area Or Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Aesthetics	Previously Forested, Rural Area	Will Convert 17.5-Acres Of Potential Farmland To Solar Facility	No Effect Anticipated	No Significant Effect Anticipated

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

<b>Environmental Resource</b>	<b>Past</b>	<b>Proposed Action</b>	<b>Future Action</b>	<b>Cumulative Effect</b>
Air Quality	Outside Of EPA-Designated Non-Attainment Or Maintenance Areas For Air Quality Criteria Pollutants	Long-Term Benefit Anticipated By the Reduction of GHGs and Decreasing the Dependence on Fossil Fuels	No Effect Anticipated	Long-Term Benefit Anticipated
Socio-Economic & Environmental Justice	No Public Facilities Or Services, Nor Residential Or Commercial Properties In the Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Noise	Ambient Noise Level	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Transportation	0.48 miles from the end of the nearest runway for the Northwest Arkansas National Airport.	No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated
Human Health And Safety	Vacant Farmland	EMF Potential At Project Area. Project Will Prevent Unauthorized Access. No Effect Anticipated	No Effect Anticipated	No Significant Effect Anticipated

In general, no significant effects are anticipated either individually or cumulatively as a result of the Project both within the approximately 17.5-acre area of potential effect for the project and for the immediately surrounding area within the next 20 years. No future masterplans for the area are known, nor are in development, and no known future developments in the area are anticipated to have a significant effect on the environmental resources of the area. Land Use, aesthetics, and farmland will change from an unused field to a solar facility as a result of the proposed construction. The solar facility will generate potential EMFs, but the amount that will be generated by such a facility is within safety standards, and the area will also be restricted from unauthorized access. Air quality is expected to increase over the lifespan of the Project, as the Project will provide cleaner energy than the current alternatives. No other effects are anticipated to provide a significant cumulative effect on the area.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**5.0 SUMMARY OF MITIGATION**

MITIGATIONS	
LAND USE	No mitigations are warranted.
IMPORTANT FARMLAND	No mitigations are warranted.
FORMALLY CLASSIFIED LAND	No mitigations are warranted.
FLOODPLAINS	No mitigations are warranted.
WETLANDS	No mitigations are warranted.
WATER RESOURCES	All necessary BMPs will be implemented by the contractor.
COASTAL RESOURCES	No mitigations are warranted.
BIOLOGICAL RESOURCES	No mitigations are warranted.
CULTURAL RESOURCES	Inadvertent Discovery Plan in place.
AESTHETICS	No mitigations are warranted.
AIR QUALITY	All necessary BMPs will be implemented by the contractor.
SOCIO-ECONOMIC & ENVIRONMENTAL JUSTICE	No mitigations are warranted.
NOISE	All local and state noise ordinances will be followed. Construction will be restricted to daylight hours.
TRANSPORTATION	During construction all state and local codes and ordinances will be followed.
HUMAN AND HEALTH SAFETY	Proper fencing and signage will be implemented, and OSHA regulations followed.
CORRIDOR ANALYSIS	No mitigations are warranted.

The initial criteria for site selection, the use of BMPs such as silt fences and stabilization are anticipated to effectively minimize the potential effects of the Project upon the environment. Conditional approval measures were requested by interested Agencies such as the appropriate actions to be taken in case of incidentally encountering human remains or artifacts in the Project area. All mitigation issues are discussed above as well as in the appropriate appendices, and additional mitigation measures beyond those listed do not appear warranted at this time.

**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**6.0 COORDINATION, CONSULTATION, AND CORRESPONDENCE**

The EA was available for public review at the RD website (<https://www.rd.usda.gov/resources/environmental-studies/assessment/xna-solar>). The public was notified on August 4th and August 11th, 2024 through newspaper publication via the Arkansas Democrat-Gazette. No comments were received from the public.

The following agencies or agency websites were consulted as part of the preparation of this EA, all supporting documentation and agency correspondence are provided in the Appendices:

- Apache Tribe of Oklahoma
- Caddo Nation of Oklahoma
- Cherokee Nation
- EPA
- FAA
- FEMA Floodplain Map [3]
- NEPAassist [2]
- Osage Nation
- Quapaw Nation
- US Census Data [8]
- USDA – NRCS
- US Fish and Wildlife Services

**TODAY'S POWER, INC.**  
**ENVIRONMENTAL ASSESSMENT**  
**Northwest Arkansas National Airport**  
**XNA Solar Facility**

## **7.0 REFERENCES**

All supporting documentation and agency correspondence is provided in the Appendices.

- [1] EPA EJScreen, last accessed February 27<sup>th</sup>, 2024.  
<https://ejscreen.epa.gov/mapper/>
- [2] EPA NEPAassist tool, last accessed February 27<sup>th</sup>, 2024.  
<https://nepassistentool.epa.gov/nepassistent/nepamap.aspx>
- [3] FEMA Flood Plain Map, last accessed February 26<sup>th</sup>, 2024.  
<https://msc.fema.gov/portal/home>
- [4] Flat Earth Archeology, LLC. "A Cultural Resources Survey for the Proposed NWA National Airport (XNA) Solar Facility in Benton County, Arkansas" March 2024.
- [5] [RAIL - Rapid Avian Information Locator \(pointblue.org\)](https://pointblue.org/), last accessed May 22, 2024.
- [6] Tell RA, Hooper HC, Sias GG, Mezei G, Hung P, Kavet R. Electromagnetic Fields Associated with Commercial Solar Photovoltaic Electric Power Generating Facilities. *J Occup Environ Hyg*. 2015;12(11):795-803. doi:10.1080/15459624.2015.1047021
- [7] Tribal Directory Assessment Tool (TDAT), last accessed February 27<sup>th</sup>, 2024.  
<https://egis.hud.gov/tdat/>
- [8] US Census Data, last accessed April 2<sup>nd</sup>, 2024.  
<https://www.census.gov/quickfacts/fact/table/bentoncountyarkansas/PST045223>
- [9] US Fish and Wildlife Services— Information for Planning and Consultation, last accessed February 27<sup>th</sup>, 2024. <https://ipac.ecosphere.fws.gov/>
- [10] US Fish and Wildlife Services – National Wetlands Inventory, last accessed February 26<sup>th</sup>, 2024. <https://www.fws.gov/wetlands/data/mapper.html>
- [11] USGS National Map, last accessed February 27<sup>th</sup>, 2024.  
<https://apps.nationalmap.gov/viewer/>



**TODAY'S POWER, INC.**

**ENVIRONMENTAL ASSESSMENT  
Northwest Arkansas National Airport  
XNA Solar Facility**

**8.0 LIST OF PREPARERS**

This EA was prepared by:

Matthew Miller, PE

Vice President, Toth & Associates

Will Deckard, PE

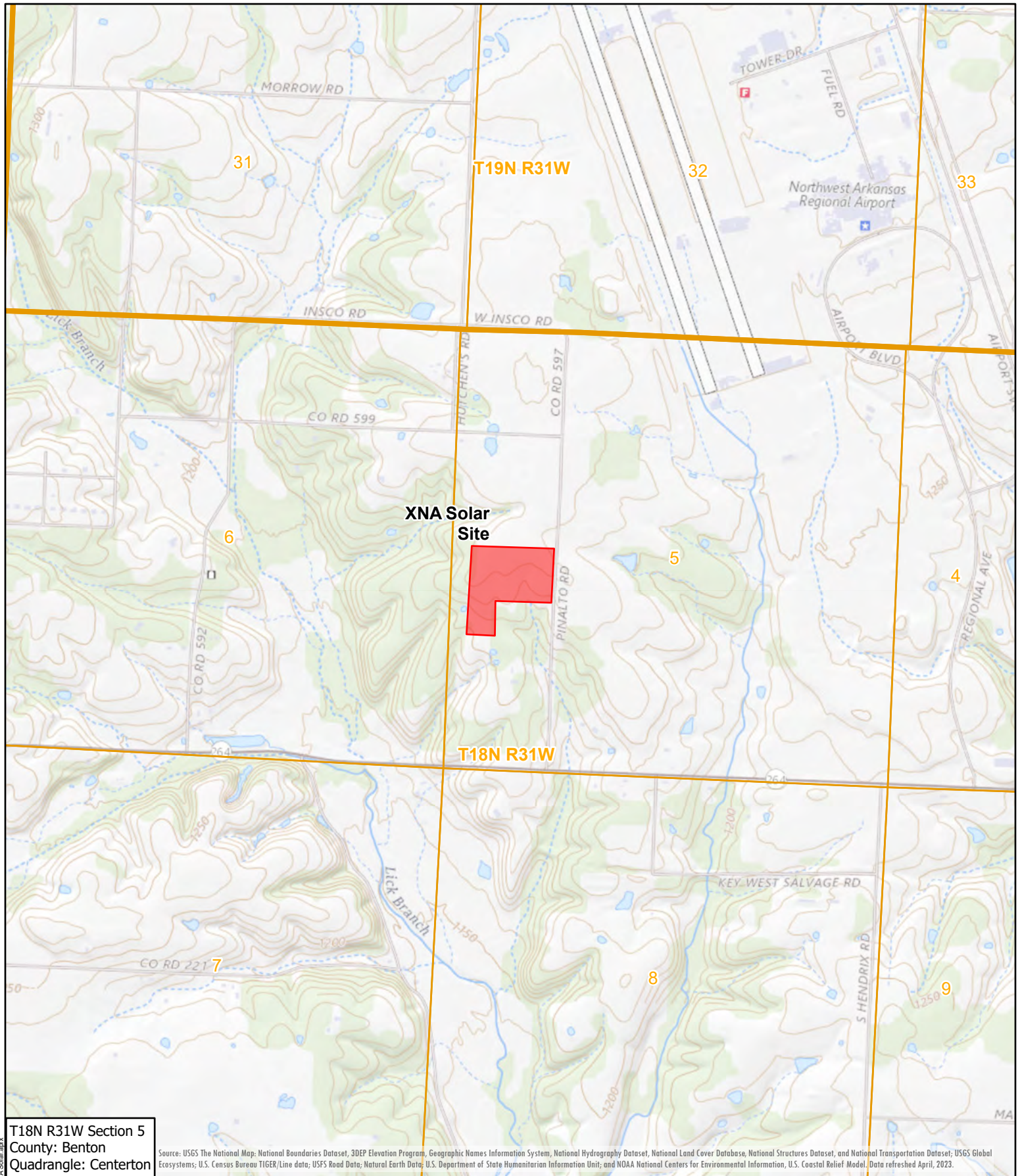
Engineer, Toth & Associates

Kathrine Alvarez

Intern, Toth & Associates

## **ENVIRONMENTAL ASSESSMENT APPENDICES**

## **APPENDIX A**



T18N R31W Section 5  
 County: Benton  
 Quadrangle: Centerton

Source: USGS The National Map; National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed April, 2023.

Area of Potential Effects

PLSS Section

PLSS Township

**Toth & Associates**  
 1550 E REPUBLIC RD  
 SPRINGFIELD, MO 65804  
 Ph. 417-888-0645  
 Fax: 417-888-0657  
[www.tothassociates.com](http://www.tothassociates.com)

DISCLAIMER: This map is for illustrative purposes and should only be used as such.

Map by: mgaines      Date: 2/26/2024

**TODAY'S POWER**  
 NORTH LITTLE ROCK, ARKANSAS  
 PULASKI

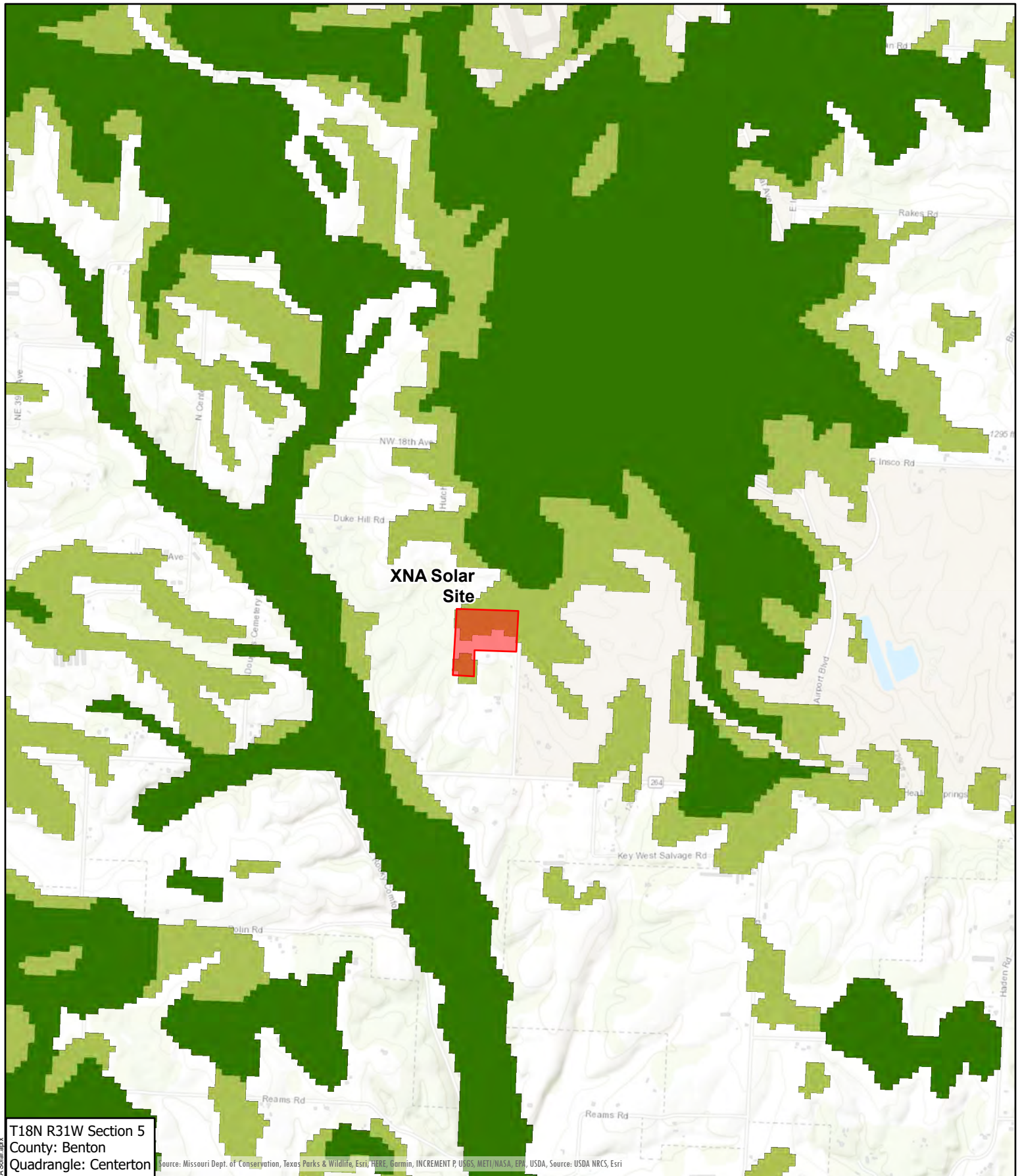
**XNA Solar Site**

USGS Topographic

0 1,500  
 Feet

## **APPENDIX B**





T18N R31W Section 5  
County: Benton  
Quadrangle: Centerton

	Area of Potential Effects
	USA SSURGO Farmland Class
	Prime Farmland
	Farmland of Local Importance
	Farmland of Statewide Importance

**Toth & Associates**  
1550 E REPUBLIC RD  
SPRINGFIELD, MO 65804  
Ph. 417-888-0645  
Fax: 417-888-0657  
www.tothassociates.com

**Today's Power**  
Your Energy Partner

DISCLAIMER: This map is for illustrative purposes and should only be used as such.

Map by: mgaines Date: 2/26/2024

**TODAY'S POWER**  
NORTH LITTLE ROCK, ARKANSAS  
PULASKI

**XNA Solar Site**

Important Farmland

0 2,000 Feet



United States Department of Agriculture

---

**VIA EMAIL**

March 1, 2024

Kathrine Alvarez  
Intern  
Toth Associates  
1550 East Republic Road  
Springfield, MO 65804

Dear Ms. Alvarez,

This letter is in response to your request for information related to Prime Farmland and Farmland of Statewide Importance for the XNA Solar Project located in Benton County, Arkansas. This activity will not affect Prime Farmland or Farmland of Statewide Importance. Please find enclosed completed form AD-1006.

Should you have any questions or need additional information, please call me at (501) 301-3140 or email at [greta.grishanova@usda.gov](mailto:greta.grishanova@usda.gov).

Sincerely,

Greta Grishanova  
Soil Scientist

Enclosure



---

**Natural Resources Conservation Service**

Room 3416, Federal Building  
700 West Capitol Avenue  
Little Rock, Arkansas 72201-3215

An Equal Opportunity Provider and Employer

*Helping People Help the Land*

**FARMLAND CONVERSION IMPACT RATING**

<b>PART I</b> <i>(To be completed by Federal Agency)</i>					Date Of Land Evaluation Request <b>2/26/2024</b>				
Name of Project <b>XNA Solar Facility</b>					Federal Agency Involved <b>USDA - Rural Utilities Service</b>				
Proposed Land Use <b>Power Generation</b>					County and State <b>Benton County, Arkansas</b>				
<b>PART II</b> <i>(To be completed by NRCS)</i>					Date Request Received By NRCS <b>2/26/2024</b>		Person Completing Form: <b>Greta Grishanova</b>		
Does the site contain Prime, Unique, Statewide or Local Important Farmland? <i>(If no, the FPPA does not apply - do not complete additional parts of this form)</i>					YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	Acres Irrigated	Average Farm Size	
Major Crop(s)		Farmable Land In Govt. Jurisdiction Acres:                      %			Amount of Farmland As Defined in FPPA Acres:                      %				
Name of Land Evaluation System Used		Name of State or Local Site Assessment System			Date Land Evaluation Returned by NRCS				
<b>PART III</b> <i>(To be completed by Federal Agency)</i>					Alternative Site Rating				
					Site A	Site B	Site C	Site D	
A. Total Acres To Be Converted Directly									
B. Total Acres To Be Converted Indirectly									
C. Total Acres In Site									
<b>PART IV</b> <i>(To be completed by NRCS)</i> Land Evaluation Information									
A. Total Acres Prime And Unique Farmland									
B. Total Acres Statewide Important or Local Important Farmland									
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted									
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value									
<b>PART V</b> <i>(To be completed by NRCS)</i> Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)									
<b>PART VI</b> <i>(To be completed by Federal Agency)</i> Site Assessment Criteria <i>(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)</i>					<b>Maximum Points</b>	Site A	Site B	Site C	Site D
1. Area In Non-urban Use					(15)				
2. Perimeter In Non-urban Use					(10)				
3. Percent Of Site Being Farmed					(20)				
4. Protection Provided By State and Local Government					(20)				
5. Distance From Urban Built-up Area					(15)				
6. Distance To Urban Support Services					(15)				
7. Size Of Present Farm Unit Compared To Average					(10)				
8. Creation Of Non-farmable Farmland					(10)				
9. Availability Of Farm Support Services					(5)				
10. On-Farm Investments					(20)				
11. Effects Of Conversion On Farm Support Services					(10)				
12. Compatibility With Existing Agricultural Use					(10)				
TOTAL SITE ASSESSMENT POINTS					160				
<b>PART VII</b> <i>(To be completed by Federal Agency)</i>									
Relative Value Of Farmland <i>(From Part V)</i>					100				
Total Site Assessment <i>(From Part VI above or local site assessment)</i>					160				
<b>TOTAL POINTS</b> <i>(Total of above 2 lines)</i>					260				
Site Selected:		Date Of Selection			Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>				
Reason For Selection:									
Name of Federal agency representative completing this form:								Date:	

*(See Instructions on reverse side)*

Form AD-1006 (03-02)



## **STEPS IN THE PROCESSING THE FARMLAND AND CONVERSION IMPACT RATING FORM**

- Step 1 - Federal agencies (or Federally funded projects) involved in proposed projects that may convert farmland, as defined in the Farmland Protection Policy Act (FPPA) to nonagricultural uses, will initially complete Parts I and III of the form. For Corridor type projects, the Federal agency shall use form NRCS-CPA-106 in place of form AD-1006. The Land Evaluation and Site Assessment (LESA) process may also be accessed by visiting the FPPA website, <http://fppa.nrcs.usda.gov/lesa/>.
- Step 2 - Originator (Federal Agency) will send one original copy of the form together with appropriate scaled maps indicating location(s) of project site(s), to the Natural Resources Conservation Service (NRCS) local Field Office or USDA Service Center and retain a copy for their files. (NRCS has offices in most counties in the U.S. The USDA Office Information Locator may be found at [http://offices.usda.gov/scripts/ndISAPI.dll/oip\\_public/USA\\_map](http://offices.usda.gov/scripts/ndISAPI.dll/oip_public/USA_map), or the offices can usually be found in the Phone Book under U.S. Government, Department of Agriculture. A list of field offices is available from the NRCS State Conservationist and State Office in each State.)
- Step 3 - NRCS will, within 10 working days after receipt of the completed form, make a determination as to whether the site(s) of the proposed project contains prime, unique, statewide or local important farmland. (When a site visit or land evaluation system design is needed, NRCS will respond within 30 working days.
- Step 4 - For sites where farmland covered by the FPPA will be converted by the proposed project, NRCS will complete Parts II, IV and V of the form.
- Step 5 - NRCS will return the original copy of the form to the Federal agency involved in the project, and retain a file copy for NRCS records.
- Step 6 - The Federal agency involved in the proposed project will complete Parts VI and VII of the form and return the form with the final selected site to the servicing NRCS office.
- Step 7 - The Federal agency providing financial or technical assistance to the proposed project will make a determination as to whether the proposed conversion is consistent with the FPPA.

## **INSTRUCTIONS FOR COMPLETING THE FARMLAND CONVERSION IMPACT RATING FORM**

*(For Federal Agency)*

**Part I:** When completing the "County and State" questions, list all the local governments that are responsible for local land use controls where site(s) are to be evaluated.

**Part III:** When completing item B (Total Acres To Be Converted Indirectly), include the following:

1. Acres not being directly converted but that would no longer be capable of being farmed after the conversion, because the conversion would restrict access to them or other major change in the ability to use the land for agriculture.
2. Acres planned to receive services from an infrastructure project as indicated in the project justification (e.g. highways, utilities planned build out capacity) that will cause a direct conversion.

**Part VI:** Do not complete Part VI using the standard format if a State or Local site assessment is used. With local and NRCS assistance, use the local Land Evaluation and Site Assessment (LESA).

1. Assign the maximum points for each site assessment criterion as shown in § 658.5(b) of CFR. In cases of corridor-type project such as transportation, power line and flood control, criteria #5 and #6 will not apply and will, be weighted zero, however, criterion #8 will be weighed a maximum of 25 points and criterion #11 a maximum of 25 points.
2. Federal agencies may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule after submitting individual agency FPPA policy for review and comment to NRCS. In all cases where other weights are assigned, relative adjustments must be made to maintain the maximum total points at 160. For project sites where the total points equal or exceed 160, consider alternative actions, as appropriate, that could reduce adverse impacts (e.g. Alternative Sites, Modifications or Mitigation).

**Part VII:** In computing the "Total Site Assessment Points" where a State or local site assessment is used and the total maximum number of points is other than 160, convert the site assessment points to a base of 160.

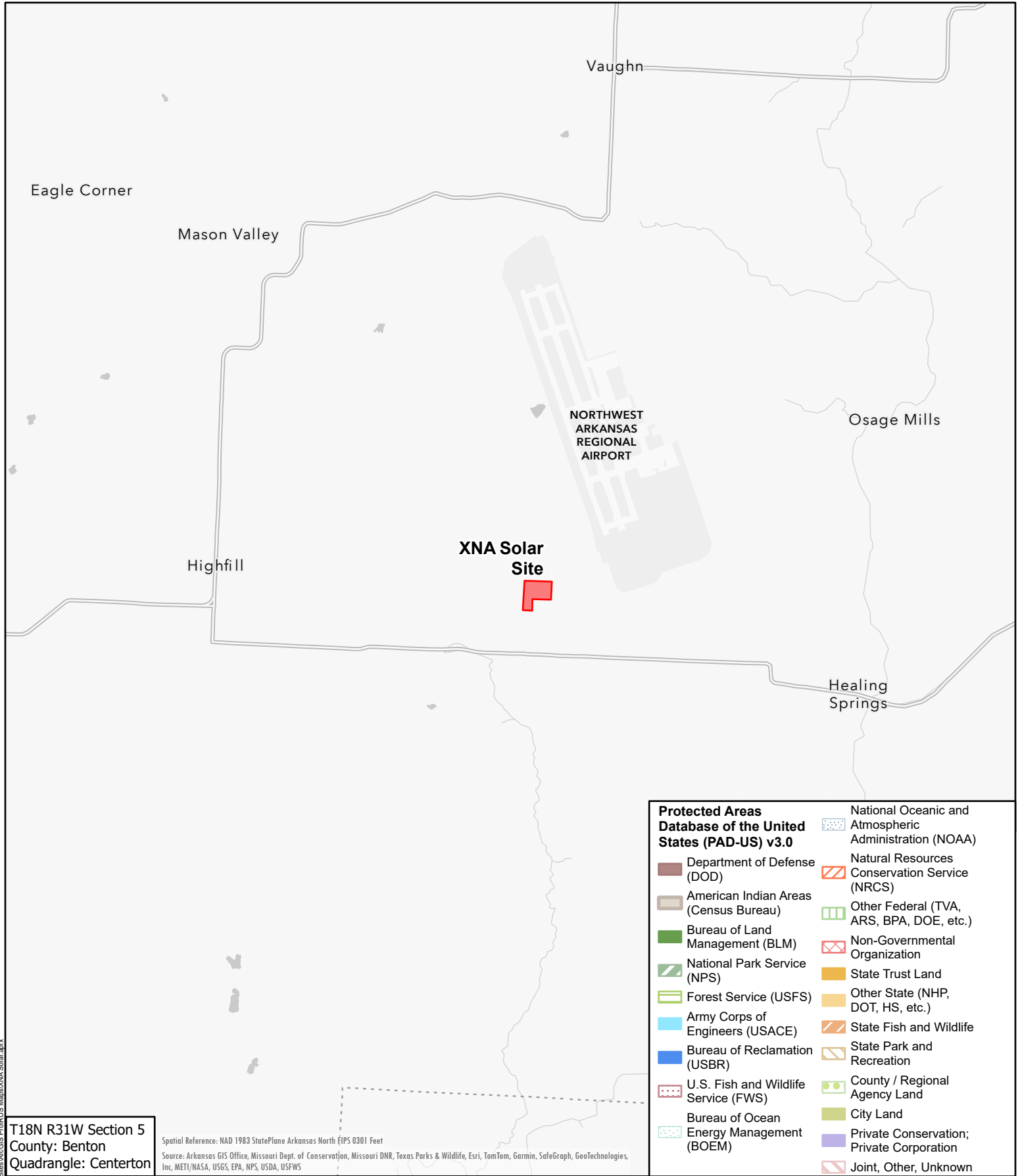
Example: if the Site Assessment maximum is 200 points, and the alternative Site "A" is rated 180 points:

$\frac{\text{Total points assigned Site A}}{\text{Maximum points possible}} = \frac{180}{200} \times 160 = 144 \text{ points for Site A}$
---

For assistance in completing this form or FPPA process, contact the local NRCS Field Office or USDA Service Center.

NRCS employees, consult the FPPA Manual and/or policy for additional instructions to complete the AD-1006 form.

## **APPENDIX C**



T18N R31W Section 5  
County: Benton  
Quadrangle: Centerton

Spatial Reference: NAD 1983 StatePlane Arkansas North FIPS 0301 Feet  
Source: Arkansas GIS Office, Missouri Dept. of Conservation, Missouri DNR, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

Protected Areas Database of the United States (PAD-US) v3.0	
Department of Defense (DOD)	National Oceanic and Atmospheric Administration (NOAA)
American Indian Areas (Census Bureau)	Natural Resources Conservation Service (NRCS)
Bureau of Land Management (BLM)	Other Federal (TVA, ARS, BPA, DOE, etc.)
National Park Service (NPS)	Non-Governmental Organization
Forest Service (USFS)	State Trust Land
Army Corps of Engineers (USACE)	Other State (NHP, DOT, HS, etc.)
Bureau of Reclamation (USBR)	State Fish and Wildlife
U.S. Fish and Wildlife Service (FWS)	State Park and Recreation
Bureau of Ocean Energy Management (BOEM)	County / Regional Agency Land
	City Land
	Private Conservation; Private Corporation
	Joint, Other, Unknown

Area of Potential Effects

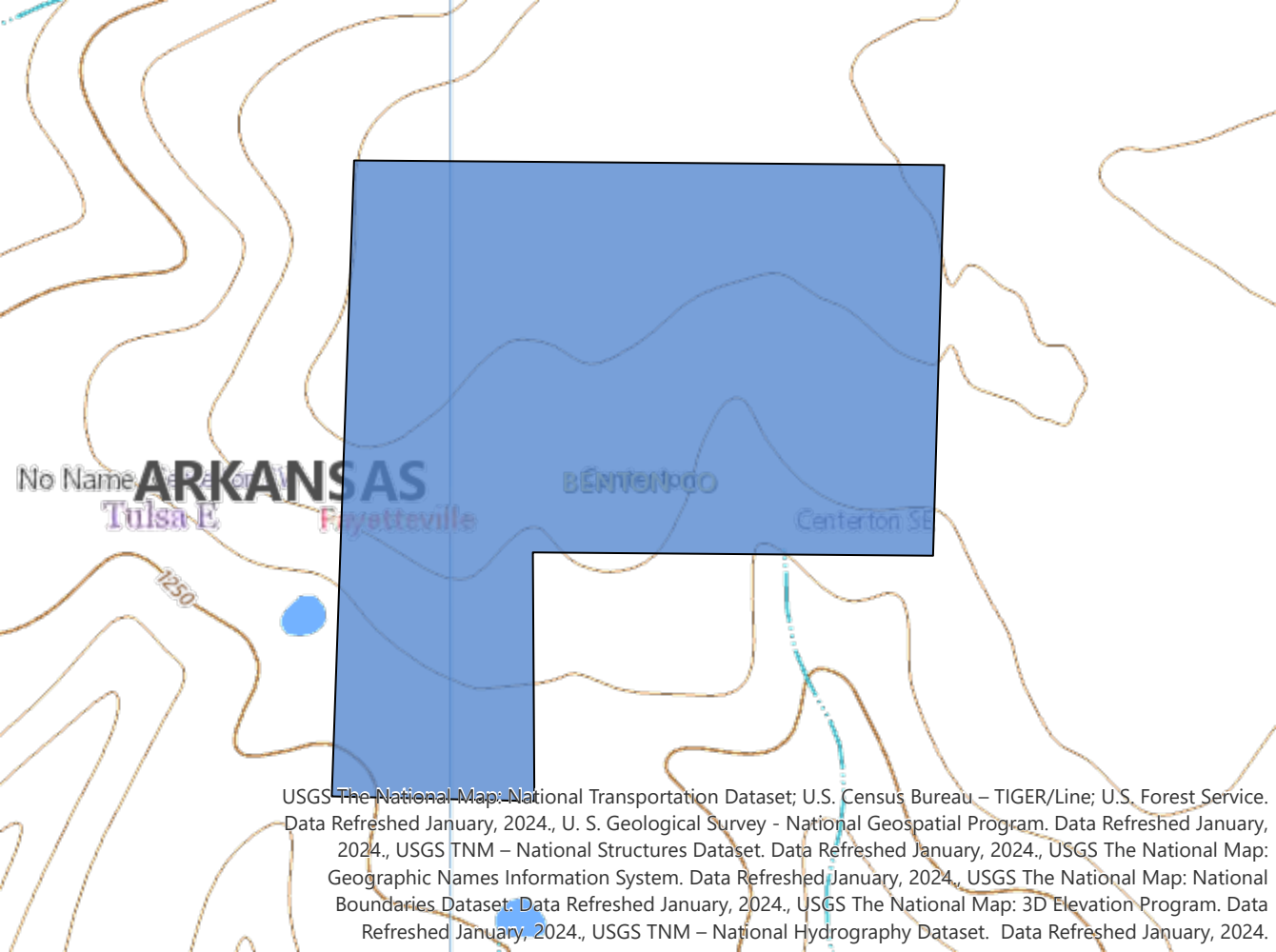
GIS SERVICES PROVIDED BY  
**TOTH & ASSOCIATES**  
1550 E REPUBLIC RD  
SPRINGFIELD, MO 65804  
Ph. 417-888-0645  
Fax: 417-888-0657  
www.tothassociates.com

DISCLAIMER: This map is for illustrative purposes and should only be used as such.  
Map by: mgaines  
Date: 5/23/2024

**TODAY'S POWER**  
NORTH LITTLE ROCK, ARKANSAS  
PULASKI

**XNA Solar Site**  
PAD-US v3.0:  
Manager Name

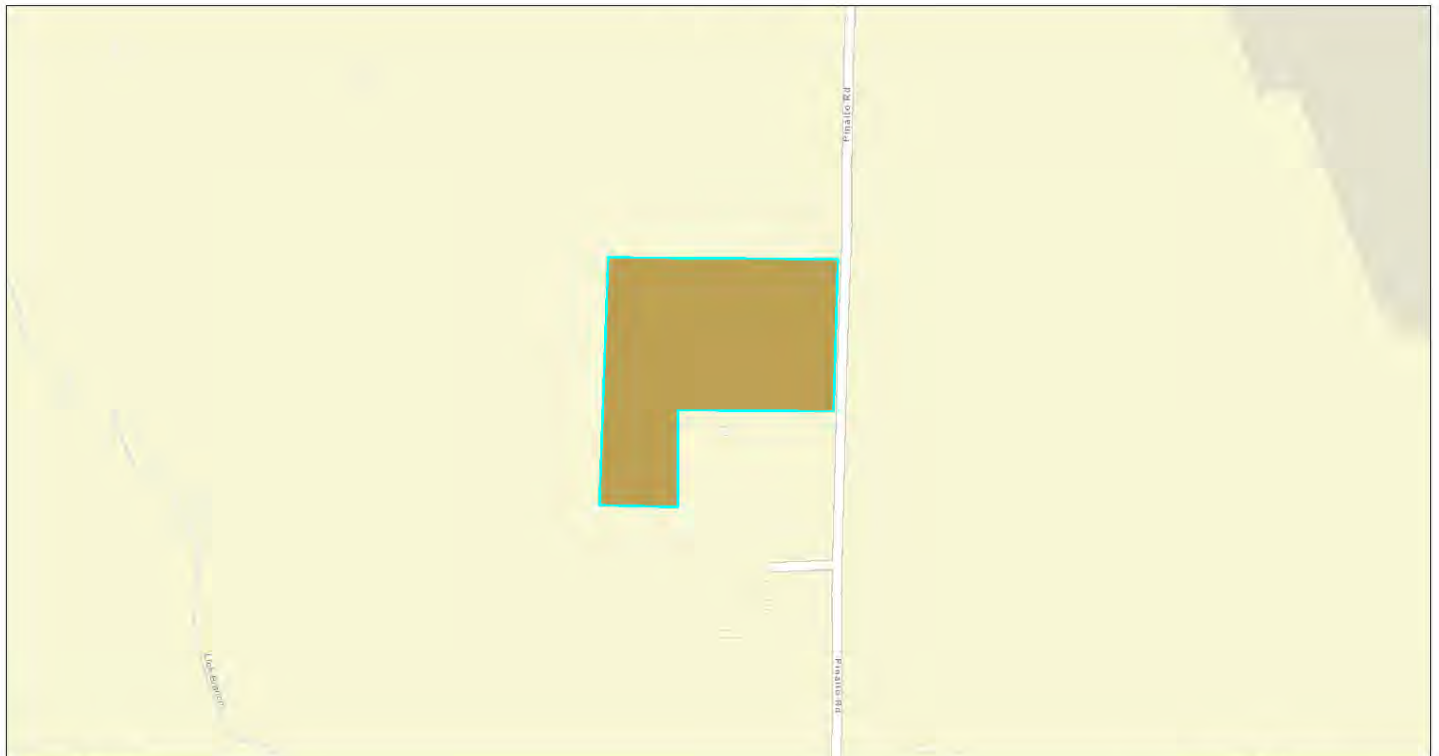
0 4,500 Feet



USGS The National Map: National Transportation Dataset; U.S. Census Bureau – TIGER/Line; U.S. Forest Service. Data Refreshed January, 2024., U. S. Geological Survey - National Geospatial Program. Data Refreshed January, 2024., USGS TNM – National Structures Dataset. Data Refreshed January, 2024., USGS The National Map: Geographic Names Information System. Data Refreshed January, 2024., USGS The National Map: National Boundaries Dataset. Data Refreshed January, 2024., USGS The National Map: 3D Elevation Program. Data Refreshed January, 2024., USGS TNM – National Hydrography Dataset. Data Refreshed January, 2024.

# NEPAssist Report

## A3 Landscape



February 27, 2024

Project 1  
xna\_site

1:5,733  
0 0.05 0.1 0.2 mi  
0 0.07 0.15 0.3 km

Esri Community Maps Contributors, Arkansas GIS Office, Missouri Dept. of Conservation, Missouri DNR, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, US Census Bureau,

Input Coordinates: 36.264736,-94.309729,36.262961,-94.309792,36.262976,-94.312047,36.261846,-94.312038,36.261867,-94.313178,36.264757,-94.313053,36.264736,-94.309729

Project Area	0.03 sq mi
Within an Ozone 1-hr (1979 standard) Non-Attainment/Maintenance Area?	no
Within an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within an Ozone 8-hr (2015 standard) Non-Attainment/Maintenance Area?	no
Within a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within a CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within a NO2 Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within a Federal Land?	no
Within an impaired stream?	no
Within an impaired waterbody?	no
Within a waterbody?	no
Within a stream?	no
Within an NWI wetland?	Available Online
Within a Brownfields site?	no
Within a Superfund site?	no

Within a Toxic Release Inventory (TRI) site?	no
Within a water discharger (NPDES)?	no
Within a hazardous waste (RCRA) facility?	no
Within an air emission facility?	no
Within a school?	no
Within an airport?	no
Within a hospital?	no
Within a designated sole source aquifer?	no
Within a historic property on the National Register of Historic Places?	no
Within a Land Cession Boundary?	yes
Within a tribal area (lower 48 states)?	no
Within the service area of a mitigation or conservation bank?	yes
Within the service area of an In-Lieu-Fee Program?	yes
Within a Public Property Boundary of the Formerly Used Defense Sites?	no
Within a Munitions Response Site?	no
Within an Essential Fish Habitat (EFH)?	no
Within a Habitat Area of Particular Concern (HAPC)?	no
Within an EFH Area Protected from Fishing (EFHA)?	no
Within a Bureau of Land Management Area of Critical Environmental Concern?	no
Within an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 2/27/2024 10:28:14 AM

## **APPENDIX D**



# National Flood Hazard Layer FIRMette



94°19'1"W 36°16'3"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap Imagery Source: USGS National Map 2023

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/26/2024 at 1:51 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





United States  
Department of  
Agriculture

NRCS

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for **Benton County, Arkansas**

## XNA Solar Facility



July 24, 2024

# Preface

---

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist ([http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2\\_053951](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951)).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

# Contents

---

<b>Preface</b> .....	2
<b>How Soil Surveys Are Made</b> .....	5
<b>Soil Map</b> .....	8
Soil Map.....	9
Legend.....	10
Map Unit Legend.....	11
Map Unit Descriptions.....	11
Benton County, Arkansas.....	13
NfC—Nixa very gravelly silt loam, 3 to 8 percent slopes.....	13
NfD—Nixa very gravelly silt loam, 8 to 12 percent slopes.....	14
TsC—Tonti gravelly silt loam, 3 to 8 percent slopes.....	16
<b>References</b> .....	18

# How Soil Surveys Are Made

---

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

## Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

# Soil Map

---

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



# Custom Soil Resource Report Soil Map



# Custom Soil Resource Report

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

 Blowout

 Borrow Pit


 Clay Spot


 Closed Depression

 Gravel Pit


 Gravelly Spot


 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop


 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other


 Special Line Features

### Water Features

 Streams and Canals


### Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Benton County, Arkansas  
Survey Area Data: Version 21, Sep 8, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 13, 2019—Sep 14, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
NfC	Nixa very gravelly silt loam, 3 to 8 percent slopes	6.4	35.5%
NfD	Nixa very gravelly silt loam, 8 to 12 percent slopes	0.4	2.2%
TsC	Tonti gravelly silt loam, 3 to 8 percent slopes	11.3	62.3%
<b>Totals for Area of Interest</b>		<b>18.1</b>	<b>100.0%</b>

## Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or

landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

## Benton County, Arkansas

### NfC—Nixa very gravelly silt loam, 3 to 8 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2rk3t  
*Elevation:* 920 to 1,530 feet  
*Mean annual precipitation:* 39 to 49 inches  
*Mean annual air temperature:* 54 to 59 degrees F  
*Frost-free period:* 172 to 232 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Nixa and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Nixa

##### Setting

*Landform:* Hillslopes  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Slope alluvium over pedis sediment over residuum weathered from limestone

##### Typical profile

*Oi - 0 to 1 inches:* slightly decomposed plant material  
*A - 1 to 3 inches:* very gravelly silt loam  
*E - 3 to 10 inches:* very gravelly silt loam  
*BE - 10 to 20 inches:* very gravelly silt loam  
*2Btx - 20 to 43 inches:* very gravelly silt loam  
*3Bt - 43 to 79 inches:* very gravelly clay

##### Properties and qualities

*Slope:* 3 to 8 percent  
*Depth to restrictive feature:* 11 to 30 inches to fragipan  
*Drainage class:* Moderately well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* About 9 to 28 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water supply, 0 to 60 inches:* Very low (about 1.9 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 4s  
*Hydrologic Soil Group:* D  
*Ecological site:* F116BY004MO - Low-Base Chert Upland Woodland,  
F116AY012MO - Low-Base Chert Upland Woodland

## Custom Soil Resource Report

*Other vegetative classification:* Trees/Timber (Woody Vegetation)  
*Hydric soil rating:* No

### Minor Components

#### Bendavis

*Percent of map unit:* 10 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* F116AY013MO - Low-Base Chert Protected Backslope Woodland,  
F116AY049MO - Low-Base Chert Exposed Backslope Woodland  
*Other vegetative classification:* Trees/Timber (Woody Vegetation)  
*Hydric soil rating:* No

### NfD—Nixa very gravelly silt loam, 8 to 12 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2rk3v  
*Elevation:* 460 to 2,150 feet  
*Mean annual precipitation:* 44 to 50 inches  
*Mean annual air temperature:* 55 to 59 degrees F  
*Frost-free period:* 180 to 220 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Nixa and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Nixa

##### Setting

*Landform:* Hillslopes  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Nose slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Slope alluvium over pedis sediment over residuum weathered from limestone

##### Typical profile

*Oi - 0 to 1 inches:* slightly decomposed plant material  
*A - 1 to 3 inches:* very gravelly silt loam  
*E - 3 to 10 inches:* very gravelly silt loam  
*BE - 10 to 18 inches:* very gravelly silt loam  
*2Btx - 18 to 43 inches:* very gravelly silt loam  
*3Bt - 43 to 79 inches:* very gravelly clay

## Custom Soil Resource Report

### Properties and qualities

*Slope:* 8 to 12 percent  
*Depth to restrictive feature:* 11 to 30 inches to fragipan  
*Drainage class:* Moderately well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* About 9 to 28 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water supply, 0 to 60 inches:* Very low (about 1.8 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 4s  
*Hydrologic Soil Group:* D  
*Ecological site:* F116AY012MO - Low-Base Chert Upland Woodland  
*Hydric soil rating:* No

### Minor Components

#### Noark

*Percent of map unit:* 5 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Ecological site:* F116AY012MO - Low-Base Chert Upland Woodland  
*Other vegetative classification:* Trees/Timber (Woody Vegetation)  
*Hydric soil rating:* No

#### Clarksville

*Percent of map unit:* 5 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Nose slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* F116AY012MO - Low-Base Chert Upland Woodland  
*Hydric soil rating:* No

#### Bendavis

*Percent of map unit:* 5 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Ecological site:* F116AY012MO - Low-Base Chert Upland Woodland  
*Hydric soil rating:* No

## **TsC—Tonti gravelly silt loam, 3 to 8 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 2ybm

*Elevation:* 300 to 740 feet

*Mean annual precipitation:* 35 to 52 inches

*Mean annual air temperature:* 47 to 70 degrees F

*Frost-free period:* 183 to 270 days

*Farmland classification:* Farmland of statewide importance

### **Map Unit Composition**

*Tonti and similar soils:* 85 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Tonti**

#### **Setting**

*Landform:* Hills

*Landform position (two-dimensional):* Summit

*Landform position (three-dimensional):* Interfluve

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Loamy residuum weathered from cherty limestone

#### **Typical profile**

*Ap - 0 to 10 inches:* gravelly silt loam

*Bt1 - 10 to 20 inches:* silty clay loam

*2Btx - 20 to 36 inches:* gravelly silt loam

*3Bt2 - 36 to 70 inches:* very gravelly clay

*3R - 70 to 80 inches:* bedrock

#### **Properties and qualities**

*Slope:* 3 to 8 percent

*Depth to restrictive feature:* 13 to 25 inches to fragipan; 60 to 79 inches to lithic bedrock

*Drainage class:* Moderately well drained

*Runoff class:* High

*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)

*Depth to water table:* About 18 to 30 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water supply, 0 to 60 inches:* Low (about 3.5 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 3e

*Hydrologic Soil Group:* C



## Custom Soil Resource Report

*Ecological site:* F116AY004MO - Fragipan Upland Woodland

*Hydric soil rating:* No

### Minor Components

#### **Captina**

*Percent of map unit:* 10 percent

*Landform:* Hillslopes

*Landform position (two-dimensional):* Backslope

*Landform position (three-dimensional):* Nose slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Ecological site:* F116AY004MO - Fragipan Upland Woodland

*Other vegetative classification:* Mixed/Transitional (Mixed Native Vegetation)

*Hydric soil rating:* No

#### **Scholten**

*Percent of map unit:* 3 percent

*Landform:* Hillslopes

*Landform position (two-dimensional):* Shoulder

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Ecological site:* F116AY012MO - Low-Base Chert Upland Woodland

*Other vegetative classification:* Trees/Timber (Woody Vegetation)

*Hydric soil rating:* No

#### **Clarksville**

*Percent of map unit:* 2 percent

*Landform:* Hillslopes

*Landform position (two-dimensional):* Shoulder

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Convex

*Across-slope shape:* Convex

*Ecological site:* F116AY012MO - Low-Base Chert Upland Woodland

*Other vegetative classification:* Trees/Timber (Woody Vegetation)

*Hydric soil rating:* No

# References

---

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_054262](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262)
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053577](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577)
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053580](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580)
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2\\_053374](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374)
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

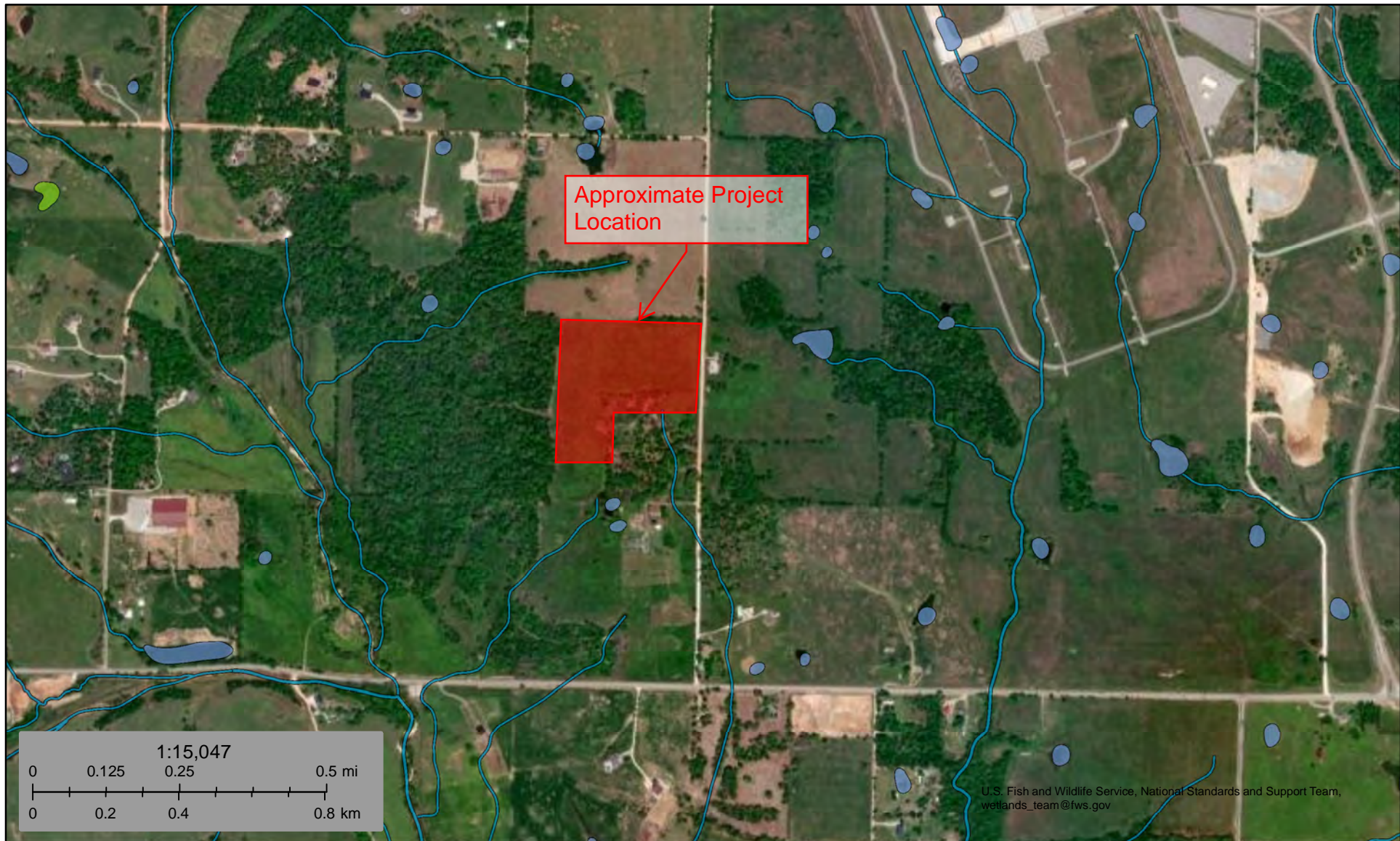
## Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2\\_054242](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242)

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053624](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624)







United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. [http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs142p2\\_052290.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf)

## **APPENDIX E**



February 26, 2024

Wetlands

- |   |                                |   |                                   |   |          |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland       |  | Lake     |
|  | Estuarine and Marine Wetland   |  | Freshwater Forested/Shrub Wetland |  | Other    |
|   |                                |  | Freshwater Pond                   |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

## **APPENDIX F**





## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Arkansas Ecological Services Field Office  
110 South Amity Suite 300  
Conway, AR 72032-8975  
Phone: (501) 513-4470 Fax: (501) 513-4480



In Reply Refer To:  
Project Code: 2024-0054407  
Project Name: XNA Solar Facility

February 26, 2024

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

### To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

**Migratory Birds:** In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.



Attachment(s):

- Official Species List

## OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Arkansas Ecological Services Field Office**

110 South Amity Suite 300

Conway, AR 72032-8975

(501) 513-4470

## PROJECT SUMMARY

Project Code: 2024-0054407  
Project Name: XNA Solar Facility  
Project Type: New Constr - Above Ground  
Project Description: Above ground  
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@36.2632939,-94.31144123343653,14z>



Counties: Benton County, Arkansas

## ENDANGERED SPECIES ACT SPECIES

There is a total of 13 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## MAMMALS

NAME	STATUS
Gray Bat <i>Myotis grisescens</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6329">https://ecos.fws.gov/ecp/species/6329</a>	Endangered
Indiana Bat <i>Myotis sodalis</i> There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/5949">https://ecos.fws.gov/ecp/species/5949</a>	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Endangered
Ozark Big-eared Bat <i>Corynorhinus (=Plecotus) townsendii ingens</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7245">https://ecos.fws.gov/ecp/species/7245</a>	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

## BIRDS

NAME	STATUS
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10477">https://ecos.fws.gov/ecp/species/10477</a>	Threatened
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is <b>final</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/6039">https://ecos.fws.gov/ecp/species/6039</a>	Threatened
Rufa Red Knot <i>Calidris canutus rufa</i> There is <b>proposed</b> critical habitat for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/1864">https://ecos.fws.gov/ecp/species/1864</a>	Threatened

## REPTILES

NAME	STATUS
Alligator Snapping Turtle <i>Macrochelys temminckii</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/4658">https://ecos.fws.gov/ecp/species/4658</a>	Proposed Threatened

## FISHES

NAME	STATUS
Ozark Cavefish <i>Amblyopsis rosae</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/6490">https://ecos.fws.gov/ecp/species/6490</a>	Threatened

## INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## CRUSTACEANS

NAME	STATUS
Benton County Cave Crayfish <i>Cambarus aculabrum</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/5011">https://ecos.fws.gov/ecp/species/5011</a>	Endangered

## FLOWERING PLANTS

NAME	STATUS
Missouri Bladderpod <i>Physaria filiformis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/5361">https://ecos.fws.gov/ecp/species/5361</a>	Threatened

## CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

## **IPAC USER CONTACT INFORMATION**

Agency: Rural Utilities Service  
Name: Kathrine Alvarez  
Address: 1550 East Republic Road  
City: Springfield  
State: MO  
Zip: 65804  
Email: kalvarez@tothassociates.com  
Phone: 4178880645



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Arkansas Ecological Services Field Office  
110 South Amity Suite 300  
Conway, AR 72032-8975  
Phone: (501) 513-4470 Fax: (501) 513-4480



In Reply Refer To:  
Project code: 2024-0054407  
Project Name: XNA Solar Facility

February 27, 2024

Federal Nexus: yes  
Federal Action Agency (if applicable): Rural Utilities Service

**Subject:** Record of project representative's no effect determination for 'XNA Solar Facility'

Dear Kathrine Alvarez:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on February 27, 2024, for 'XNA Solar Facility' (here forward, Project). This project has been assigned Project Code 2024-0054407 and all future correspondence should clearly reference this number. **Please carefully review this letter.**

### **Ensuring Accurate Determinations When Using IPaC**

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into IPaC must accurately represent the full scope and details of the Project.

Failure to accurately represent or implement the Project as detailed in IPaC or the Northern Long-eared Bat Rangewide Determination Key (Dkey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid.***

### **Determination for the Northern Long-Eared Bat**

Based upon your IPaC submission and a standing analysis, your project has reached the determination of "No Effect" on the northern long-eared bat. To make a no effect determination, the full scope of the proposed project implementation (action) should not have any effects (either positive or negative), to a federally listed species or designated critical habitat. Effects of the action are all consequences to listed species or critical habitat that are caused by the proposed action, including the consequences of other activities that are caused by the proposed action. A

consequence is caused by the proposed action if it would not occur but for the proposed action and it is reasonably certain to occur. Effects of the action may occur later in time and may include consequences occurring outside the immediate area involved in the action. (See § 402.17).

Under Section 7 of the ESA, if a federal action agency makes a no effect determination, no consultation with the Service is required (ESA §7). If a proposed Federal action may affect a listed species or designated critical habitat, formal consultation is required except when the Service concurs, in writing, that a proposed action "is not likely to adversely affect" listed species or designated critical habitat [50 CFR §402.02, 50 CFR§402.13].

### **Other Species and Critical Habitat that May be Present in the Action Area**

The IPaC-assisted determination for the northern long-eared bat does not apply to the following ESA-protected species and/or critical habitat that also may occur in your Action area:

- Alligator Snapping Turtle *Macrochelys temminckii* Proposed Threatened
- Benton County Cave Crayfish *Cambarus aculabrum* Endangered
- Eastern Black Rail *Laterallus jamaicensis ssp. jamaicensis* Threatened
- Gray Bat *Myotis grisescens* Endangered
- Indiana Bat *Myotis sodalis* Endangered
- Missouri Bladderpod *Physaria filiformis* Threatened
- Monarch Butterfly *Danaus plexippus* Candidate
- Ozark Big-eared Bat *Corynorhinus (=Plecotus) townsendii ingens* Endangered
- Ozark Cavefish *Amblyopsis rosae* Threatened
- Piping Plover *Charadrius melodus* Threatened
- Rufa Red Knot *Calidris canutus rufa* Threatened
- Tricolored Bat *Perimyotis subflavus* Proposed Endangered

You may coordinate with our Office to determine whether the Action may affect the animal species listed above and, if so, how they may be affected.

### **Next Steps**

Based upon your IPaC submission, your project has reached the determination of “No Effect” on the northern long-eared bat. If there are no updates on listed species, no further consultation/coordination for this project is required with respect to the northern long-eared bat. However, the Service recommends that project proponents re-evaluate the Project in IPaC if: 1) the scope, timing, duration, or location of the Project changes (includes any project changes or amendments); 2) new information reveals the Project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional coordination with the Service should take place to ensure compliance with the Act.



If you have any questions regarding this letter or need further assistance, please contact the Arkansas Ecological Services Field Office and reference Project Code 2024-0054407 associated with this Project.

**Action Description**

You provided to IPaC the following name and description for the subject Action.

**1. Name**

XNA Solar Facility

**2. Description**

The following description was provided for the project 'XNA Solar Facility':

Above ground

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@36.2632939,-94.31144123343653,14z>



## DETERMINATION KEY RESULT

Based on the information you provided, you have determined that the Proposed Action will have no effect on the Endangered northern long-eared bat (*Myotis septentrionalis*). Therefore, no consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required for those species.

## QUALIFICATION INTERVIEW

1. Does the proposed project include, or is it reasonably certain to cause, intentional take of the northern long-eared bat or any other listed species?

**Note:** Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species?

No

2. The action area does not overlap with an area for which U.S. Fish and Wildlife Service currently has data to support the presumption that the northern long-eared bat is present. Are you aware of other data that indicates that northern long-eared bats (NLEB) are likely to be present in the action area?

Bat occurrence data may include identification of NLEBs in hibernacula, capture of NLEBs, tracking of NLEBs to roost trees, or confirmed NLEB acoustic detections. Data on captures, roost tree use, and acoustic detections should post-date the year when white-nose syndrome was detected in the relevant state. With this question, we are looking for data that, for some reason, may have not yet been made available to U.S. Fish and Wildlife Service.

No

3. Does any component of the action involve construction or operation of wind turbines?

**Note:** For federal actions, answer 'yes' if the construction or operation of wind power facilities is either (1) part of the federal action or (2) would not occur but for a federal agency action (federal permit, funding, etc.).

No

4. Is the proposed action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

Yes

5. Is the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), or Federal Transit Administration (FTA) funding or authorizing the proposed action, in whole or in part?

No

6. Are you an employee of the federal action agency or have you been officially designated in writing by the agency as its designated non-federal representative for the purposes of Endangered Species Act Section 7 informal consultation per 50 CFR § 402.08?

**Note:** This key may be used for federal actions and for non-federal actions to facilitate section 7 consultation and to help determine whether an incidental take permit may be needed, respectively. This question is for information purposes only.

No

7. Is the lead federal action agency the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC)? Is the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC) funding or authorizing the proposed action, in whole or in part?

No

8. Is the lead federal action agency the Federal Energy Regulatory Commission (FERC)?

No

9. Have you determined that your proposed action will have no effect on the northern long-eared bat? Remember to consider the [effects of any activities](#) that would not occur but for the proposed action.

If you think that the northern long-eared bat may be affected by your project or if you would like assistance in deciding, answer “No” below and continue through the key. If you have determined that the northern long-eared bat does not occur in your project’s action area and/or that your project will have no effects whatsoever on the species despite the potential for it to occur in the action area, you may make a “no effect” determination for the northern long-eared bat.

**Note:** Federal agencies (or their designated non-federal representatives) must consult with USFWS on federal agency actions that may affect listed species [50 CFR 402.14(a)]. Consultation is not required for actions that will not affect listed species or critical habitat. Therefore, this determination key will not provide a consistency or verification letter for actions that will not affect listed species. If you believe that the northern long-eared bat may be affected by your project or if you would like assistance in deciding, please answer “No” and continue through the key. Remember that this key addresses only effects to the northern long-eared bat. Consultation with USFWS would be required if your action may affect another listed species or critical habitat. The definition of [Effects of the Action](#) can be found here: <https://www.fws.gov/media/northern-long-eared-bat-assisted-determination-key-selected-definitions>

Yes

## PROJECT QUESTIONNAIRE

Will all project activities be completed by April 1, 2024?

*No*

## **IPAC USER CONTACT INFORMATION**

Agency: Rural Utilities Service

Name: Kathrine Alvarez

Address: 1550 East Republic Road

City: Springfield

State: MO

Zip: 65804

Email: kalvarez@tothassociates.com

Phone: 4178880645



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Arkansas Ecological Services Field Office  
110 South Amity Suite 300  
Conway, AR 72032-8975  
Phone: (501) 513-4470 Fax: (501) 513-4480



In Reply Refer To:  
Project code: 2024-0054407  
Project Name: XNA Solar Facility

February 26, 2024

Subject: Consistency letter for 'XNA Solar Facility' for specified federally threatened and endangered species and designated critical habitat that may occur in your proposed project area consistent with the Arkansas Determination Key for project review and guidance for federally listed species (Arkansas Dkey).

Dear Kathrine Alvarez:

The U.S. Fish and Wildlife Service (Service) received on **February 26, 2024** your effect determination(s) for the 'XNA Solar Facility' (the Action) using the Arkansas DKey within the Information for Planning and Consultation (IPaC) system. The Service developed this system in accordance with the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based on your answers and the assistance in the Service's Arkansas DKey, you made the following effect determination(s) for the proposed Action:

Species	Listing Status	Determination
Benton County Cave Crayfish ( <i>Cambarus aculabrum</i> )	Endangered	NLAA
Eastern Black Rail ( <i>Laterallus jamaicensis ssp. jamaicensis</i> )	Threatened	No effect
Gray Bat ( <i>Myotis grisescens</i> )	Endangered	NLAA
Indiana Bat ( <i>Myotis sodalis</i> )	Endangered	May affect
Missouri Bladderpod ( <i>Physaria filiformis</i> )	Threatened	NLAA
Ozark Big-eared Bat ( <i>Corynorhinus (=Plecotus) townsendii ingens</i> )	Endangered	NLAA
Ozark Cavefish ( <i>Amblyopsis rosae</i> )	Threatened	NLAA
Piping Plover ( <i>Charadrius melodus</i> )	Threatened	No effect
Rufa Red Knot ( <i>Calidris canutus rufa</i> )	Threatened	No effect

**Status**

**Consultation with the Service is not complete.** Further consultation or coordination with the Arkansas Ecological Services Office is necessary for those species with a determination of “may affect” (MA) listed above. Please contact our office at 501-513-4470, [arkansas\\_es\\_clearance@fws.gov](mailto:arkansas_es_clearance@fws.gov), or your agency point of contact in the Arkansas Ecological Services Office to discuss methods to avoid or minimize potential adverse effects to those species.

The Service concurs with the NLAA determination(s) for the species listed above. Your agency has met consultation requirements by informing the Service of the “No Effect” determinations. No further consultation for this project is required for these species. This letter confirms you may rely on effect determinations provided in the Arkansas Determination Key for project review and guidance for federally listed species to satisfy agency consultation requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.; ESA).

The Service recommends that your agency contact the Arkansas Ecological Services Field Office or re-evaluate this key in IPaC if: 1) the scope, timing, duration, or location of the proposed project changes; 2) new information reveals the action may affect listed species or designated critical habitat; 3) a new species is listed or critical habitat designated. If any of the above conditions occurs, additional consultation with the Arkansas Ecological Services Field Office should take place before project changes are final or resources committed.

This letter only covers the listed species in the above table. The following species may also occur in the Action area:

- Alligator Snapping Turtle *Macrochelys temminckii* Proposed Threatened
- Monarch Butterfly *Danaus plexippus* Candidate
- Northern Long-eared Bat *Myotis septentrionalis* Endangered
- Tricolored Bat *Perimyotis subflavus* Proposed Endangered

If you determine your project may affect additional listed or proposed listed species not covered by the Arkansas ESFO DKey, please contact our office at 501-513-4470, [arkansas\\_es\\_clearance@fws.gov](mailto:arkansas_es_clearance@fws.gov), or your agency point of contact Arkansas ESFO to discuss methods to avoid or minimize potential adverse effects to those species. Candidate species are not afforded protection under the ESA; however, we recommend they be considered in project planning and that conservation measures be implemented to avoid or minimize impacts to individuals or their habitat as much as possible.

**Bald and Golden Eagle Protection Act:** The following resources are provided to project proponents and consulting agencies as additional information. Bald and golden eagles are not included in this section 7(a)(2) consultation and this information does not constitute a determination of effects by the Service.

The Service developed the National Bald Eagle Management Guidelines to advise landowners, land managers, and others who share public and private lands with Bald Eagles when and under what circumstances the protective provisions of the Bald and Golden Eagle Protection Act may apply to their activities. The guidelines should be consulted prior to conducting new or



intermittent activity near an eagle nest. Activity specific guidelines begin on page 10 of the document. To access a copy of the National Bald Eagle Management Guidelines please visit the Service's Bald and Golden Eagle Management webpage and scroll down to the Guidance and Tools section: <https://www.fws.gov/library/collections/bald-and-golden-eagle-management>

If the recommendations detailed in the National Bald Eagle Management Guidelines cannot be followed, you may apply for a permit to authorize removal or relocation of an eagle nest in certain instances. To obtain an application form or contact information for Regional Migratory Bird Permit Offices please visit the Service's Bald and Golden Eagle Management webpage and scroll down to the Permits section: <https://www.fws.gov/library/collections/bald-and-golden-eagle-management>

**Action Description**

You provided to IPaC the following name and description for the subject Action.

**1. Name**

XNA Solar Facility

**2. Description**

The following description was provided for the project 'XNA Solar Facility':

Above ground

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@36.2632939,-94.31144123343653,14z>



**Species Protection Measures**

Gray Bat

<https://www.fws.gov/southeast/pdf/species-protective-measures/gray-bat.pdf>

Ozark Big-eared Bat

<https://www.fws.gov/southeast/pdf/species-protective-measures/ozark-big-eared-bat.pdf>

Benton County Cave Crayfish

<https://www.fws.gov/southeast/pdf/species-protective-measures/benton-county-cave-crayfish-hell-creek-cave-crayfish-ozark-crayfish.pdf>

Ozark cavefish

<https://www.fws.gov/southeast/pdf/species-protective-measures/benton-county-cave-crayfish-hell-creek-cave-crayfish-ozark-crayfish.pdf>

## QUALIFICATION INTERVIEW

1. Have you made an effects determination of "no effect" for all species in the area of the project? A "no effect" determination means the project will have no beneficial effect, no short-term adverse effects, and no long-term adverse effects on any of the species on the IPaC-generated species list for the proposed project or those species habitat. A project with effects that cannot be meaningfully measured, detected or evaluated, effects that are extremely unlikely to occur, or entirely beneficial effects should not have a "no effect" determination. (If unsure, select "No").

No

2. Is the action authorized, funded, or being carried out by a Federal agency?

Yes

3. Are you the the action agency or the designated non-federal representative?

Yes

4. Choose the agency you represent in this consultation with the U.S. Fish and Wildlife Service:

*g. All other federal agencies or agency designees*

5. [Semantic] Does the project intersect designated critical habitat for the Leopard Darter?

**Automatically answered**

No

6. [Semantic] Does the project intersect designated critical habitat for the Neosho Mucket?

**Automatically answered**

No

7. [Semantic] Does the project intersect designated critical habitat for Yellowcheek Darter?

**Automatically answered**

No

8. [Semantic] Does the project intersect designated critical habitat for Rabbitsfoot?

**Automatically answered**

No

9. [Semantic] Does the project intersect the American burying beetle consultation area?

**Automatically answered**

No

10. [Semantic] Does the project intersect the red-cockaded woodpecker AOI?

**Automatically answered**

No

11. [Semantic] Does the project intersect the Eastern black rail AOI?

**Automatically answered**

Yes

12. Will the project take place in freshwater herbaceous wetlands and/or wet prairies?  
*No*
13. [Semantic] Does the project intersect the red knot AOI?  
**Automatically answered**  
*Yes*
14. Will the project affect sand and gravel areas or shorelines along rivers, lakes, or reservoirs?  
*No*
15. Does the project take place in marshy or flooded open field habitat?  
*No*
16. [Semantic] Does the project intersect the Piping Plover AOI?  
**Automatically answered**  
*Yes*
17. [Semantic] Does the project intersect the Whooping Crane AOI?  
**Automatically answered**  
*No*
18. [Semantic] Does the project intersect the interior least tern AOI?  
**Automatically answered**  
*No*
19. [Semantic] Does the project intersect the Gray Bat AOI?  
**Automatically answered**  
*Yes*
20. Are there any caves within 0.5 mile of the project area?  
*No*
21. Does the project occur in a subdivision or urban area (housing on 0.5 acres or less and/or structures present)?  
*No*
22. Does the project involve blasting of any type or tree removal of greater than 10 acres?  
*No*
23. [Semantic] Does the project intersect the Gray Bat 1-mile buffer?  
**Automatically answered**  
*No*
24. Will the activity affect the roosting environment of cave or karst feature-dwelling bats (e.g., prescribed fire where smoke may enter hibernacula, filling of karst feature with material or liquid of any type, change in the structure or opening of the cave or feature)?  
*No*
25. Will the project proponents follow all applicable species [protective measures](#) for Gray Bats?  
*Yes*

26. [Semantic] Does the project intersect the Ozark Big-eared Bat AOI?  
**Automatically answered**  
Yes
27. [Sematic (same answer as question "13.2")] Is there a cave known on the site or within 0.5 mile of the project area?  
**Automatically answered**  
No
28. [Sematic (same answer as question "13.2.1")] Does the project occur in a subdivision or urban area?  
**Automatically answered**  
No
29. [Sematic (same answer as question "13.3")] Does the project involve blasting of any type or tree removal of greater than 10 acres?  
**Automatically answered**  
No
30. [Semantic] Does the project intersect the Ozark Big-eared Bat cAOI?  
**Automatically answered**  
No
31. [Semantic (same as answer as question "13.5" )] Will the activity affect the roosting environment of cave-dwelling bats (e.g., prescribed fire where smoke may enter hibernacula, filling of karst feature with material or liquid of any type, change in the structure or opening of the cave or feature)?  
**Automatically answered**  
No
32. Will the project proponents follow all applicable species [protective measures](#) for Ozark Big-eared Bats?  
Yes
33. [Semantic] Does the project intersect the Indiana bat AOI?  
**Automatically answered**  
Yes
34. [Sematic (same answer as question "13.2" or "14.4")] Are there any caves within 0.5 mile of the project area?  
**Automatically answered**  
No
35. [Sematic (same answer as question "13.2.1" or ""14.7")] Does the project occur in a subdivision or urban area?  
**Automatically answered**  
No

36. [Sematic (same answer as question "13.3" or "14.10")] Does the project involve blasting of any type or tree removal of greater than 10 acres?

**Automatically answered**

No

37. [Sematic] Does the project intersect the Indiana Bat cAOI?

**Automatically answered**

Yes

38. [Sematic] Does the project intersect the Benton County Cave Crayfish AOI?

**Automatically answered**

Yes

39. Does the project involve the manufacturing, storage, or disposal of chemicals, hazardous materials, waste products, or other pollutants that may adversely affect water quality?

No

40. Will project proponents follow Species [Protective Measures](#) for avoidance and minimization measures for cave obligate species in Arkansas?

Yes

41. [Sematic] Does the project intersect the Hell Creek Cave Crayfish AOI?

**Automatically answered**

No

42. [Sematic] Does the project intersect the Ozark cavefish AOI?

**Automatically answered**

Yes

43. [Sematic] Does the project intersect the TriCity shapefile?

**Automatically answered**

No

44. [Sematic (Same answer as "17.1.3" or "18.3")] Does the project involve the manufacturing, storage, or disposal of chemicals, hazardous materials, waste products, or other pollutants that may adversely affect water quality?

**Automatically answered**

No

45. [Sematic] Does the project intersect the Ozark cavefish standard AOI?

**Automatically answered**

No

46. [Sematic (same answer as "17.4" or "18.10")] Will project proponents follow Species [Protective Measures](#) for avoidance and minimization measures for cave obligate species in Arkansas?

**Automatically answered**

Yes

47. [Semantic] Does the project intersect the Missouri bladderpod AOI?

**Automatically answered**

*Yes*

48. Is the proposed project in or near an open glade (an area with thin, poor soil and bedrock close to the surface or in rocky outcrops) or in shale barrens (Ouachita Mountains ecoregion)?

*Yes*

49. Will project proponents implement [Species Protective Measures for Missouri Bladderpod?](#)

*Yes*

50. [Semantic] Does the project intersect the Geocarpon AOI?

**Automatically answered**

*No*

51. [Semantic] Does the project intersect the running buffalo clover AOI?

**Automatically answered**

*No*

52. [Semantic] Does the project intersect the Pondberry AOI?

**Automatically answered**

*No*



**EMAIL CONSULTATION WITH USFWS ARKANSAS  
ECOLOGICAL SERVICES FIELD OFFICE REGARDING MAY  
AFFECT DETERMINATION FOR INDIANA BAT**

## Will Deckard

---

**From:** Ardapple-Kindberg, Pedro <pedro\_ardapple-kindberg@fws.gov>  
**Sent:** Monday, July 22, 2024 3:08 PM  
**To:** Will Deckard; Huffstutler, Garrett L  
**Cc:** Kathrine Alvarez; Matt Miller  
**Subject:** Re: [EXTERNAL] RE: XNA Solar Facility

**\*EXTERNAL EMAIL\***

Will,

Thank you for sharing the preliminary plan. We have several negative bat surveys in that area so I believe a MA, NLAA would be appropriate for Indiana and Northern long-eared bats. Establishing pollinator habitat would be great. Is this something XNA is interested in doing throughout their property? If so, there could be some significant conservation benefits and the Partners for Fish and Wildlife Program would be interested in helping with costs.

Thank you,  
Pedro Ardapple

---

**From:** Will Deckard <wdeckard@tothassociates.com>  
**Sent:** Monday, July 22, 2024 2:34 PM  
**To:** Huffstutler, Garrett L <garrett\_huffstutler@fws.gov>  
**Cc:** Kathrine Alvarez <kalvarez@tothassociates.com>; Matt Miller <mmiller@tothassociates.com>; Ardapple-Kindberg, Pedro <pedro\_ardapple-kindberg@fws.gov>  
**Subject:** RE: [EXTERNAL] RE: XNA Solar Facility

Mr. Huffstutler,

I appreciate your quick response on this! I have attached a preliminary site plan from the client. Hopefully this is sufficient for what you're needing.

Thanks,

**Will Deckard PE**  
Planning Engineer

1550 E. Republic Road  
Springfield, MO 65804  
Office: 417.888.0645  
Fax: 417.888.0657  
[tothassociates.com](http://tothassociates.com)

---

**From:** Huffstutler, Garrett L <garrett\_huffstutler@fws.gov>  
**Sent:** Monday, July 22, 2024 2:29 PM  
**To:** Will Deckard <wdeckard@tothassociates.com>  
**Cc:** Kathrine Alvarez <kalvarez@tothassociates.com>; Matt Miller <mmiller@tothassociates.com>; Ardapple-Kindberg, Pedro <pedro\_ardapple-kindberg@fws.gov>  
**Subject:** RE: [EXTERNAL] RE: XNA Solar Facility

**\*EXTERNAL EMAIL\***

Mr. Deckard,

Thank you for the information. Since this is a relatively small project with <10 acres of tree clearing I would concur with a “may affect, not likely to adversely affect” for Indiana Bats. Could you send the engineering plans for this project? This is a karst recharge zone, and I would like to see the extent of the underground infrastructure that will be constructed. Thank you.

Garett Huffstutler  
Fish and Wildlife Biologist  
U.S. Fish and Wildlife Service  
Arkansas Ecological Services Field Office  
110 South Amity Road, Suite 300  
Conway, AR 72032

---

**From:** Will Deckard <[wdeckard@tothassociates.com](mailto:wdeckard@tothassociates.com)>  
**Sent:** Monday, July 22, 2024 7:36 AM  
**To:** Huffstutler, Garrett L <[garett\\_huffstutler@fws.gov](mailto:garett_huffstutler@fws.gov)>  
**Cc:** Kathrine Alvarez <[kalvarez@tothassociates.com](mailto:kalvarez@tothassociates.com)>; Matt Miller <[mmiller@tothassociates.com](mailto:mmiller@tothassociates.com)>  
**Subject:** [EXTERNAL] RE: XNA Solar Facility

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Garett,

FYI this is the information of the XNA project that I have:

XNA information

- -the acreage of the project: PROJECT FENCED AREA 17.31 AC
- -the type of ground cover: Native habitat (currently a hay field)
- -if TPI would be open to establishing pollinator habitat in the area: TPI is open to establishing a pollinator habitat and will work with our grounds maintainer to do so. Please provide specific guidance if any exist.

Please advise on the Indiana Bat “May Affect” determination.

Thank you,

**Will Deckard PE**  
Planning Engineer

1550 E. Republic Road  
Springfield, MO 65804  
Office: 417.888.0645  
Fax: 417.888.0657  
[tothassociates.com](http://tothassociates.com)

---

**From:** Will Deckard <[wdeckard@tothassociates.com](mailto:wdeckard@tothassociates.com)>  
**Sent:** Friday, July 19, 2024 8:20 AM  
**To:** Huffstutler, Garrett L <[garett\\_huffstutler@fws.gov](mailto:garett_huffstutler@fws.gov)>



Species Results

BCR(s): 24-CENTRAL\_HARDWOODS  
State(s): AR



Acadian  
Flycatcher  
*Empidonax  
virescens*

Global: 5,200,000  
Continental U.S. & Canada:  
5,200,000

State Threatened: WI



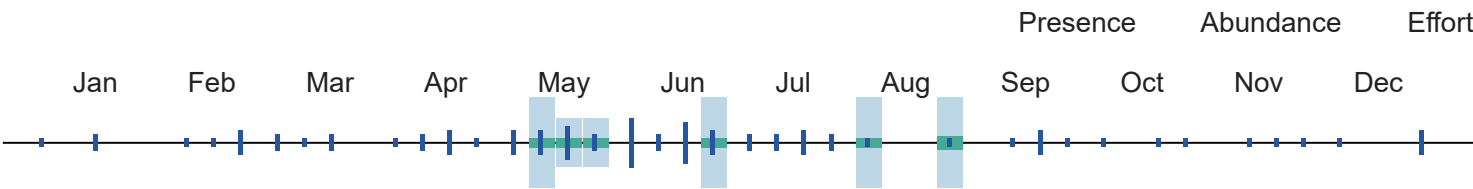
Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : ACFL	<i>Weight</i> <sup>2</sup> : 11.1 - 13.9 g
	<i>Length</i> <sup>2</sup> : 14 - 15 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Forests	<i>Global Population</i> <sup>4</sup> : 5,200,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Eastern	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 4,700,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 5,800,000
	<i>Continental Population Trend</i> <sup>4</sup> : Small increase or stable
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available
	<i>% BCR Population</i> <sup>3</sup> : BCR 24 - 18.46%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 730,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 1,200,000
	<i>% State Population (USA only)</i> <sup>3</sup> : AR - 5.58%
	Lower 95% Bound State <sup>3</sup> : AR - 180,000
	Upper 95% Bound State <sup>3</sup> : AR - 410,000

Biology


Conservation Status

<i>Food Category</i> <sup>2</sup> : Insects	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Flycatching	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Tree	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 13 - 15 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 2 - 3 eggs	<i>State Threatened</i> <sup>7</sup> : WI
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Creamy to buffy white with some small brownish spots at larger end.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.6 - 2 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.2 - 1.5 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : 15-May	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 15-Aug	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



American Crow

Corvus

Global: 29,000,000

Continental U.S. & Canada: 29,000,000

Common

^

*brachyrhynchos*

Alpha Code

Physical Details

<i>Alpha Code</i> <sup>1</sup> : AMCR	<i>Weight</i> <sup>2</sup> : 316 - 620 g
	<i>Length</i> <sup>2</sup> : 40 - 53 cm

Habitat

Population Information

<i>Habitat Category</i> <sup>2</sup> : Open Woodlands	<i>Global Population</i> <sup>4</sup> : 29,000,000
---	--

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat Mosaic

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 26,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 30,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 4.83%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 1,200,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,700,000

% State Population (USA only)<sup>3</sup>: AR - 2.21%  
Lower 95% Bound State<sup>3</sup>: AR - 470,000  
Upper 95% Bound State<sup>3</sup>: AR - 860,000

Biology

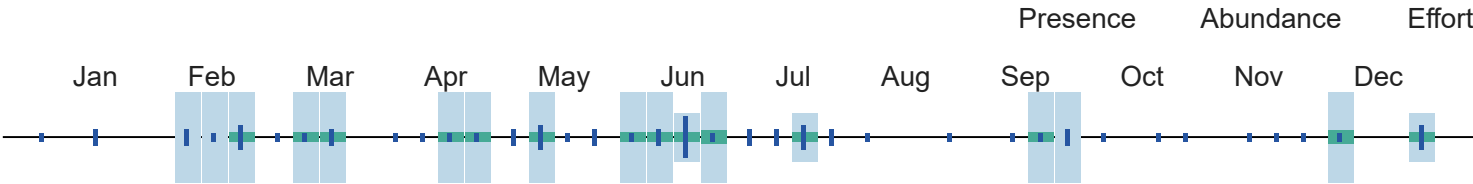
Food Category<sup>2</sup>: Omnivore  
Behavior Category<sup>2</sup>: Ground Forager  
Nesting Category<sup>2</sup>: Tree  
Incubation Period<sup>2</sup>: 16 - 18 days  
Clutch Size<sup>2</sup>: 3 - 9 eggs  
Number of Broods<sup>2</sup>: 1 - 2  
Egg description<sup>2</sup>: Pale bluish-green to olive green with blotches of brown and gray toward the large end.  
Egg length<sup>2</sup>: 3.6 - 4.7 cm  
Egg width<sup>2</sup>: 2.6 - 3.1 cm  
Breeding time-frame - Start<sup>5</sup>: Not yet available  
Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available  
Half Life<sup>4</sup>: Not yet available  
Federally Threatened<sup>6</sup>: No  
Federally Endangered<sup>6</sup>: No  
State Threatened<sup>7</sup>: Not applicable  
State Endangered<sup>7</sup>: Not applicable  
Migratory Bird Treaty Act<sup>8</sup>: Listed  
Bird of Conservation Concern (BCC)<sup>9</sup>: No  
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable  
BCRs where BCC Breeding<sup>9</sup>: Not applicable  
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.





**American  
Goldfinch**  
*Spinus tristis*

Global: 44,000,000  
Continental U.S. & Canada:  
44,000,000

**Common**



**Alpha Code**

*Alpha Code*<sup>1</sup>: AMGO

**Physical Details**

*Weight*<sup>2</sup>: 11 - 20 g

*Length*<sup>2</sup>: 11 - 13 cm

**Habitat**

*Habitat Category*<sup>2</sup>: Open Woodlands

*Primary Breeding Habitat*<sup>4</sup>: Open Country, Habitat Mosaic

**Population Information**

*Global Population*<sup>4</sup>: 44,000,000

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 42,000,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 47,000,000

*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 5.23%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 1,900,000  
*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 2,800,000

*% State Population (USA only)*<sup>3</sup>: AR - 0.50%  
*Lower 95% Bound State*<sup>3</sup>: AR - 99,000  
*Upper 95% Bound State*<sup>3</sup>: AR - 430,000

**Biology**

*Food Category*<sup>2</sup>: Seeds

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Shrub

*Incubation Period*<sup>2</sup>: 12 - 14 days

*Clutch Size*<sup>2</sup>: 2 - 7 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: Pale bluish white, sometimes with small faint brown spots around large end.

*Egg length*<sup>2</sup>: 1.62 - 1.69 cm

*Egg width*<sup>2</sup>: 1.22 - 1.28 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

**Conservation Status**

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

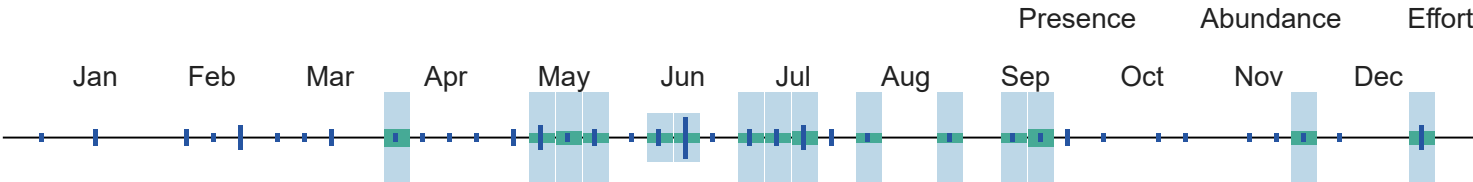
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable


*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



American Kestrel

Falco sparverius


Global: 9,200,000

Continental U.S. & Canada: 2,800,000

State Threatened: NJ

State Endangered: DE

BCRBCC Breeding: 25,27,31



Alpha Code

Alpha Code<sup>1</sup>: AMKE

Physical Details

Weight<sup>2</sup>: 80 - 165 g

Length<sup>2</sup>: 22 - 31 cm

Habitat

Habitat Category<sup>2</sup>: Grasslands

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat Mosaic

Population Information

Global Population<sup>4</sup>: 9,200,000

% Population Estimate USA & Canada<sup>4</sup>: 30.43%  
Lower 95% Bound USA & Canada<sup>3</sup>: 2,600,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 3,100,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 1.03%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 68,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 130,000

% State Population (USA only)<sup>3</sup>: AR - 0.11%  
Lower 95% Bound State<sup>3</sup>: AR - 2,500  
Upper 95% Bound State<sup>3</sup>: AR - 21,000

Biology

Food Category<sup>2</sup>: Small Animals

Behavior Category<sup>2</sup>: Aerial Dive (ground/talons)

Nesting Category<sup>2</sup>: Cavity

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

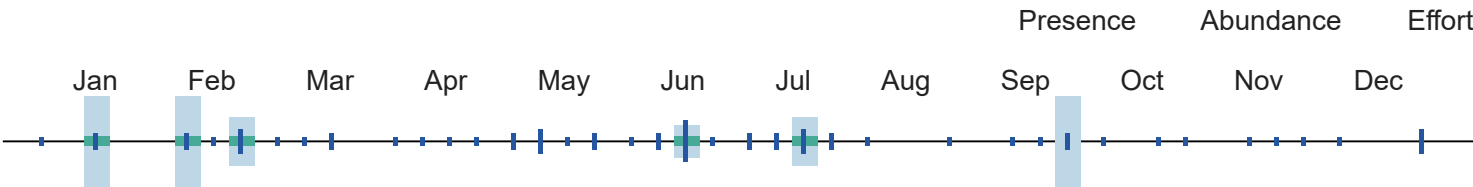
Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No




7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Incubation Period</i> <sup>2</sup> : 26 - 32 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 4 - 5 eggs	<i>State Threatened</i> <sup>7</sup> : NJ
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : DE
<i>Egg description</i> <sup>2</sup> : White to yellowish or light reddish-brown, mottled with violet-magenta, gray, or brown.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 3 - 3.8 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : Yes
<i>Egg width</i> <sup>2</sup> : 2.4 - 2.8 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : No - ssp. paulus only
<i>Breeding time-frame - Start</i> <sup>5</sup> : 1-Apr	<i>BCRs where BCC Breeding</i> <sup>9</sup> : 25,27,31
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 31-Aug	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



American Redstart

Setophaga ruticilla

Global: 42,000,000

Continental U.S. & Canada: 42,000,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : AMRE	<i>Weight</i> <sup>2</sup> : 6 - 9 g
	<i>Length</i> <sup>2</sup> : 11 - 13 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Forests	<i>Global Population</i> <sup>4</sup> : 42,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Generalist	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 37,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 48,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Small increase or stable
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available
	<i>% BCR Population</i> <sup>3</sup> : BCR 24 - 0.24%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 46,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 170,000

% State Population (USA only)<sup>3</sup>: AR - 0.11%

Lower 95% Bound State<sup>3</sup>: AR - 15,000

Upper 95% Bound State<sup>3</sup>: AR - 91,000

Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Tree

*Incubation Period*<sup>2</sup>: 10 - 13 days

*Clutch Size*<sup>2</sup>: 1 - 5 eggs

*Number of Broods*<sup>2</sup>: Not yet available

*Egg description*<sup>2</sup>: White or creamy with blotches of brownish or reddish; some are so speckled that they are nearly brown all over.

*Egg length*<sup>2</sup>: Not yet available

*Egg width*<sup>2</sup>: Not yet available

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

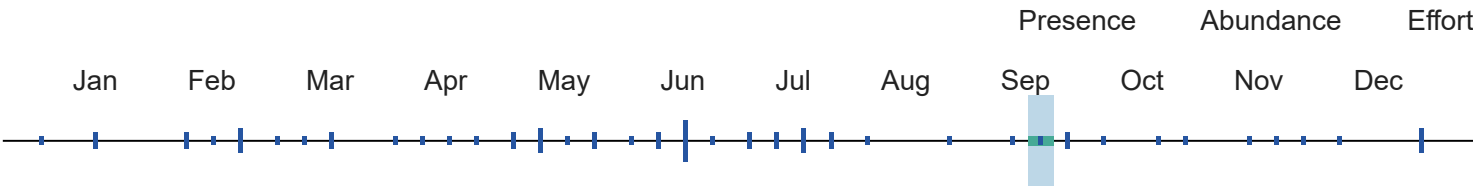
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



American  
Robin  
*Turdus  
migratorius*

Global: 370,000,000  
Continental U.S. & Canada:  
370,000,000

Common



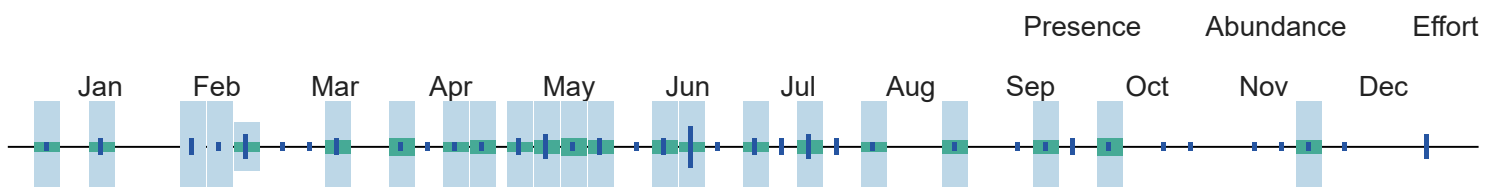
Alpha Code

*Alpha Code*<sup>1</sup>: AMRO

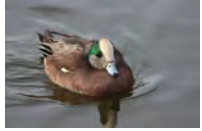
Physical Details

*Weight*<sup>2</sup>: 77 - 85 g

*Length*<sup>2</sup>: 20 - 28 cm

**Habitat****Population Information***Habitat Category*<sup>2</sup>: Open Woodlands*Global Population*<sup>4</sup>: 370,000,000*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Generalist% *Population Estimate USA & Canada*<sup>4</sup>: 100.00%Lower 95% Bound USA & Canada<sup>3</sup>: 340,000,000Upper 95% Bound USA & Canada<sup>3</sup>: 390,000,000*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease*Regional Population Trend*<sup>4</sup>: Not yet available% *BCR Population*<sup>3</sup>: BCR 24 - 2.32%Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 6,500,000Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 11,000,000% *State Population (USA only)*<sup>3</sup>: AR - 0.24%Lower 95% Bound State<sup>3</sup>: AR - 480,000Upper 95% Bound State<sup>3</sup>: AR - 1,500,000**Biology****Conservation Status***Food Category*<sup>2</sup>: Insects*Continental Importance*<sup>4</sup>: Not yet available*Behavior Category*<sup>2</sup>: Ground Forager*Half Life*<sup>4</sup>: Not yet available*Nesting Category*<sup>2</sup>: Tree*Federally Threatened*<sup>6</sup>: No*Incubation Period*<sup>2</sup>: 12 - 14 days*Federally Endangered*<sup>6</sup>: No*Clutch Size*<sup>2</sup>: 3 - 5 eggs*State Threatened*<sup>7</sup>: Not applicable*Number of Broods*<sup>2</sup>: 1 - 3*State Endangered*<sup>7</sup>: Not applicable*Egg description*<sup>2</sup>: Sky blue or blue-green and unmarked. *Migratory Bird Treaty Act*<sup>8</sup>: Listed*Egg length*<sup>2</sup>: 2.8 - 3 cm*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*Egg width*<sup>2</sup>: 2.1 cm*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*Breeding time-frame - Start*<sup>5</sup>: Not yet available*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*Breeding time-frame - Stop*<sup>5</sup>: Not yet available*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**American Wigeon**  
*Mareca americana*

Global: 2,700,000  
Continental U.S. & Canada:  
2,700,000

**Common**



### Alpha Code

*Alpha Code*<sup>1</sup>: AMWI

### Physical Details

*Weight*<sup>2</sup>: 540 - 1330 g

*Length*<sup>2</sup>: 42 - 59 cm

### Habitat

*Habitat Category*<sup>2</sup>: Lakes and Ponds

*Primary Breeding Habitat*<sup>4</sup>: Wetlands, Seasonally Wet Grasslands

### Population Information

*Global Population*<sup>4</sup>: 2,700,000

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available

Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

*% State Population (USA only)*<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

### Biology

*Food Category*<sup>2</sup>: Plants

*Behavior Category*<sup>2</sup>: Dabbler

*Nesting Category*<sup>2</sup>: Ground

*Incubation Period*<sup>2</sup>: 22 - 28 days

*Clutch Size*<sup>2</sup>: 3 - 13 eggs

*Number of Broods*<sup>2</sup>: 1

*Egg description*<sup>2</sup>: Creamy white.

*Egg length*<sup>2</sup>: 5.1 - 5.5 cm

*Egg width*<sup>2</sup>: 3.7 - 3.8 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

### Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

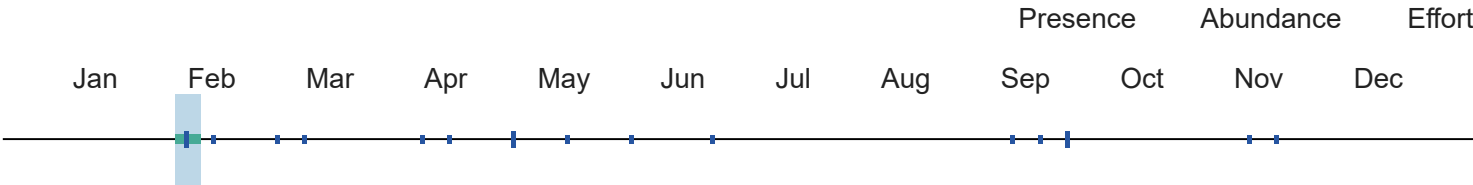
*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Bald Eagle

*Haliaeetus leucocephalus*

Global: 200,000

Continental U.S. & Canada: 200,000

State Threatened: MA, CT, NH, NY, TX, NM, NC, SD, SC

State Endangered: NJ, VT, CA



Alpha Code

Alpha Code<sup>1</sup>: BAEA

Physical Details

Weight<sup>2</sup>: 3000 - 6300 g

Length<sup>2</sup>: 71 - 96 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Wetlands, Generalist

Population Information

Global Population<sup>4</sup>: 200,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.00%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - null  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - null

% State Population (USA only)<sup>3</sup>: AR - 0.00%  
Lower 95% Bound State<sup>3</sup>: AR - null  
Upper 95% Bound State<sup>3</sup>: AR - null

Biology

Food Category<sup>2</sup>: Fish

Behavior Category<sup>2</sup>: Soaring (raptor)

Nesting Category<sup>2</sup>: Tree

Conservation Status

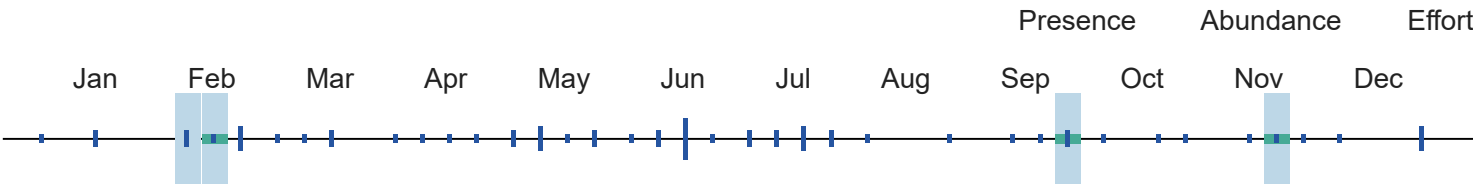
Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available


Federally Threatened<sup>6</sup>: No

<i>Incubation Period</i> <sup>2</sup> : 34 - 36 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 1 - 3 eggs	<i>State Threatened</i> <sup>7</sup> : MA, CT, NH, NY, TX, NM, NC, SD, SC
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : NJ, VT, CA
<i>Egg description</i> <sup>2</sup> : Dull white, usually without markings.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 5.8 - 8.4 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 4.7 - 6.3 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : 1-Jan	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 31-Dec	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Baltimore Oriole

*Icterus galbula*

Global: 12,000,000

Continental U.S. & Canada: 12,000,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : BAOR	<i>Weight</i> <sup>2</sup> : 30 - 40 g
	<i>Length</i> <sup>2</sup> : 17 - 19 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Open Woodlands	<i>Global Population</i> <sup>4</sup> : 12,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Eastern	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 11,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 13,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Moderate to large decrease
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 3.17%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 290,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 480,000

% State Population (USA only)<sup>3</sup>: AR - 1.08%  
Lower 95% Bound State<sup>3</sup>: AR - 65,000  
Upper 95% Bound State<sup>3</sup>: AR - 210,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 11 - 14 days

Clutch Size<sup>2</sup>: 3 - 7 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Pale grayish or bluish white blotched with brown, black, or lavender.

Egg length<sup>2</sup>: 2.1 - 2.5 cm

Egg width<sup>2</sup>: 1.5 - 1.7 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

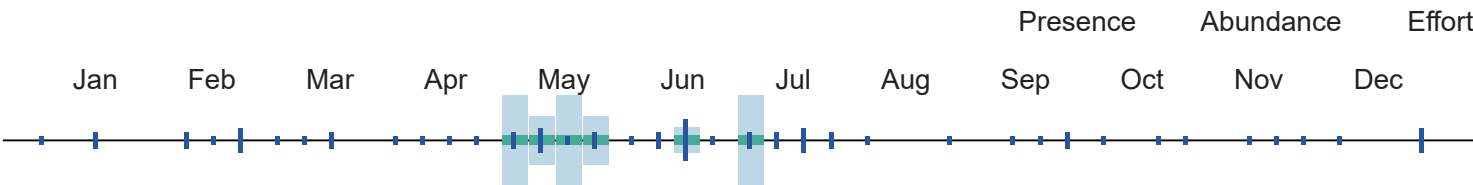
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Barn Swallow  
*Hirundo rustica*

Global: 190,000,000  
Continental U.S. & Canada:  
47,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: BARS

Physical Details

Weight<sup>2</sup>: 17 - 20 g



Length<sup>2</sup>: 15 - 19 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Grasslands

Global Population<sup>4</sup>: 190,000,000

Primary Breeding Habitat<sup>4</sup>: Open Country Aerial, Habitat Mosaic

% Population Estimate USA & Canada<sup>4</sup>: 24.74%  
Lower 95% Bound USA & Canada<sup>3</sup>: 43,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 50,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 1.42%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 2,100,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 3,400,000

% State Population (USA only)<sup>3</sup>: AR - 0.49%  
Lower 95% Bound State<sup>3</sup>: AR - 570,000  
Upper 95% Bound State<sup>3</sup>: AR - 1,400,000

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Continental Importance<sup>4</sup>: Not yet available

Behavior Category<sup>2</sup>: Aerial Forager

Half Life<sup>4</sup>: Not yet available

Nesting Category<sup>2</sup>: Building

Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: 12 - 17 days

Federally Endangered<sup>6</sup>: No

Clutch Size<sup>2</sup>: 3 - 7 eggs

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: 1 - 2

State Endangered<sup>7</sup>: Not applicable

Egg description<sup>2</sup>: Creamy or pinkish white, spotted with brown, lavender, and gray.

Migratory Bird Treaty Act<sup>8</sup>: Listed

Egg length<sup>2</sup>: 1.6 - 2.1 cm

Bird of Conservation Concern (BCC)<sup>9</sup>: No

Egg width<sup>2</sup>: 1.2 - 1.5 cm

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

Breeding time-frame - Start<sup>5</sup>: Not yet available

BCRs where BCC Breeding<sup>9</sup>: Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available

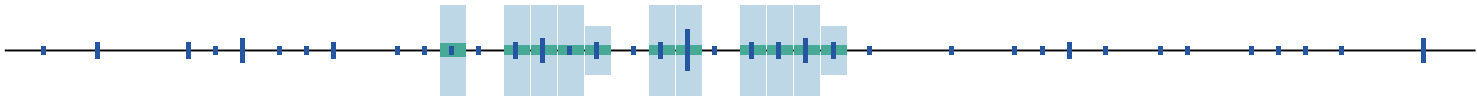
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

												Presence	Abundance	Effort
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			





<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Barred Owl**  
*Strix varia*

Global: 3,500,000  
Continental U.S. & Canada:  
3,500,000

**State Threatened: NJ**



**Alpha Code**

*Alpha Code*<sup>1</sup>: BADO

**Physical Details**

*Weight*<sup>2</sup>: 470 - 1050 g

*Length*<sup>2</sup>: 43 - 50 cm

**Habitat**

*Habitat Category*<sup>2</sup>: Forests

*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Eastern

**Population Information**

*Global Population*<sup>4</sup>: 3,500,000

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 3,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 3,900,000

*Continental Population Trend*<sup>4</sup>: Significant large increase

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 11.71%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 280,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 580,000

*% State Population (USA only)*<sup>3</sup>: AR - 3.71%  
Lower 95% Bound State<sup>3</sup>: AR - 67,000  
Upper 95% Bound State<sup>3</sup>: AR - 200,000

**Biology**

*Food Category*<sup>2</sup>: Mammals

*Behavior Category*<sup>2</sup>: Aerial Dive (ground/talons)

*Nesting Category*<sup>2</sup>: Tree

*Incubation Period*<sup>2</sup>: 28 - 33 days

*Clutch Size*<sup>2</sup>: 1 - 5 eggs

*Number of Broods*<sup>2</sup>: 1

*Egg description*<sup>2</sup>: Pure white, with a rough surface.

*Egg length*<sup>2</sup>: 4.3 - 5.6 cm

*Egg width*<sup>2</sup>: 3.8 - 4.5 cm

**Conservation Status**

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

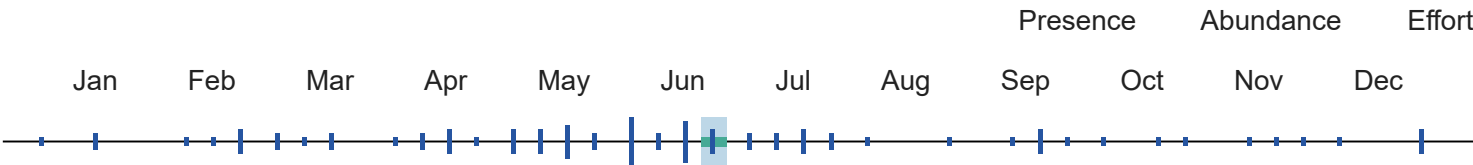
*State Threatened*<sup>7</sup>: NJ

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Bell's Vireo

Vireo bellii

Global: 5,700,000

Continental U.S. & Canada: 4,600,000

Federally Endangered: Ssp pusillus only - wherever found

State Threatened: NM, WI

State Endangered: CA (ssp. arizonae and pusillus only)



Alpha Code

Alpha Code<sup>1</sup>: BEVI

Physical Details

Weight<sup>2</sup>: 7.4 - 9.8 g

Length<sup>2</sup>: 11.5 - 12.5 cm

Habitat

Habitat Category<sup>2</sup>: Scrub

Primary Breeding Habitat<sup>4</sup>: Aridlands, Desert Riparian

Population Information

Global Population<sup>4</sup>: 5,700,000

% Population Estimate USA & Canada<sup>4</sup>: 80.70%

Lower 95% Bound USA & Canada<sup>3</sup>: 3,600,000

Upper 95% Bound USA & Canada<sup>3</sup>: 5,800,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 1.12%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 36,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 98,000

% State Population (USA only)<sup>3</sup>: AR - 0.42%

Lower 95% Bound State<sup>3</sup>: AR - 11,000

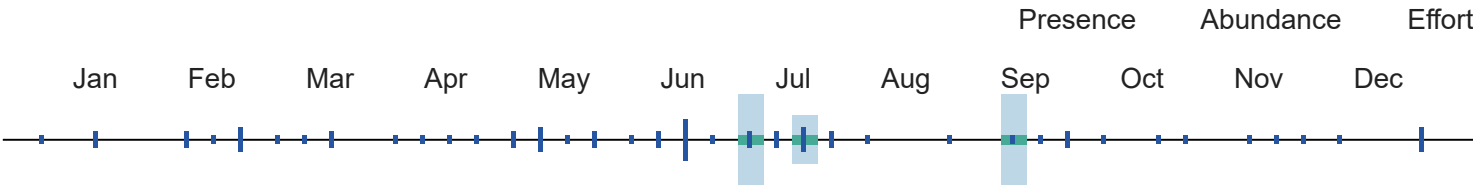
Upper 95% Bound State<sup>3</sup>: AR - 42,000

Biology

Conservation Status

<i>Food Category</i> <sup>2</sup> : Insects	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Foliage Gleaner	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Shrub	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 14 - 15 days	<i>Federally Endangered</i> <sup>6</sup> : Ssp pusillus only - wherever found
<i>Clutch Size</i> <sup>2</sup> : 2 - 4 eggs	<i>State Threatened</i> <sup>7</sup> : NM, WI
<i>Number of Broods</i> <sup>2</sup> : Not yet available	<i>State Endangered</i> <sup>7</sup> : CA (ssp. arizonae and pusillus only)
<i>Egg description</i> <sup>2</sup> : White with sparse spotting.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.6 - 1.8 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.2 - 1.4 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : 15-Mar	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 30-Sep	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Belted Kingfisher**  
*Megaceryle alcyon*

Global: 1,800,000  
Continental U.S. & Canada:  
1,800,000

**BCRBCC Breeding: 13**



Alpha Code

Physical Details

*Alpha Code*<sup>1</sup>: BEKI

*Weight*<sup>2</sup>: 140 - 170 g

*Length*<sup>2</sup>: 28 - 35 cm

Habitat

Population Information

*Habitat Category*<sup>2</sup>: Lakes and Ponds

*Global Population*<sup>4</sup>: 1,800,000

*Primary Breeding Habitat*<sup>4</sup>: Wetlands, Generalist

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 1,600,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 2,200,000

*Continental Population Trend*<sup>4</sup>: Moderate to large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 2.50%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 32,000  
*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 61,000

*% State Population (USA only)*<sup>3</sup>: AR - 0.67%  
*Lower 95% Bound State*<sup>3</sup>: AR - 5,000  
*Upper 95% Bound State*<sup>3</sup>: AR - 22,000

Biology

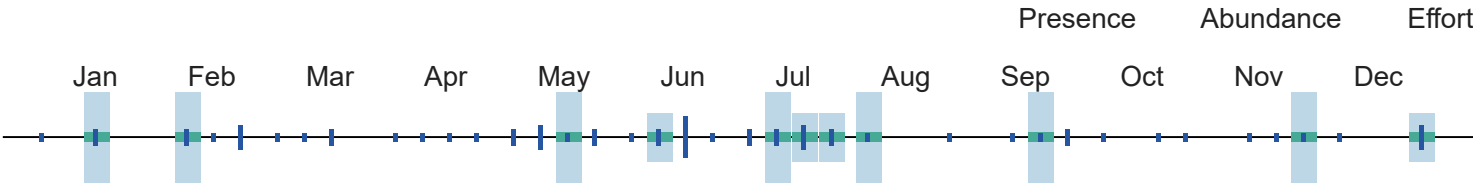
*Food Category*<sup>2</sup>: Fish  
*Behavior Category*<sup>2</sup>: Aerial Dive (water)  
*Nesting Category*<sup>2</sup>: Burrow  
*Incubation Period*<sup>2</sup>: 22 - 24 days  
*Clutch Size*<sup>2</sup>: 5 - 8 eggs  
*Number of Broods*<sup>2</sup>: 1 - 2  
*Egg description*<sup>2</sup>: Pure white, smooth, and glossy.  
*Egg length*<sup>2</sup>: 3 - 3.7 cm  
*Egg width*<sup>2</sup>: 2.5 - 2.9 cm  
*Breeding time-frame - Start*<sup>5</sup>: 15-Mar  
*Breeding time-frame - Stop*<sup>5</sup>: 25-Jul

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available  
*Half Life*<sup>4</sup>: Not yet available  
*Federally Threatened*<sup>6</sup>: No  
*Federally Endangered*<sup>6</sup>: No  
*State Threatened*<sup>7</sup>: Not applicable  
*State Endangered*<sup>7</sup>: Not applicable  
*Migratory Bird Treaty Act*<sup>8</sup>: Listed  
*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes  
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: No  
*BCRs where BCC Breeding*<sup>9</sup>: 13  
*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Black  
Vulture**  
*Coragyps  
atratus*

Global: 190,000,000  
Continental U.S. & Canada:  
9,600,000

**Common**



**Alpha Code**

*Alpha Code*<sup>1</sup>: BLVU

**Physical Details**

*Weight*<sup>2</sup>: 1600 - 2200 g

*Length*<sup>2</sup>: 60 - 68 cm

**Habitat**

*Habitat Category*<sup>2</sup>: Grasslands

*Primary Breeding Habitat*<sup>4</sup>: Open Country, Habitat Mosaic

**Population Information**

*Global Population*<sup>4</sup>: 190,000,000

*% Population Estimate USA & Canada*<sup>4</sup>: 5.05%

Lower 95% Bound USA & Canada<sup>3</sup>: 7,100,000

Upper 95% Bound USA & Canada<sup>3</sup>: 12,000,000

*Continental Population Trend*<sup>4</sup>: Significant large increase

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 0.18%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 150,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 580,000

*% State Population (USA only)*<sup>3</sup>: AR - 0.05%

Lower 95% Bound State<sup>3</sup>: AR - 30,000

Upper 95% Bound State<sup>3</sup>: AR - 200,000

**Biology**

*Food Category*<sup>2</sup>: Carrion

*Behavior Category*<sup>2</sup>: Soaring (raptor)

*Nesting Category*<sup>2</sup>: Cliff

*Incubation Period*<sup>2</sup>: 38 - 39 days

*Clutch Size*<sup>2</sup>: 1 - 3 eggs

*Number of Broods*<sup>2</sup>: 1

*Egg description*<sup>2</sup>: Pale green or sometimes bluish white, usually with a few large brown blotches on the larger end.

*Egg length*<sup>2</sup>: 6.6 - 9 cm

*Egg width*<sup>2</sup>: 4.5 - 5.6 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

**Conservation Status**

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

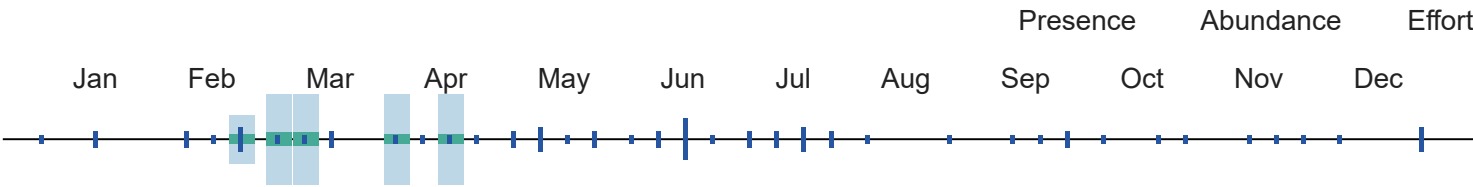
*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable


*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Black-and-white Warbler

*Mniotilta varia*

Global: 18,000,000

Continental U.S. & Canada: 18,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: BAWW

Physical Details

Weight<sup>2</sup>: 8 - 15 g

Length<sup>2</sup>: 11 - 13 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

Population Information

Global Population<sup>4</sup>: 18,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 16,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 20,000,000

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 2.06%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 240,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 540,000

% State Population (USA only)<sup>3</sup>: AR - 2.39%  
Lower 95% Bound State<sup>3</sup>: AR - 280,000  
Upper 95% Bound State<sup>3</sup>: AR - 620,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Bark Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 10 - 12 days

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Clutch Size<sup>2</sup>: 4 - 6 eggs

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: 1 - 2

State Endangered<sup>7</sup>: Not applicable

Egg description<sup>2</sup>: Creamy white, pale bluish- or greenish-

Migratory Bird Treaty Act<sup>8</sup>: Listed

white, with speckles of brown or lavender.

Egg length<sup>2</sup>: 1.5 - 1.9 cm

Bird of Conservation Concern (BCC)<sup>9</sup>: No

Egg width<sup>2</sup>: 1.3 - 1.4 cm

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

Breeding time-frame - Start<sup>5</sup>: Not yet available

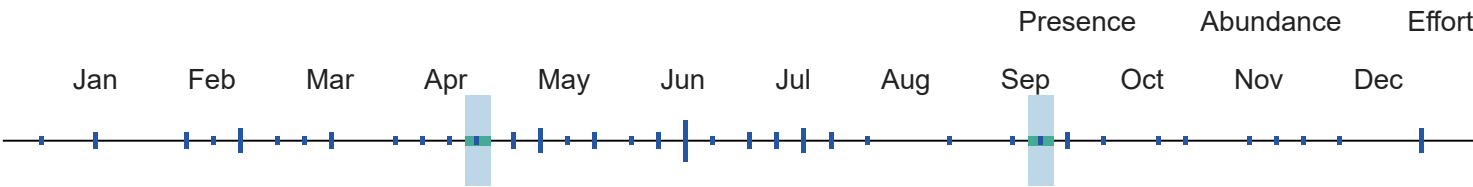
BCRs where BCC Breeding<sup>9</sup>: Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Blue Grosbeak

Passerina caerulea

Global: 35,000,000

Continental U.S. & Canada: 21,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: BLGR

Habitat

Habitat Category<sup>2</sup>: Open Woodlands

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

Physical Details

Weight<sup>2</sup>: 26 - 31 g

Length<sup>2</sup>: 15 - 16 cm

Population Information

Global Population<sup>4</sup>: 35,000,000

% Population Estimate USA & Canada<sup>4</sup>: 60.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 19,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 23,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 6.57%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 1,900,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,800,000

% State Population (USA only)<sup>3</sup>: AR - 3.14%

Lower 95% Bound State<sup>3</sup>: AR - 780,000

Upper 95% Bound State<sup>3</sup>: AR - 1,400,000

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Shrub

Incubation Period<sup>2</sup>: 12 - 13 days

Clutch Size<sup>2</sup>: 3 - 5 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Pale blue to white, and on rare occasions spotted with brown.

Egg length<sup>2</sup>: 1.9 - 2.4 cm

Egg width<sup>2</sup>: 1.6 - 1.7 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

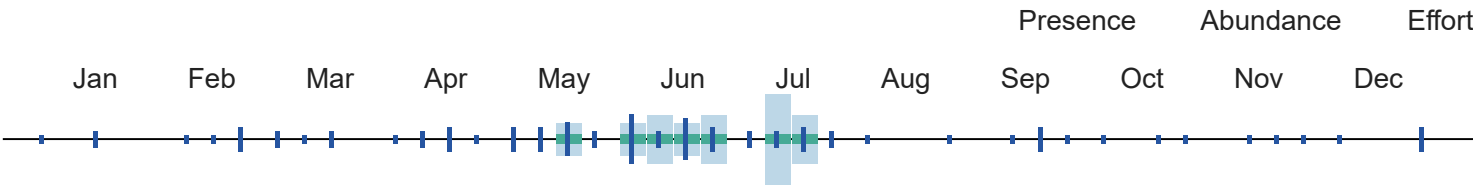
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Blue Jay

Cyanocitta

cristata

Global: 17,000,000

Continental U.S. & Canada:

17,000,000

Common

^

Alpha Code

Physical Details

Alpha Code<sup>1</sup>: BLJA

Weight<sup>2</sup>: 70 - 100 g

Length<sup>2</sup>: 25 - 30 cm

Habitat

Population Information



Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

Global Population<sup>4</sup>: 17,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 16,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 19,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 6.47%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 830,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,400,000

% State Population (USA only)<sup>3</sup>: AR - 3.65%

Lower 95% Bound State<sup>3</sup>: AR - 430,000

Upper 95% Bound State<sup>3</sup>: AR - 880,000

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 17 - 18 days

Clutch Size<sup>2</sup>: 2 - 7 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Bluish or light brown with brownish spots.

Egg length<sup>2</sup>: 2.5 - 3.3 cm

Egg width<sup>2</sup>: 1.8 - 2.2 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

The Phenology Graph displays three data series across the months of the year (Jan to Dec):

- Presence:** Indicated by blue vertical bars. It shows presence from January through August, with a small bar in September.
- Abundance:** Indicated by green vertical bars. It shows abundance from January through June, with a small bar in September.
- Effort:** Indicated by small blue dots. It shows effort across all months from January to December.

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.

<https://data.pointblue.org/apps/rail/>

22/191



## Blue-gray

Global: 260,000,000  
Continental U.S. & Canada:  
230,000,000

**Common**



### Gnatcatcher

*Polioptila caerulea*

#### Alpha Code

*Alpha Code*<sup>1</sup>: BGGN

#### Physical Details

*Weight*<sup>2</sup>: 4.8 - 8.9 g

*Length*<sup>2</sup>: 10 - 11 cm

#### Habitat

*Habitat Category*<sup>2</sup>: Forests

*Primary Breeding Habitat*<sup>4</sup>: Forests, Generalist

#### Population Information

*Global Population*<sup>4</sup>: 260,000,000

*% Population Estimate USA & Canada*<sup>4</sup>: 88.46%

Lower 95% Bound USA & Canada<sup>3</sup>: 200,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 270,000,000

*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 15.77%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 26,000,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 63,000,000

*% State Population (USA only)*<sup>3</sup>: AR - 6.15%

Lower 95% Bound State<sup>3</sup>: AR - 8,700,000

Upper 95% Bound State<sup>3</sup>: AR - 27,000,000

#### Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Tree

*Incubation Period*<sup>2</sup>: 11 - 15 days

*Clutch Size*<sup>2</sup>: 3 - 5 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: Pale blue spotted with reddish to dark brown.

*Egg length*<sup>2</sup>: 1.3 - 1.6 cm

*Egg width*<sup>2</sup>: 1.1 - 1.2 cm

#### Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

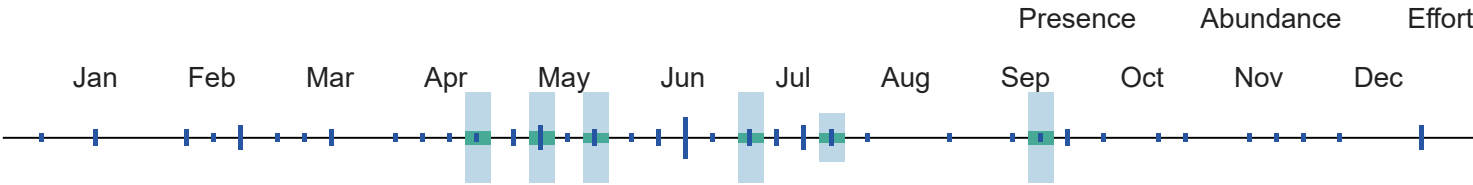
*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Blue-headed Vireo  
*Vireo solitarius*

Global: 13,000,000  
Continental U.S. & Canada:  
13,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: BHVI

Physical Details

Weight<sup>2</sup>: 13.2 - 17.2 g

Length<sup>2</sup>: 12 - 15 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 13,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 11,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 15,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

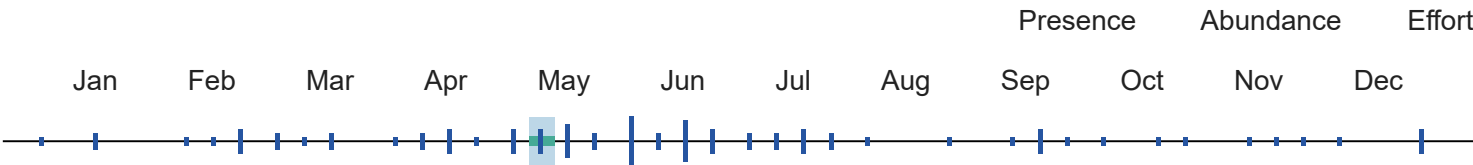
Conservation Status

Continental Importance<sup>4</sup>: Not yet available


Half Life<sup>4</sup>: Not yet available

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Nesting Category</i> <sup>2</sup> : Tree	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 13 - 15 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 3 - 5 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Creamy white with sparse dark spots around larger end.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.7 - 2.2 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.3 - 1.6 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Blue-winged Teal

*Spatula discors*

Global: 7,800,000

Continental U.S. & Canada: 7,800,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : BWTE	<i>Weight</i> <sup>2</sup> : 230 - 545 g
	<i>Length</i> <sup>2</sup> : 36 - 41 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Marshes	<i>Global Population</i> <sup>4</sup> : 7,800,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Wetlands, Seasonally Wet Grasslands	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : Not yet available
	Upper 95% Bound USA & Canada <sup>3</sup> : Not yet available
	<i>Continental Population Trend</i> <sup>4</sup> : Small increase or stable
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available

% *BCR Population*<sup>3</sup>: Not yet available  
Lower 95% Bound *BCR*<sup>3</sup>: Not yet available  
Upper 95% Bound *BCR*<sup>3</sup>: Not yet available  
  
% *State Population (USA only)*<sup>3</sup>: Not yet available  
Lower 95% Bound *State*<sup>3</sup>: Not yet available  
Upper 95% Bound *State*<sup>3</sup>: Not yet available

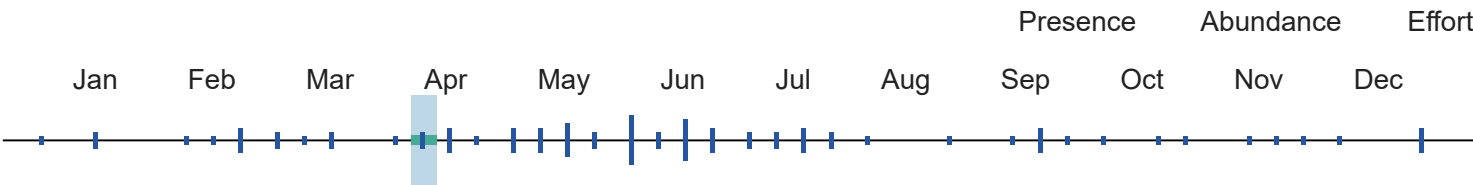
Biology

*Food Category*<sup>2</sup>: Omnivore  
*Behavior Category*<sup>2</sup>: Dabbler  
*Nesting Category*<sup>2</sup>: Ground  
*Incubation Period*<sup>2</sup>: 19 - 29 days  
*Clutch Size*<sup>2</sup>: 6 - 14 eggs  
*Number of Broods*<sup>2</sup>: 1  
*Egg description*<sup>2</sup>: Creamy white.  
*Egg length*<sup>2</sup>: 3.8 - 5.2 cm  
*Egg width*<sup>2</sup>: 2.9 - 3.7 cm  
*Breeding time-frame - Start*<sup>5</sup>: Not yet available  
*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available  
*Half Life*<sup>4</sup>: Not yet available  
*Federally Threatened*<sup>6</sup>: No  
*Federally Endangered*<sup>6</sup>: No  
*State Threatened*<sup>7</sup>: Not applicable  
*State Endangered*<sup>7</sup>: Not applicable  
*Migratory Bird Treaty Act*<sup>8</sup>: Listed  
*Bird of Conservation Concern (BCC)*<sup>9</sup>: No  
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable  
*BCRs where BCC Breeding*<sup>9</sup>: Not applicable  
*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable  
[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Blue-winged Warbler  
*Vermivora cyanoptera*

Global: 680,000  
Continental U.S. & Canada: 680,000

BCRBCC Breeding: 13,30

Alpha Code

Physical Details

Alpha Code<sup>1</sup>: BWWA

Weight<sup>2</sup>: 9 g

Length<sup>2</sup>: 11 - 12 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Open Woodlands

Global Population<sup>4</sup>: 680,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 580,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 800,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 23.53%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 110,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 230,000

% State Population (USA only)<sup>3</sup>: AR - 1.38%  
Lower 95% Bound State<sup>3</sup>: AR - 2,800  
Upper 95% Bound State<sup>3</sup>: AR - 18,000

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Continental Importance<sup>4</sup>: Yellow Watch List

Behavior Category<sup>2</sup>: Foliage Gleaner

Half Life<sup>4</sup>: Not yet available

Nesting Category<sup>2</sup>: Ground

Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: 10 - 11 days

Federally Endangered<sup>6</sup>: No

Clutch Size<sup>2</sup>: 2 - 7 eggs

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: 1

State Endangered<sup>7</sup>: Not applicable

Egg description<sup>2</sup>: White with small spots of brown or gray near large end.

Migratory Bird Treaty Act<sup>8</sup>: Listed

Egg length<sup>2</sup>: 1.5 - 1.7 cm

Bird of Conservation Concern (BCC)<sup>9</sup>: Yes

Egg width<sup>2</sup>: 1.1 - 1.3 cm

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: No

Breeding time-frame - Start<sup>5</sup>: 1-May

BCRs where BCC Breeding<sup>9</sup>: 13,30

Breeding time-frame - Stop<sup>5</sup>: Jun-23

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

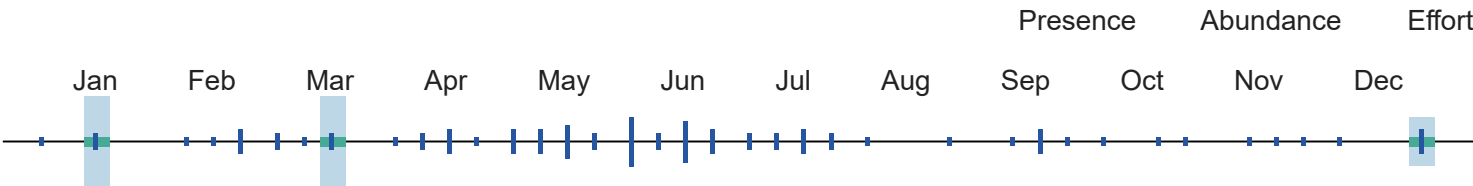
[More information on BCR's](#)

Phenology Graph

												Presence	Abundance	Effort
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			



Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Brown Thrasher

Toxostoma rufum

Global: 6,200,000

Continental U.S. & Canada: 6,200,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: BRTTH

Physical Details

Weight<sup>2</sup>: 61 - 89 g

Length<sup>2</sup>: 23 - 30 cm

Habitat

Habitat Category<sup>2</sup>: Scrub

Population Information

Global Population<sup>4</sup>: 6,200,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 5,600,000

Upper 95% Bound USA & Canada<sup>3</sup>: 6,800,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 7.90%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 370,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 630,000

% State Population (USA only)<sup>3</sup>: AR - 2.26%

Lower 95% Bound State<sup>3</sup>: AR - 90,000

Upper 95% Bound State<sup>3</sup>: AR - 210,000

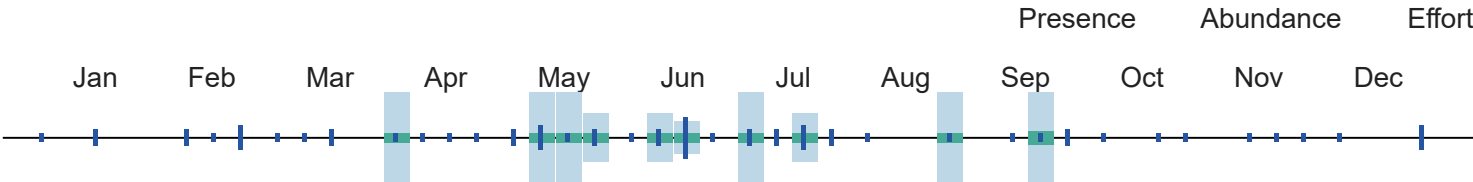
Biology

Conservation Status



7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Food Category</i> <sup>2</sup> : Omnivore	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Ground Forager	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Shrub	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 10 - 14 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 2 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Glossy pale blue, pale greenish blue, or white, with many red-brown speckles.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 2.6 - 2.7 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.9 - 2 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Brown-headed Cowbird**  
*Molothrus ater*

Global: 130,000,000  
Continental U.S. & Canada:  
130,000,000

Common



Alpha Code

*Alpha Code*<sup>1</sup>: BHCO

Physical Details

*Weight*<sup>2</sup>: 42 - 50 g

*Length*<sup>2</sup>: 19 - 22 cm

Habitat

*Habitat Category*<sup>2</sup>: Grasslands

*Primary Breeding Habitat*<sup>4</sup>: Open Country, Habitat Mosaic

Population Information

*Global Population*<sup>4</sup>: 130,000,000

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 120,000,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 140,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 3.31%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 3,600,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 5,100,000

% State Population (USA only)<sup>3</sup>: AR - 1.38%  
Lower 95% Bound State<sup>3</sup>: AR - 1,300,000  
Upper 95% Bound State<sup>3</sup>: AR - 2,400,000

Biology

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 10 - 12 days

Clutch Size<sup>2</sup>: 1 - 7 eggs

Number of Broods<sup>2</sup>: Not yet available

Egg description<sup>2</sup>: White to grayish-white with brown or gray spots.

Egg length<sup>2</sup>: 1.8 - 2.5 cm

Egg width<sup>2</sup>: 1.5 - 1.8 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

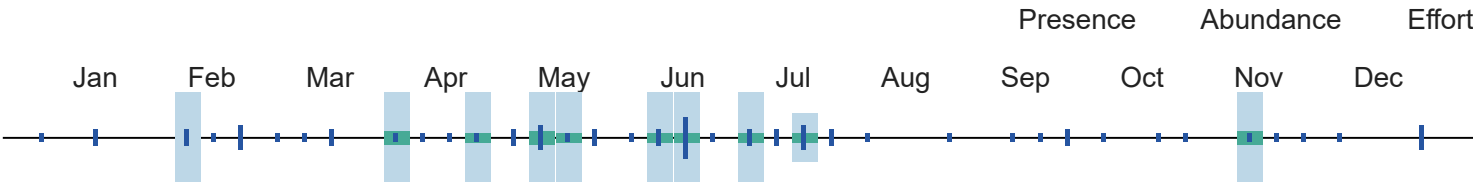
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Bufflehead  
*Bucephala*  
*albeola*

Global: 1,300,000  
Continental U.S. & Canada:  
1,300,000

Common

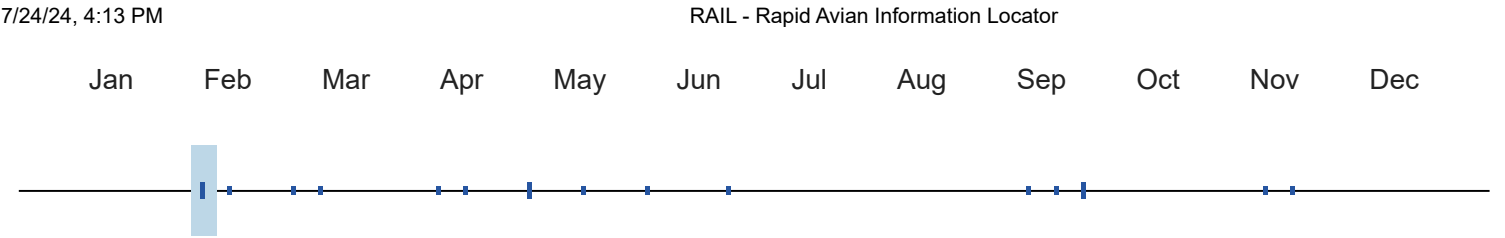


**Alpha Code***Alpha Code*<sup>1</sup>: BUFF**Habitat***Habitat Category*<sup>2</sup>: Lakes and Ponds*Primary Breeding Habitat*<sup>4</sup>: Wetlands, Forested**Biology***Food Category*<sup>2</sup>: Aquatic invertebrates*Behavior Category*<sup>2</sup>: Surface Dive*Nesting Category*<sup>2</sup>: Cavity*Incubation Period*<sup>2</sup>: Not yet available*Clutch Size*<sup>2</sup>: 4 - 17 eggs*Number of Broods*<sup>2</sup>: Not yet available*Egg description*<sup>2</sup>: Cream-colored or buff; unmarked.*Egg length*<sup>2</sup>: Not yet available*Egg width*<sup>2</sup>: Not yet available*Breeding time-frame - Start*<sup>5</sup>: Not yet available*Breeding time-frame - Stop*<sup>5</sup>: Not yet available**Physical Details***Weight*<sup>2</sup>: 272 - 635 g*Length*<sup>2</sup>: 32 - 40 cm**Population Information***Global Population*<sup>4</sup>: 1,300,000*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%Lower 95% Bound USA & Canada<sup>3</sup>: Not yet availableUpper 95% Bound USA & Canada<sup>3</sup>: Not yet available*Continental Population Trend*<sup>4</sup>: Significant large increase*Regional Population Trend*<sup>4</sup>: Not yet available*% BCR Population*<sup>3</sup>: Not yet availableLower 95% Bound BCR<sup>3</sup>: Not yet availableUpper 95% Bound BCR<sup>3</sup>: Not yet available*% State Population (USA only)*<sup>3</sup>: Not yet availableLower 95% Bound State<sup>3</sup>: Not yet availableUpper 95% Bound State<sup>3</sup>: Not yet available**Conservation Status***Continental Importance*<sup>4</sup>: Not yet available*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: Not applicable*State Endangered*<sup>7</sup>: Not applicable*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**

Presence

Abundance

Effort



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Canada  
Goose  
*Branta*  
*canadensis*

Global: 7,600,000  
Continental U.S. & Canada:  
7,500,000

Common



Alpha Code

Alpha Code<sup>1</sup>: CANG

Physical Details

Weight<sup>2</sup>: 3000 - 9000 g

Length<sup>2</sup>: 76 - 110 cm

Habitat

Habitat Category<sup>2</sup>: Marshes

Primary Breeding Habitat<sup>4</sup>: Wetlands, Generalist

Population Information

Global Population<sup>4</sup>: 7,600,000

% Population Estimate USA & Canada<sup>4</sup>: 98.68%  
Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 25 - 28 days

Clutch Size<sup>2</sup>: 2 - 8 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Creamy white.

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

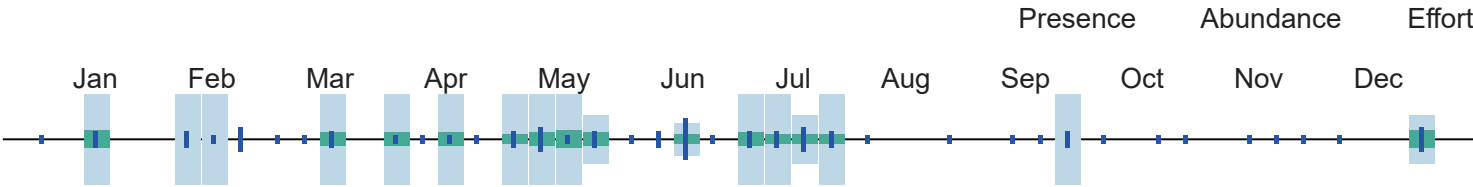
Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Canada Warbler  
*Cardellina canadensis*

Global: 2,600,000  
Continental U.S. & Canada:  
2,600,000

BCRBCC Breeding:  
12,13,14,23,28,30



Alpha Code

Alpha Code<sup>1</sup>: CAWA

Physical Details

Weight<sup>2</sup>: 9 - 13 g

Length<sup>2</sup>: 12 - 15 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 2,600,000

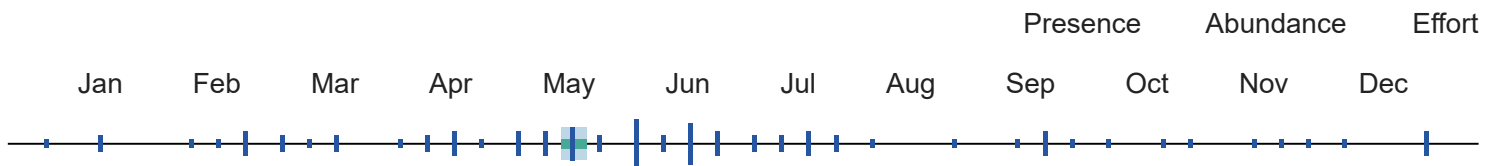
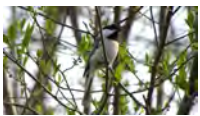
% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 2,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 3,200,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

**Biology****Conservation Status***Food Category*<sup>2</sup>: Insects*Behavior Category*<sup>2</sup>: Foliage Gleaner*Nesting Category*<sup>2</sup>: Ground*Incubation Period*<sup>2</sup>: 11 - 12 days*Clutch Size*<sup>2</sup>: 2 - 6 eggs*Number of Broods*<sup>2</sup>: 1*Egg description*<sup>2</sup>: Creamy speckled with small brown dots and blotches.*Egg length*<sup>2</sup>: 1.6 - 1.9 cm*Egg width*<sup>2</sup>: 1.2 - 1.4 cm*Breeding time-frame - Start*<sup>5</sup>: 20-May*Breeding time-frame - Stop*<sup>5</sup>: 10-Aug*Continental Importance*<sup>4</sup>: Common Bird in Steep Decline; previously Watch List*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: Not applicable*State Endangered*<sup>7</sup>: Not applicable*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Yes*BCRs where BCC Breeding*<sup>9</sup>: 12,13,14,23,28,30*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.

**Carolina Chickadee**  
*Poecile carolinensis*

Global: 13,000,000  
 Continental U.S. & Canada:  
 13,000,000

**Common****Alpha Code***Alpha Code*<sup>1</sup>: CACH**Physical Details***Weight*<sup>2</sup>: 8 - 12 g*Length*<sup>2</sup>: 10 - 12 cm**Habitat***Habitat Category*<sup>2</sup>: Forests**Population Information***Global Population*<sup>4</sup>: 13,000,000*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Eastern

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 12,000,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 14,000,000

*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 10.77%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 1,100,000  
*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 1,700,000

*% State Population (USA only)*<sup>3</sup>: AR - 5.38%  
*Lower 95% Bound State*<sup>3</sup>: AR - 520,000  
*Upper 95% Bound State*<sup>3</sup>: AR - 940,000

Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Cavity

*Incubation Period*<sup>2</sup>: 12 - 15 days

*Clutch Size*<sup>2</sup>: 3 - 10 eggs

*Number of Broods*<sup>2</sup>: 1

*Egg description*<sup>2</sup>: White with fine dots to small blotches of reddish brown.

*Egg length*<sup>2</sup>: 1.5 cm

*Egg width*<sup>2</sup>: 1.1 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

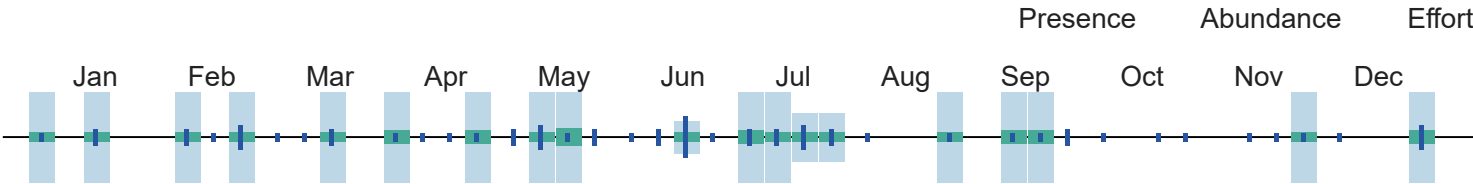
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.





Carolina  
Wren  
*Thryothorus  
ludovicianus*

Global: 19,000,000  
Continental U.S. & Canada:  
18,000,000

Common



Alpha Code

Physical Details

Alpha Code<sup>1</sup>: CARW

Weight<sup>2</sup>: 18 - 22 g

Length<sup>2</sup>: 12 - 14 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Open Woodlands

Global Population<sup>4</sup>: 19,000,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 94.74%  
Lower 95% Bound USA & Canada<sup>3</sup>: 16,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 20,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 9.47%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 1,400,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,300,000

% State Population (USA only)<sup>3</sup>: AR - 5.11%  
Lower 95% Bound State<sup>3</sup>: AR - 660,000  
Upper 95% Bound State<sup>3</sup>: AR - 1,300,000

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Continental Importance<sup>4</sup>: Not yet available

Behavior Category<sup>2</sup>: Ground Forager

Half Life<sup>4</sup>: Not yet available

Nesting Category<sup>2</sup>: Cavity

Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: 12 - 16 days

Federally Endangered<sup>6</sup>: No

Clutch Size<sup>2</sup>: 3 - 7 eggs

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: 1 - 3

State Endangered<sup>7</sup>: Not applicable

Egg description<sup>2</sup>: White, cream, or pinkish white, with fine rusty-brown spots.

Migratory Bird Treaty Act<sup>8</sup>: Listed

Egg length<sup>2</sup>: 1.7 - 2.1 cm

Bird of Conservation Concern (BCC)<sup>9</sup>: No

Egg width<sup>2</sup>: 1.4 - 1.6 cm

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

Breeding time-frame - Start<sup>5</sup>: Not yet available

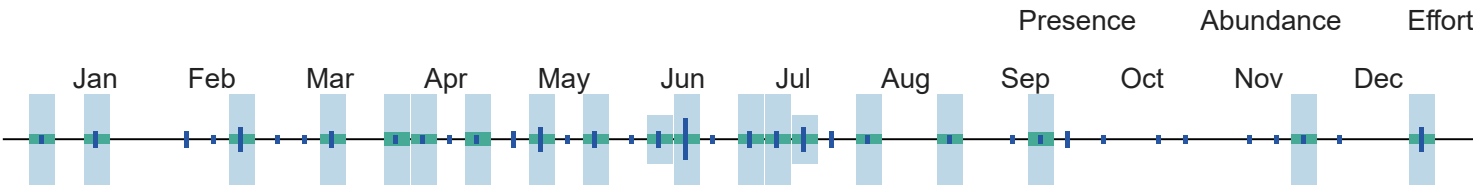
BCRs where BCC Breeding<sup>9</sup>: Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable



Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Cedar  
Waxwing  
*Bombycilla  
cedrorum*

Global: 64,000,000  
Continental U.S. & Canada:  
64,000,000

Common



Alpha Code

Physical Details

Alpha Code<sup>1</sup>: CEDW

Weight<sup>2</sup>: 32 g

Length<sup>2</sup>: 14 - 17 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Open Woodlands

Global Population<sup>4</sup>: 64,000,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate  
Generalist

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 58,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 70,000,000

Continental Population Trend<sup>4</sup>: Moderate to large  
decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 1.88%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 880,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,500,000

% State Population (USA only)<sup>3</sup>: AR - 0.01%  
Lower 95% Bound State<sup>3</sup>: AR - 470  
Upper 95% Bound State<sup>3</sup>: AR - 19,000

Biology

Conservation Status

Food Category<sup>2</sup>: Fruit

Continental Importance<sup>4</sup>: Not yet available

Behavior Category<sup>2</sup>: Foliage Gleaner

Half Life<sup>4</sup>: Not yet available

Nesting Category<sup>2</sup>: Tree

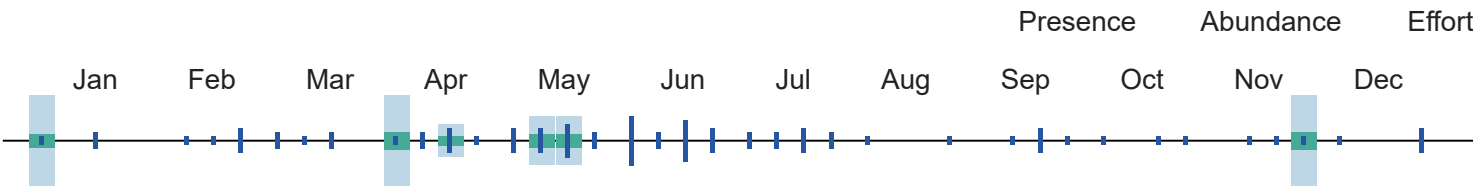
Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: 11 - 13 days

Federally Endangered<sup>6</sup>: No

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Clutch Size</i> <sup>2</sup> : 2 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Pale blue or blue gray sometimes spotted with black or gray.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.6 - 2.9 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.4 - 1.8 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Chestnut-sided Warbler  
*Setophaga pensylvanica*

Global: 18,000,000  
Continental U.S. & Canada: 18,000,000

Common



Alpha Code

*Alpha Code*<sup>1</sup>: CSWA

Physical Details

*Weight*<sup>2</sup>: 10.7 - 14.3 g

*Length*<sup>2</sup>: 12 - 14 cm

Habitat

*Habitat Category*<sup>2</sup>: Open Woodlands

*Primary Breeding Habitat*<sup>4</sup>: Forests, Boreal

Population Information

*Global Population*<sup>4</sup>: 18,000,000

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 16,000,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 21,000,000

*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 0.02%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 650

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 9,600

% State Population (USA only)<sup>3</sup>: AR - 0.02%

Lower 95% Bound State<sup>3</sup>: AR - 0

Upper 95% Bound State<sup>3</sup>: AR - 8,400

Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Shrub

*Incubation Period*<sup>2</sup>: 11 - 12 days

*Clutch Size*<sup>2</sup>: 3 - 5 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: Creamy white or greenish with brown speckles.

*Egg length*<sup>2</sup>: 1.554 - 1.832 cm

*Egg width*<sup>2</sup>: 1.215 - 1.31 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

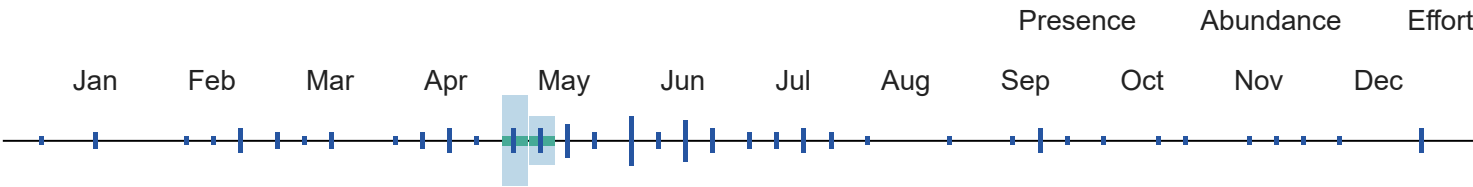
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Chimney  
Swift  
*Chaetura  
pelagica*

Global: 8,800,000  
Continental U.S. & Canada:  
8,800,000

**BCRBCC Breeding:**  
11,12,13,14,18,19,20,21,22,23,24  
,25,26,27,28,29,30,31,36,37

Alpha Code

*Alpha Code*<sup>1</sup>: CHSW

Physical Details

*Weight*<sup>2</sup>: 17 - 30 g

*Length*<sup>2</sup>: 12 - 15 cm

## Habitat

## Population Information

*Habitat Category<sup>2</sup>: Towns*

*Global Population*<sup>4</sup>: 8,800,000

*Primary Breeding Habitat*<sup>4</sup>: Open Country Aerial,  
Developed/Disturbed

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 8,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 9,700,000

*Continental Population Trend*<sup>4</sup>: Significant large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 9.43%  
 Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 610,000  
 Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,100,000

% State Population (USA only)<sup>3</sup>: AR - 3.75%  
Lower 95% Bound State<sup>3</sup>: AR - 170,000  
Upper 95% Bound State<sup>3</sup>: AR - 560,000

## Biology

## Conservation Status

### Food Category<sup>2</sup>: Insects

*Continental Importance*<sup>4</sup>: Orange Watch List; Tipping Point

*Behavior Category*<sup>2</sup>: Aerial Forager

*Half Life*<sup>4</sup>: 26 years

### *Nesting Category<sup>2</sup>: Building*

*Federally Threatened*<sup>6</sup>: No

*Incubation Period*<sup>2</sup>: 16 - 21 days

*Federally Endangered*<sup>6</sup>: No

*Clutch Size*<sup>2</sup>: 3 - 5 eggs

*State Threatened*<sup>7</sup>: Not applicable

*Number of Broods*<sup>2</sup>: 1 - 2

*State Endangered*<sup>7</sup>: Not applicable

*Egg description*<sup>2</sup>: Pure white.

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Egg length*<sup>2</sup>: 1.7 - 2.2 cm

*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes

*Egg width*<sup>2</sup>: 1.2 - 1.4 cm

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Yes

*Breeding time-frame - Start<sup>5</sup>: 15-Mar*

BCRs where BCC Breeding<sup>9</sup>:  
11,12,13,14,18,19,20,21,22,23,24,25,26,27,28,29,30,31,36,4

*Breeding time-frame - Stop<sup>5</sup>: 25-Aug*

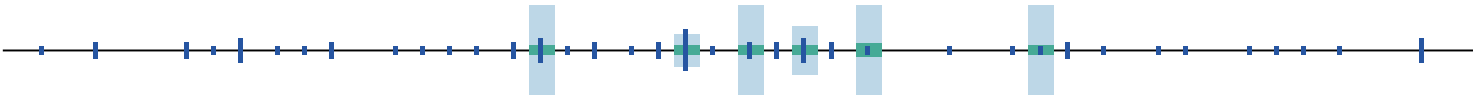
*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

More information on BCR's


## Phenology Graph

Presence      Abundance      Effort

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31					



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Chipping Sparrow

Spizella passerina

Global: 240,000,000

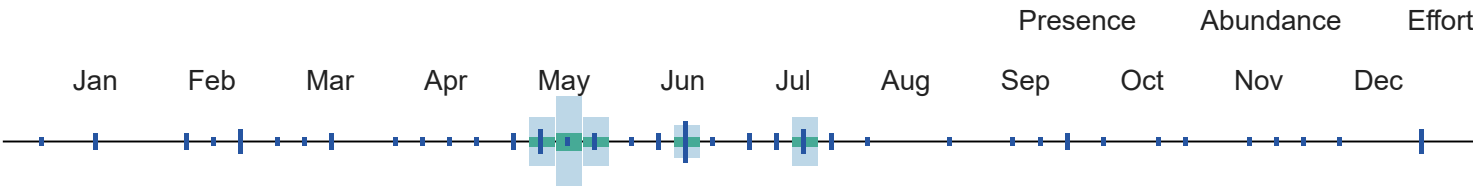
Continental U.S. & Canada: 230,000,000

Common

^

Alpha Code		Physical Details	
Alpha Code <sup>1</sup> : CHSP		Weight <sup>2</sup> : 11 - 16 g	
		Length <sup>2</sup> : 12 - 15 cm	
Habitat		Population Information	
Habitat Category <sup>2</sup> : Open Woodlands		Global Population <sup>4</sup> : 240,000,000	
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Generalist		% Population Estimate USA & Canada <sup>4</sup> : 95.83%	
		Lower 95% Bound USA & Canada <sup>3</sup> : 210,000,000	
		Upper 95% Bound USA & Canada <sup>3</sup> : 250,000,000	
		Continental Population Trend <sup>4</sup> : Moderate to large decrease	
		Regional Population Trend <sup>4</sup> : Not yet available	
		% BCR Population <sup>3</sup> : BCR 24 - 2.71%	
		Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 5,500,000	
		Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 7,600,000	
		% State Population (USA only) <sup>3</sup> : AR - 0.42%	
		Lower 95% Bound State <sup>3</sup> : AR - 710,000	
		Upper 95% Bound State <sup>3</sup> : AR - 1,400,000	
Biology		Conservation Status	
Food Category <sup>2</sup> : Seeds		Continental Importance <sup>4</sup> : Not yet available	
Behavior Category <sup>2</sup> : Ground Forager		Half Life <sup>4</sup> : Not yet available	
Nesting Category <sup>2</sup> : Shrub		Federally Threatened <sup>6</sup> : No	
Incubation Period <sup>2</sup> : 10 - 15 days		Federally Endangered <sup>6</sup> : No	
Clutch Size <sup>2</sup> : 2 - 7 eggs		State Threatened <sup>7</sup> : Not applicable	
Number of Broods <sup>2</sup> : 1 - 3		State Endangered <sup>7</sup> : Not applicable	
Egg description <sup>2</sup> : Pale blue to white, lightly streaked or spotted with black, brown, or purplish.		Migratory Bird Treaty Act <sup>8</sup> : Listed	
Egg length <sup>2</sup> : 1.5 - 2 cm		Bird of Conservation Concern (BCC) <sup>9</sup> : No	

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Cliff Swallow  
*Petrochelidon pyrrhonota*

Global: 83,000,000  
Continental U.S. & Canada:  
78,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: CLSW

Physical Details

Weight<sup>2</sup>: 19 - 34 g

Length<sup>2</sup>: 13 cm

Habitat

Habitat Category<sup>2</sup>: Lakes and Ponds

Population Information

Primary Breeding Habitat<sup>4</sup>: Open Country Aerial, Habitat Mosaic

Global Population<sup>4</sup>: 83,000,000

% Population Estimate USA & Canada<sup>4</sup>: 93.98%  
Lower 95% Bound USA & Canada<sup>3</sup>: 68,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 89,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 1.57%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 750,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,900,000

% State Population (USA only)<sup>3</sup>: AR - 0.48%  
Lower 95% Bound State<sup>3</sup>: AR - 77,000  
Upper 95% Bound State<sup>3</sup>: AR - 960,000

Biology

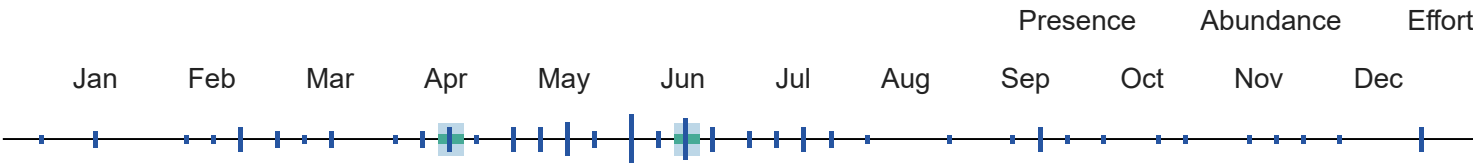
Food Category<sup>2</sup>: Insects

Conservation Status


Continental Importance<sup>4</sup>: Not yet available

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Behavior Category</i> <sup>2</sup> : Aerial Forager	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Cliff	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 10 - 19 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 1 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : White, creamy, or pinkish, with brown speckles or blotches.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.8 - 2.4 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.3 - 1.5 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Common Grackle

*Quiscalus quiscula*

Global: 67,000,000

Continental U.S. & Canada: 67,000,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : COGR	<i>Weight</i> <sup>2</sup> : 74 - 142 g
	<i>Length</i> <sup>2</sup> : 28 - 34 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Open Woodlands	<i>Global Population</i> <sup>4</sup> : 67,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Open Country, Habitat Mosaic	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 61,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 74,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Significant large decrease



Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 5.82%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 2,800,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 5,400,000

% State Population (USA only)<sup>3</sup>: AR - 1.19%  
Lower 95% Bound State<sup>3</sup>: AR - 470,000  
Upper 95% Bound State<sup>3</sup>: AR - 1,300,000

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 11 - 15 days

Clutch Size<sup>2</sup>: 1 - 7 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Light blue, pearl gray, white, or dark brown, usually spotted with brown.

Egg length<sup>2</sup>: 2.5 - 3.3 cm

Egg width<sup>2</sup>: 1.9 - 2.3 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Common Bird in Steep Decline

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

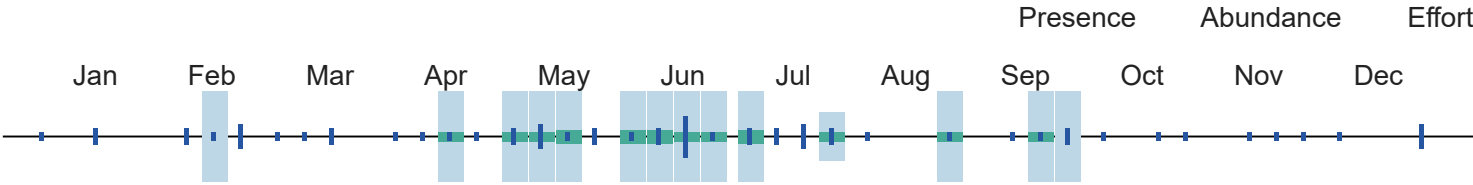
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Common  
Nighthawk  
*Chordeiles  
minor*

Global: 23,000,000  
Continental U.S. & Canada:  
22,000,000

State Endangered: CT, NH, VT

BCRBCC Breeding: 35  
(ssp.henryi only), 28 (ssp. minor  
only)



**Alpha Code***Alpha Code*<sup>1</sup>: CONI**Physical Details***Weight*<sup>2</sup>: 65 - 98 g*Length*<sup>2</sup>: 22 - 24 cm**Habitat***Habitat Category*<sup>2</sup>: Grasslands**Population Information***Global Population*<sup>4</sup>: 23,000,000

*Primary Breeding Habitat*<sup>4</sup>: Open Country Aerial, Habitat Mosaic

*% Population Estimate USA & Canada*<sup>4</sup>: 95.65%

Lower 95% Bound USA & Canada<sup>3</sup>: 19,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 25,000,000

*Continental Population Trend*<sup>4</sup>: Significant large decrease*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 0.10%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 6,700

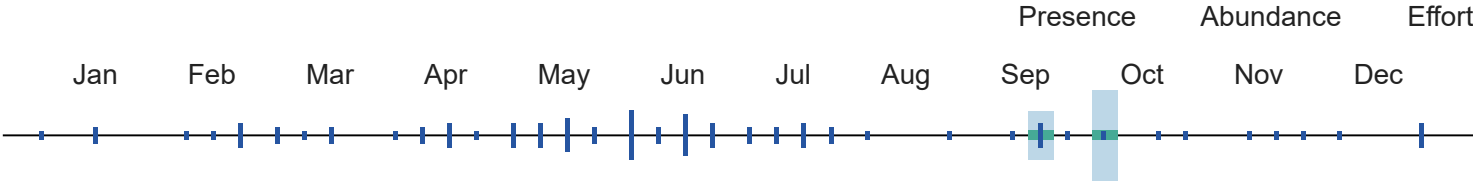
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 49,000

*% State Population (USA only)*<sup>3</sup>: AR - 0.10%

Lower 95% Bound State<sup>3</sup>: AR - 3,400

Upper 95% Bound State<sup>3</sup>: AR - 57,000

**Biology***Food Category*<sup>2</sup>: Insects*Behavior Category*<sup>2</sup>: Aerial Forager*Nesting Category*<sup>2</sup>: Ground*Incubation Period*<sup>2</sup>: 16 - 20 days*Clutch Size*<sup>2</sup>: 2 eggs*Number of Broods*<sup>2</sup>: 1 - 2*Egg description*<sup>2</sup>: Creamy white to pale olive gray, heavily speckled with gray, brown, and black.*Egg length*<sup>2</sup>: 3 cm*Egg width*<sup>2</sup>: 2.1 cm*Breeding time-frame - Start*<sup>5</sup>: 20-May*Breeding time-frame - Stop*<sup>5</sup>: 25-Aug**Conservation Status***Continental Importance*<sup>4</sup>: Common Bird in Steep Decline*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: Not applicable*State Endangered*<sup>7</sup>: CT, NH, VT*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: No - ssp. henryi and ssp. minor only*BCRs where BCC Breeding*<sup>9</sup>: 35 (ssp.henryi only), 28 (ssp. minor only)*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Common

Global: 77,000,000

Continental U.S. & Canada:  
76,000,000

BCRBCC Breeding: 32

^

Yellowthroat

Geothlypis trichas

Alpha Code

Alpha Code<sup>1</sup>: COYE

Physical Details

Weight<sup>2</sup>: 9 - 10 g

Length<sup>2</sup>: 11 - 13 cm

Habitat

Habitat Category<sup>2</sup>: Scrub

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat Mosaic

Population Information

Global Population<sup>4</sup>: 77,000,000

% Population Estimate USA & Canada<sup>4</sup>: 98.70%

Lower 95% Bound USA & Canada<sup>3</sup>: 71,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 80,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 3.77%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 2,400,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 3,400,000

% State Population (USA only)<sup>3</sup>: AR - 0.74%

Lower 95% Bound State<sup>3</sup>: AR - 400,000

Upper 95% Bound State<sup>3</sup>: AR - 780,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Shrub

Incubation Period<sup>2</sup>: 12 days

Clutch Size<sup>2</sup>: 1 - 6 eggs

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

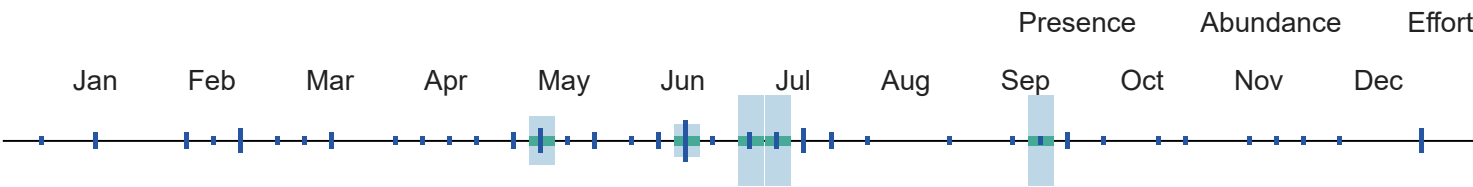
Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No


State Threatened<sup>7</sup>: Not applicable

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : White with markings of gray, lilac, reddish-brown, or black.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.5 - 2 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : Yes
<i>Egg width</i> <sup>2</sup> : 1.2 - 1.5 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : No - ssp. sinuosa only
<i>Breeding time-frame - Start</i> <sup>5</sup> : 20-May	<i>BCRs where BCC Breeding</i> <sup>9</sup> : 32
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 31-Jul	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Cooper's Hawk

*Accipiter cooperii*

Global: 1,000,000

Continental U.S. & Canada: 840,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : COHA	<i>Weight</i> <sup>2</sup> : 220 - 410 g
	<i>Length</i> <sup>2</sup> : 37 - 39 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Forests	<i>Global Population</i> <sup>4</sup> : 1,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Generalist	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 84.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 770,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 920,000
	<i>Continental Population Trend</i> <sup>4</sup> : Significant large increase
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available
	<i>% BCR Population</i> <sup>3</sup> : BCR 24 - 6.10%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 43,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 81,000

% State Population (USA only)<sup>3</sup>: AR - 1.40%

Lower 95% Bound State<sup>3</sup>: AR - 3,200

Upper 95% Bound State<sup>3</sup>: AR - 30,000

Biology

Food Category<sup>2</sup>: Birds

Behavior Category<sup>2</sup>: Aerial Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 30 - 36 days

Clutch Size<sup>2</sup>: 2 - 6 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Pale blue to bluish white.

Egg length<sup>2</sup>: 4.4 - 5.1 cm

Egg width<sup>2</sup>: 3.5 - 4 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

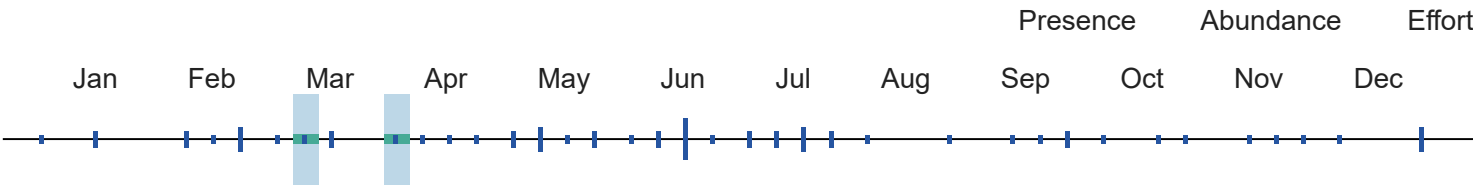
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Dark-eyed Junco  
*Junco hyemalis*

Global: 220,000,000  
Continental U.S. & Canada:  
220,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: DEJU

Physical Details

Weight<sup>2</sup>: 18 - 30 g

Length<sup>2</sup>: 14 - 16 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Generalist

Global Population<sup>4</sup>: 220,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 200,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 250,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Conservation Status

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 12 - 13 days

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 3

Egg description<sup>2</sup>: White, gray, pale bluish white, or pale-greenish white speckled with brown, gray and green. Occasionally unmarked.

Egg length<sup>2</sup>: 1.9 - 2.1 cm

Egg width<sup>2</sup>: 1.5 - 1.6 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

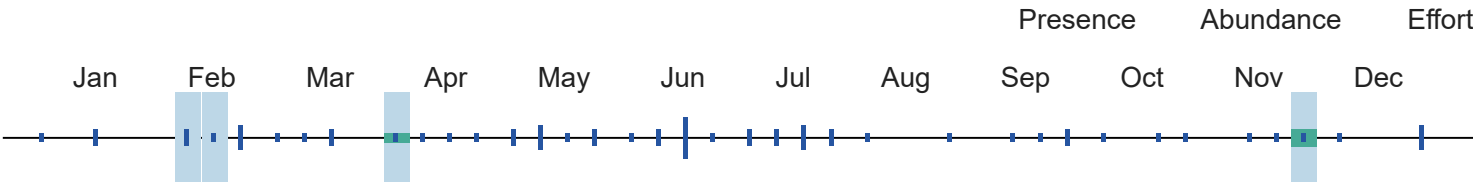
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Dickcissel**  
*Spiza*  
*americana*

Global: 28,000,000  
Continental U.S. & Canada:  
28,000,000

**State Endangered:** PA

**BCRBCC Breeding:** 37



**Alpha Code**

*Alpha Code*<sup>1</sup>: DICK

**Physical Details**

*Weight*<sup>2</sup>: 25.6 - 38.4 g

*Length*<sup>2</sup>: 14 - 16 cm

**Habitat**

*Habitat Category*<sup>2</sup>: Grasslands

*Primary Breeding Habitat*<sup>4</sup>: Grasslands, Temperate

**Population Information**

*Global Population*<sup>4</sup>: 28,000,000

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 24,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 32,000,000

*Continental Population Trend*<sup>4</sup>: Small increase or stable

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 5.00%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 940,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,000,000

*% State Population (USA only)*<sup>3</sup>: AR - 5.00%  
Lower 95% Bound State<sup>3</sup>: AR - 870,000  
Upper 95% Bound State<sup>3</sup>: AR - 2,100,000

**Biology**

*Food Category*<sup>2</sup>: Seeds

*Behavior Category*<sup>2</sup>: Ground Forager

*Nesting Category*<sup>2</sup>: Shrub

*Incubation Period*<sup>2</sup>: 12 - 13 days

*Clutch Size*<sup>2</sup>: 3 - 6 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: Unmarked, pale blue.

*Egg length*<sup>2</sup>: 2 - 2.2 cm

*Egg width*<sup>2</sup>: 1.6 - 1.7 cm

*Breeding time-frame - Start*<sup>5</sup>: 5-May

*Breeding time-frame - Stop*<sup>5</sup>: 31-Aug

**Conservation Status**

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: PA

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

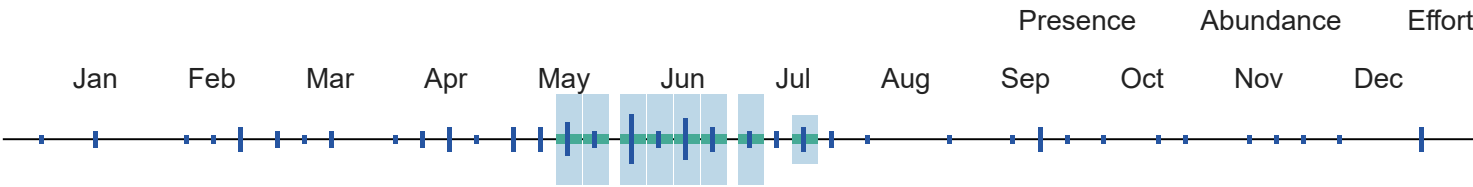
*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes

*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: No


*BCRs where BCC Breeding*<sup>9</sup>: 37

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Downy

Global: 13,000,000  
Continental U.S. & Canada:  
13,000,000

Common

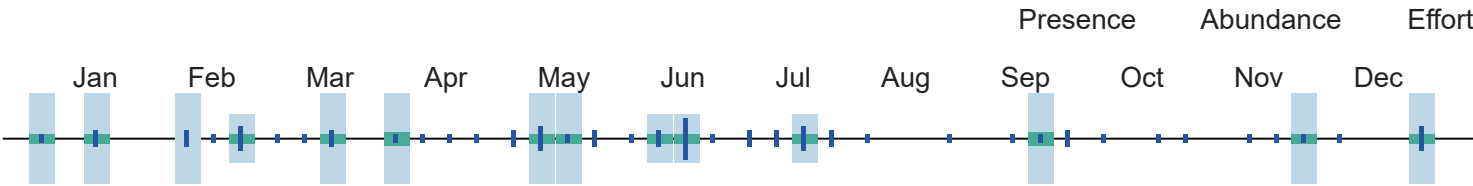
^

Woodpecker  
*Dryobates pubescens*


Alpha Code		Physical Details	
Alpha Code <sup>1</sup> : DOWO		Weight <sup>2</sup> : 21 - 28 g	
		Length <sup>2</sup> : 14 - 17 cm	
Habitat		Population Information	
Habitat Category <sup>2</sup> : Forests		Global Population <sup>4</sup> : 13,000,000	
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Generalist		% Population Estimate USA & Canada <sup>4</sup> : 100.00%	
		Lower 95% Bound USA & Canada <sup>3</sup> : 13,000,000	
		Upper 95% Bound USA & Canada <sup>3</sup> : 14,000,000	
		Continental Population Trend <sup>4</sup> : Small or uncertain decrease	
		Regional Population Trend <sup>4</sup> : Not yet available	
		% BCR Population <sup>3</sup> : BCR 24 - 8.46%	
		Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 930,000	
		Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 1,300,000	
		% State Population (USA only) <sup>3</sup> : AR - 3.77%	
		Lower 95% Bound State <sup>3</sup> : AR - 370,000	
		Upper 95% Bound State <sup>3</sup> : AR - 630,000	
Biology		Conservation Status	
Food Category <sup>2</sup> : Insects		Continental Importance <sup>4</sup> : Not yet available	
Behavior Category <sup>2</sup> : Bark Forager		Half Life <sup>4</sup> : Not yet available	
Nesting Category <sup>2</sup> : Cavity		Federally Threatened <sup>6</sup> : No	

<i>Incubation Period</i> <sup>2</sup> : 12 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 3 - 8 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Completely white.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.9 - 2 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.4 - 1.5 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Eastern Bluebird

*Sialia sialis*

Global: 23,000,000

Continental U.S. & Canada: 21,000,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : EABL	<i>Weight</i> <sup>2</sup> : 28 - 32 g
	<i>Length</i> <sup>2</sup> : 16 - 21 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Grasslands	<i>Global Population</i> <sup>4</sup> : 23,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Eastern	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 91.30%
	Lower 95% Bound USA & Canada <sup>3</sup> : 20,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 23,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Significant large increase
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available



% *BCR Population*<sup>3</sup>: BCR 24 - 12.61%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 2,400,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 3,400,000

% *State Population (USA only)*<sup>3</sup>: AR - 3.74%  
Lower 95% Bound State<sup>3</sup>: AR - 620,000  
Upper 95% Bound State<sup>3</sup>: AR - 1,100,000

Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Ground Forager

*Nesting Category*<sup>2</sup>: Cavity

*Incubation Period*<sup>2</sup>: 11 - 19 days

*Clutch Size*<sup>2</sup>: 2 - 7 eggs

*Number of Broods*<sup>2</sup>: 1 - 3

*Egg description*<sup>2</sup>: Pale blue or, rarely, white.

*Egg length*<sup>2</sup>: 1.8 - 2.4 cm

*Egg width*<sup>2</sup>: 1.5 - 1.9 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

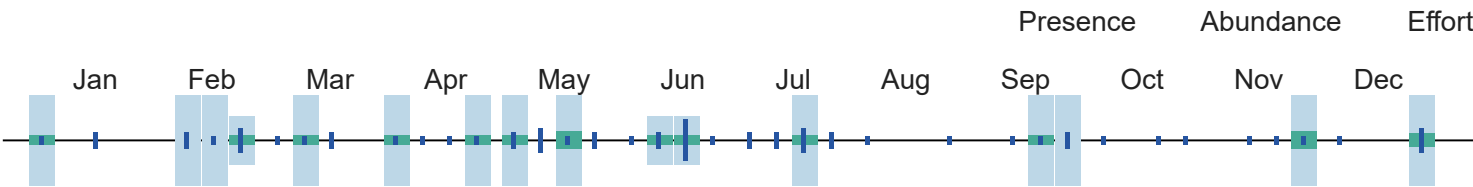
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Eastern Kingbird  
*Tyrannus tyrannus*

Global: 26,000,000  
Continental U.S. & Canada:  
26,000,000

Common



Alpha Code

*Alpha Code*<sup>1</sup>: EAKI

Physical Details

*Weight*<sup>2</sup>: 33 - 55 g

Length<sup>2</sup>: 19 - 23 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Grasslands

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat Mosaic

Global Population<sup>4</sup>: 26,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 24,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 28,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 5.77%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 1,200,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,800,000

% State Population (USA only)<sup>3</sup>: AR - 2.08%

Lower 95% Bound State<sup>3</sup>: AR - 370,000

Upper 95% Bound State<sup>3</sup>: AR - 770,000

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Flycatching

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 14 - 17 days

Clutch Size<sup>2</sup>: 2 - 5 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Pale and smooth with a striking ring of irregular reddish spots. Usually oval but variable in shape.

Egg length<sup>2</sup>: 2.1 - 2.7 cm

Egg width<sup>2</sup>: 1.6 - 2 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

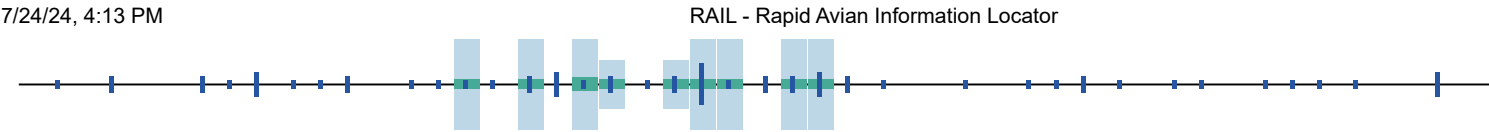
BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable


[More information on BCR's](#)

Phenology Graph

												Presence	Abundance	Effort
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Eastern Meadowlark

*Sturnella magna*

Global: 34,000,000

Continental U.S. & Canada:  
2,900,000

State Threatened: CT

BCRBCC Breeding: 13,20,35,36

^

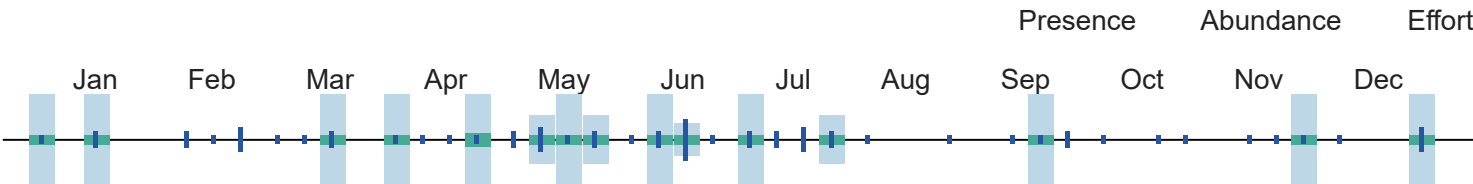
Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : EAME	<i>Weight</i> <sup>2</sup> : 90 - 150 g
	<i>Length</i> <sup>2</sup> : 19 - 26 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Grasslands	<i>Global Population</i> <sup>4</sup> : 34,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Grasslands, Temperate	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 8.53%
	Lower 95% Bound USA & Canada <sup>3</sup> : 22,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 27,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Significant large decrease
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available
	<i>% BCR Population</i> <sup>3</sup> : BCR 24 - 8.53%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 2,200,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 3,900,000
	<i>% State Population (USA only)</i> <sup>3</sup> : AR - 2.24%
	Lower 95% Bound State <sup>3</sup> : AR - 450,000
	Upper 95% Bound State <sup>3</sup> : AR - 1,100,000
Biology	Conservation Status
<i>Food Category</i> <sup>2</sup> : Insects	<i>Continental Importance</i> <sup>4</sup> : Common Bird in Steep Decline
<i>Behavior Category</i> <sup>2</sup> : Ground Forager	<i>Half Life</i> <sup>4</sup> : 29 years
<i>Nesting Category</i> <sup>2</sup> : Ground	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 13 - 16 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 2 - 7 eggs	<i>State Threatened</i> <sup>7</sup> : CT
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : White, with variable speckles or spots.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 2.2 - 3.1 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : Yes




7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Food Category</i> <sup>2</sup> : Insects	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Flycatching	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Building	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 15 - 16 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 2 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : White, sometimes speckled with reddish brown	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.8 - 2.1 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.4 - 1.7 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Eastern Towhee

*Pipilo*

Global: 29,000,000

Continental U.S. & Canada: 29,000,000

Common

^

*erythrophthalmus*

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : EATO	<i>Weight</i> <sup>2</sup> : 32 - 52 g
	<i>Length</i> <sup>2</sup> : 17.3 - 20.8 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Scrub	<i>Global Population</i> <sup>4</sup> : 29,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Eastern	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	<i>Lower 95% Bound USA &amp; Canada</i> <sup>3</sup> : 27,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 32,000,000

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 9.31%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 2,300,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 3,200,000

% State Population (USA only)<sup>3</sup>: AR - 1.69%  
Lower 95% Bound State<sup>3</sup>: AR - 350,000  
Upper 95% Bound State<sup>3</sup>: AR - 670,000

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 12 - 13 days

Clutch Size<sup>2</sup>: 2 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 3

Egg description<sup>2</sup>: Creamy, grayish, pinkish, or greenish white, spotted and speckled with brown, reddish brown, purple and gray.

Egg length<sup>2</sup>: 2 - 2.6 cm

Egg width<sup>2</sup>: 1.7 - 1.9 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Orange Watch List; Tipping Point

Half Life<sup>4</sup>: 29 years

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

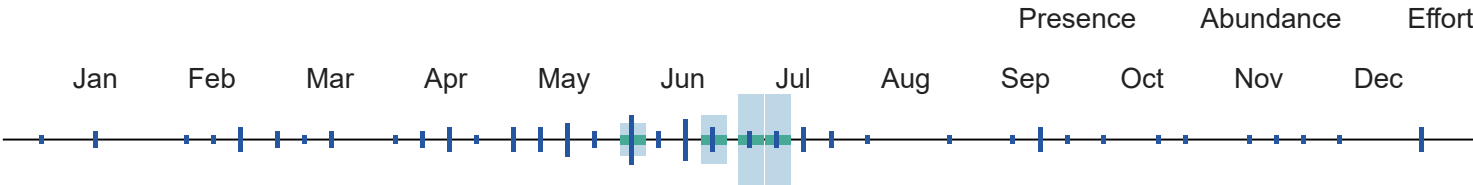
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Pewee**  
*Contopus*  
*virens*

6,500,000

**Alpha Code***Alpha Code*<sup>1</sup>: EAWP**Physical Details***Weight*<sup>2</sup>: 10 - 19 g*Length*<sup>2</sup>: 15 cm**Habitat***Habitat Category*<sup>2</sup>: Forests**Population Information***Global Population*<sup>4</sup>: 6,500,000

*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Eastern

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 5,900,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 7,000,000

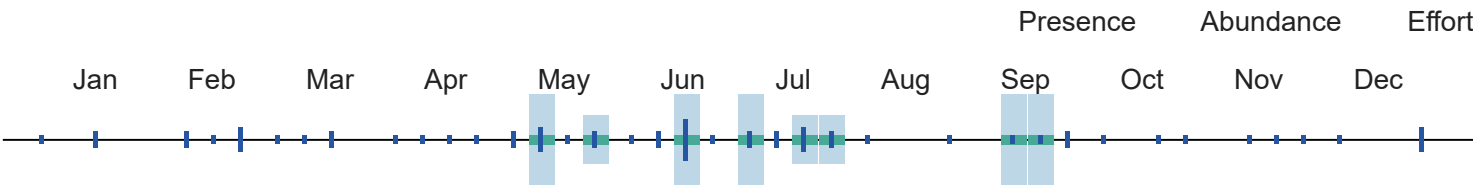
*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 20.00%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 960,000  
*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 1,600,000

*% State Population (USA only)*<sup>3</sup>: AR - 5.23%  
*Lower 95% Bound State*<sup>3</sup>: AR - 220,000  
*Upper 95% Bound State*<sup>3</sup>: AR - 470,000

**Biology***Food Category*<sup>2</sup>: Insects*Behavior Category*<sup>2</sup>: Flycatching*Nesting Category*<sup>2</sup>: Tree*Incubation Period*<sup>2</sup>: 12 - 14 days*Clutch Size*<sup>2</sup>: 2 - 4 eggs*Number of Broods*<sup>2</sup>: Not yet available*Egg description*<sup>2</sup>: White or creamy with a wreath of brown or purple speckles.*Egg length*<sup>2</sup>: 1.7 - 2.1 cm*Egg width*<sup>2</sup>: 1.3 - 1.4 cm*Breeding time-frame - Start*<sup>5</sup>: Not yet available*Breeding time-frame - Stop*<sup>5</sup>: Not yet available**Conservation Status***Continental Importance*<sup>4</sup>: Not yet available*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: Not applicable*State Endangered*<sup>7</sup>: Not applicable*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.

EGGO	Egyptian Goose		Global: Not yet available		^
	Alopochen aegyptiaca		Continental U.S. & Canada: Not yet available		
Alpha Code		Physical Details			
Alpha Code <sup>1</sup> : Not applicable		Weight <sup>2</sup> : Not yet available			
		Length <sup>2</sup> : Not yet available			
Habitat		Population Information			
Habitat Category <sup>2</sup> : Not yet available		Global Population <sup>4</sup> : Not yet available			
Primary Breeding Habitat <sup>4</sup> : Not yet available		% Population Estimate USA & Canada <sup>4</sup> : Not yet available			
		Lower 95% Bound USA & Canada <sup>3</sup> : Not yet available			
		Upper 95% Bound USA & Canada <sup>3</sup> : Not yet available			
		Continental Population Trend <sup>4</sup> : Not yet available			
		Regional Population Trend <sup>4</sup> : Not yet available			
		% BCR Population <sup>3</sup> : Not yet available			
		Lower 95% Bound BCR <sup>3</sup> : Not yet available			
		Upper 95% Bound BCR <sup>3</sup> : Not yet available			
		% State Population (USA only) <sup>3</sup> : Not yet available			
		Lower 95% Bound State <sup>3</sup> : Not yet available			
		Upper 95% Bound State <sup>3</sup> : Not yet available			
Biology		Conservation Status			
Food Category <sup>2</sup> : Not yet available		Continental Importance <sup>4</sup> : Not yet available			
Behavior Category <sup>2</sup> : Not yet available		Half Life <sup>4</sup> : Not yet available			
Nesting Category <sup>2</sup> : Not yet available		Federally Threatened <sup>6</sup> : No			
Incubation Period <sup>2</sup> : Not yet available		Federally Endangered <sup>6</sup> : No			
Clutch Size <sup>2</sup> : Not yet available		State Threatened <sup>7</sup> : Not applicable			





% State Population (USA only)<sup>3</sup>: AR - 0.16%

Lower 95% Bound State<sup>3</sup>: AR - 79,000

Upper 95% Bound State<sup>3</sup>: AR - 220,000

Biology

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 14 - 19 days

Clutch Size<sup>2</sup>: 1 - 2 eggs

Number of Broods<sup>2</sup>: 3 - 6

Egg description<sup>2</sup>: Smooth, white, slightly glossy.

Egg length<sup>2</sup>: 2.7 - 3.1 cm

Egg width<sup>2</sup>: 2.1 - 2.4 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Not Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

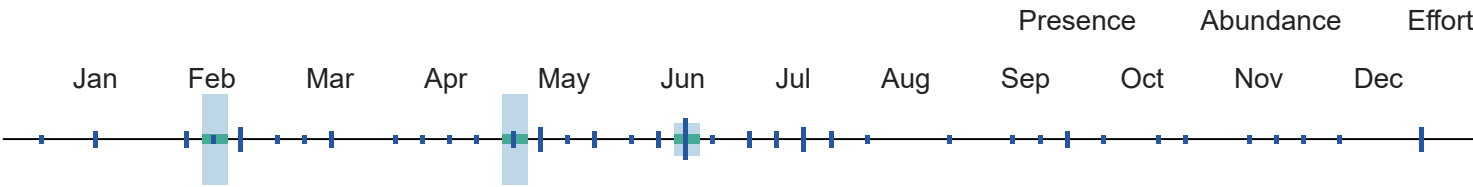
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

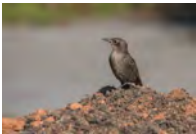
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



European  
Starling  
*Sturnus  
vulgaris*

Global: 250,000,000  
Continental U.S. & Canada:  
93,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: EUST

Physical Details

Weight<sup>2</sup>: 60 - 96 g

Length<sup>2</sup>: 20 - 23 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Towns

Primary Breeding Habitat<sup>4</sup>: Open Country, Developed/Disturbed

Global Population<sup>4</sup>: 250,000,000

% Population Estimate USA & Canada<sup>4</sup>: 37.20%

Lower 95% Bound USA & Canada<sup>3</sup>: 86,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 100,000,000

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 2.80%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 5,100,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 9,300,000

% State Population (USA only)<sup>3</sup>: AR - 0.48%

Lower 95% Bound State<sup>3</sup>: AR - 640,000

Upper 95% Bound State<sup>3</sup>: AR - 2,000,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Cavity

Incubation Period<sup>2</sup>: 12 days

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Bluish or greenish white.

Egg length<sup>2</sup>: 2.7 - 3.2 cm

Egg width<sup>2</sup>: 1.9 - 2.3 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Not Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

The Phenology Graph displays three data series across the months of the year (Jan to Dec):

- Presence:** Represented by light blue vertical bars. It shows presence from January through July, with a small bar in December.
- Abundance:** Represented by green vertical bars. It shows abundance from June through November, with the highest concentration in October and November.
- Effort:** Represented by small blue vertical ticks. It shows effort across all months from January to December.

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.

<https://data.pointblue.org/apps/rail/>

64/191



**Field Sparrow**  
*Spizella pusilla*

Global: 9,300,000  
Continental U.S. & Canada:  
9,300,000

**BCRBCC Breeding: 20,24**



**Alpha Code**

*Alpha Code*<sup>1</sup>: FISP

**Physical Details**

*Weight*<sup>2</sup>: 11 - 15 g

*Length*<sup>2</sup>: 12 - 15 cm

**Habitat**

*Habitat Category*<sup>2</sup>: Scrub

*Primary Breeding Habitat*<sup>4</sup>: Open Country, Habitat Mosaic

**Population Information**

*Global Population*<sup>4</sup>: 9,300,000

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 8,300,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 10,000,000

*Continental Population Trend*<sup>4</sup>: Significant large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 21.51%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 1,500,000  
*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 2,500,000

*% State Population (USA only)*<sup>3</sup>: AR - 2.47%  
*Lower 95% Bound State*<sup>3</sup>: AR - 130,000  
*Upper 95% Bound State*<sup>3</sup>: AR - 380,000

**Biology**

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Ground Forager

*Nesting Category*<sup>2</sup>: Ground

*Incubation Period*<sup>2</sup>: 10 - 17 days

*Clutch Size*<sup>2</sup>: 1 - 5 eggs

*Number of Broods*<sup>2</sup>: 1 - 5

*Egg description*<sup>2</sup>: White to creamy, spotted with pale purple, reddish-brown, or gray.

*Egg length*<sup>2</sup>: 1.5 - 2.1 cm

*Egg width*<sup>2</sup>: 1.1 - 1.5 cm

*Breeding time-frame - Start*<sup>5</sup>: 1-Mar

*Breeding time-frame - Stop*<sup>5</sup>: 15-Aug

**Conservation Status**

*Continental Importance*<sup>4</sup>: Yellow Watch List; Tipping Point

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes

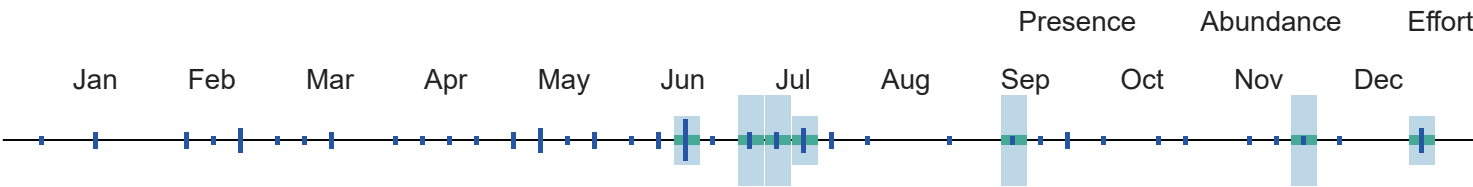
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: No

*BCRs where BCC Breeding*<sup>9</sup>: 20,24

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Fish Crow  
*Corvus*  
*ossifragus*

Global: 470,000  
Continental U.S. & Canada:  
470,000

Common



Alpha Code

Alpha Code<sup>1</sup>: FICR

Physical Details

Weight<sup>2</sup>: 195 - 330 g

Length<sup>2</sup>: 36 - 40 cm

Habitat

Habitat Category<sup>2</sup>: Shorelines

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat Mosaic

Population Information

Global Population<sup>4</sup>: 470,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 400,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 540,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 2.98%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 8,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 21,000

% State Population (USA only)<sup>3</sup>: AR - 5.53%  
Lower 95% Bound State<sup>3</sup>: AR - 16,000  
Upper 95% Bound State<sup>3</sup>: AR - 41,000

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Tree

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Incubation Period<sup>2</sup>: 16 - 19 days

Clutch Size<sup>2</sup>: 2 - 6 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Pale bluish green with brown markings.

Egg length<sup>2</sup>: 3.3 - 4.2 cm

Egg width<sup>2</sup>: 2.5 - 3 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

The Phenology Graph displays data across the months of the year (Jan to Dec). The graph is divided into three sections: Presence (blue vertical bars), Abundance (green vertical bars), and Effort (blue vertical bars). Presence is observed from April to July. Abundance is observed from April to July. Effort is observed from April to July.

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Fox Sparrow

Passerella iliaca

Global: 35,000,000

Continental U.S. & Canada: 35,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: FOSP

Physical Details

Weight<sup>2</sup>: 26 - 44 g

Length<sup>2</sup>: 15 - 19 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 35,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 27,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 44,000,000

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available

https://data.pointblue.org/apps/rail/

67/191

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 12 - 14 days

Clutch Size<sup>2</sup>: 2 - 5 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Pale bluish green, with bold splotches or cloudy markings of reddish brown.

Egg length<sup>2</sup>: 2.1 - 2.4 cm

Egg width<sup>2</sup>: 1.6 - 1.8 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

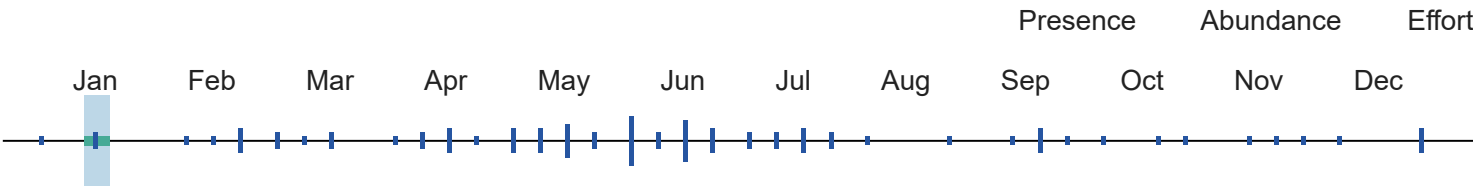
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Gadwall  
*Mareca strepera*

Global: 4,400,000  
Continental U.S. & Canada:  
3,400,000

Common



Alpha Code

Alpha Code<sup>1</sup>: GADW

Physical Details

Weight<sup>2</sup>: 500 - 1250 g

Length<sup>2</sup>: 46 - 57 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Marshes

Primary Breeding Habitat<sup>4</sup>: Wetlands, Seasonally Wet Grasslands

Global Population<sup>4</sup>: 4,400,000

% Population Estimate USA & Canada<sup>4</sup>: 77.27%

Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available

Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Conservation Status

Food Category<sup>2</sup>: Plants

Behavior Category<sup>2</sup>: Dabbler

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 24 - 27 days

Clutch Size<sup>2</sup>: 7 - 12 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Not yet available

Egg length<sup>2</sup>: 4.9 - 6 cm

Egg width<sup>2</sup>: 3.4 - 4.4 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

The Phenology Graph displays data across the twelve months of the year (Jan to Dec). The x-axis represents the months. The y-axis has three categories: Presence (indicated by blue vertical bars), Abundance (indicated by green vertical bars), and Effort (indicated by red vertical bars). The graph shows that the species is present throughout the year, with abundance peaking in January and February, and effort being recorded in January, February, and December.

Month	Presence	Abundance	Effort
Jan	Yes	Yes	Yes
Feb	Yes	Yes	Yes
Mar	Yes	No	No
Apr	Yes	No	No
May	Yes	No	No
Jun	Yes	No	No
Jul	Yes	No	No
Aug	Yes	No	No
Sep	Yes	No	No
Oct	Yes	No	No
Nov	Yes	No	No
Dec	Yes	No	Yes

https://data.pointblue.org/apps/rail/

69/191



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Golden-crowned Kinglet**  
*Regulus satrapa*

Global: 140,000,000  
Continental U.S. & Canada:  
130,000,000

**Common**



**Alpha Code**

*Alpha Code*<sup>1</sup>: GCKI

**Physical Details**

*Weight*<sup>2</sup>: 4 - 8 g

*Length*<sup>2</sup>: 8 - 11 cm

**Habitat**

*Habitat Category*<sup>2</sup>: Forests

*Primary Breeding Habitat*<sup>4</sup>: Forests, Boreal

**Population Information**

*Global Population*<sup>4</sup>: 140,000,000

*% Population Estimate USA & Canada*<sup>4</sup>: 92.86%

Lower 95% Bound USA & Canada<sup>3</sup>: 100,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 170,000,000

*Continental Population Trend*<sup>4</sup>: Significant large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

*% State Population (USA only)*<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

**Biology**

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Tree

*Incubation Period*<sup>2</sup>: 15 days

*Clutch Size*<sup>2</sup>: 3 - 11 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: White or creamy, speckled with pale brown and lilac.

*Egg length*<sup>2</sup>: 1.2 - 1.5 cm

*Egg width*<sup>2</sup>: 0.7 - 1.1 cm

**Conservation Status**

*Continental Importance*<sup>4</sup>: Common Bird in Steep Decline

*Half Life*<sup>4</sup>: 17 years

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

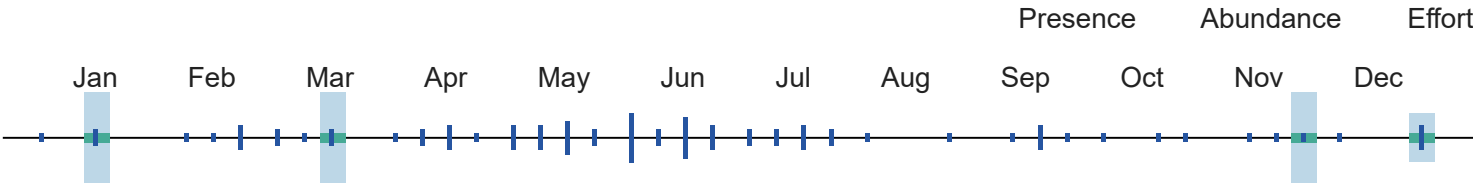
*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Golden-winged Warbler  
*Vermivora chrysoptera*

Global: 390,000  
Continental U.S. & Canada: 390,000

State Endangered: MA, CT, NJ, IN

BCRBCC Breeding: 11,12,13,23,28

Alpha Code

Alpha Code<sup>1</sup>: GWWA

Physical Details

Weight<sup>2</sup>: 8 - 11 g

Length<sup>2</sup>: 13 cm

Habitat

Habitat Category<sup>2</sup>: Open Woodlands

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

Population Information

Global Population<sup>4</sup>: 390,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 270,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 540,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Conservation Status

Continental Importance<sup>4</sup>: Yellow Watch List; Tipping Point

7/24/24, 4:13 PM

RAIL - Rapid Avian Information Locator

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 10 - 12 days

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Pale pink or pale cream, with fine streaks or small blotches

Egg length<sup>2</sup>: 1.4 - 1.9 cm

Egg width<sup>2</sup>: 1.1 - 1.4 cm

Breeding time-frame - Start<sup>5</sup>: 1-May

Breeding time-frame - Stop<sup>5</sup>: 20-Jul

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: MA, CT, NJ, IN

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: Yes

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Yes

BCRs where BCC Breeding<sup>9</sup>: 11,12,13,23,28

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

The Phenology Graph displays three data series: Presence (blue vertical bars), Abundance (green vertical bars), and Effort (red vertical bars) across the months of the year. The x-axis is labeled with months from Jan to Dec. The y-axis represents the magnitude of each metric. A legend at the top right identifies the three series. The graph shows a significant peak in all three metrics during the month of May, with a smaller peak in June. The presence of the bird is recorded throughout the year, with a higher frequency during the breeding season (May to July).

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Global: 34,000,000  
Continental U.S. & Canada:  
33,000,000

**Federally Endangered:** Ssp. floridanus only - wherever found

**State Threatened:** MA, NH, NJ, VT

**State Endangered:** CT, ME, (NM-ssp. ammolegus only)

**BCRBCC Breeding:** 11,17,18,20,22,23,24,27,29,30

Grasshopper Sparrow  
*Ammodramus savannarum*

Alpha Code

Alpha Code<sup>1</sup>: GRSP

Habitat

Habitat Category<sup>2</sup>: Grasslands

Physical Details

Weight<sup>2</sup>: 14 - 20 g

Length<sup>2</sup>: 10.8 - 11.5 cm

Population Information

Global Population<sup>4</sup>: 34,000,000

<https://data.pointblue.org/apps/rail/>

72/191

*Primary Breeding Habitat*<sup>4</sup>: Grasslands, Temperate

*% Population Estimate USA & Canada*<sup>4</sup>: 97.06%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 30,000,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 38,000,000

*Continental Population Trend*<sup>4</sup>: Significant large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 2.09%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 510,000  
*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 950,000

*% State Population (USA only)*<sup>3</sup>: AR - 0.29%  
*Lower 95% Bound State*<sup>3</sup>: AR - 24,000  
*Upper 95% Bound State*<sup>3</sup>: AR - 200,000

**Biology**

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Ground Forager

*Nesting Category*<sup>2</sup>: Ground

*Incubation Period*<sup>2</sup>: 11 - 13 days

*Clutch Size*<sup>2</sup>: 3 - 7 eggs

*Number of Broods*<sup>2</sup>: 2 - 4

*Egg description*<sup>2</sup>: White with light reddish brown speckles.

*Egg length*<sup>2</sup>: 1.5 - 2.1 cm

*Egg width*<sup>2</sup>: 1.4 - 1.5 cm

*Breeding time-frame - Start*<sup>5</sup>: 1-Jun

*Breeding time-frame - Stop*<sup>5</sup>: 20-Aug

**Conservation Status**

*Continental Importance*<sup>4</sup>: Common Bird in Steep Decline

*Half Life*<sup>4</sup>: 15 years

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: Ssp. floridanus only - wherever found

*State Threatened*<sup>7</sup>: MA, NH, NJ, VT

*State Endangered*<sup>7</sup>: CT, ME, (NM- ssp. ammolegus only)

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes

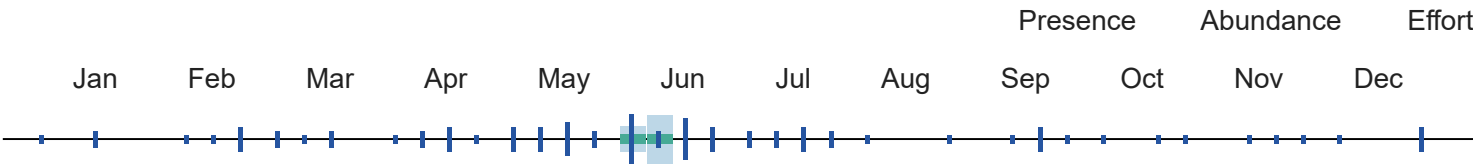
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: No - ssp. perpallidus and pratensis only

*BCRs where BCC Breeding*<sup>9</sup>:  
11,17,18,20,22,23,24,27,29,30


*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

**Phenology Graph**



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Gray Catbird

Dumetella carolinensis

Global: 29,000,000

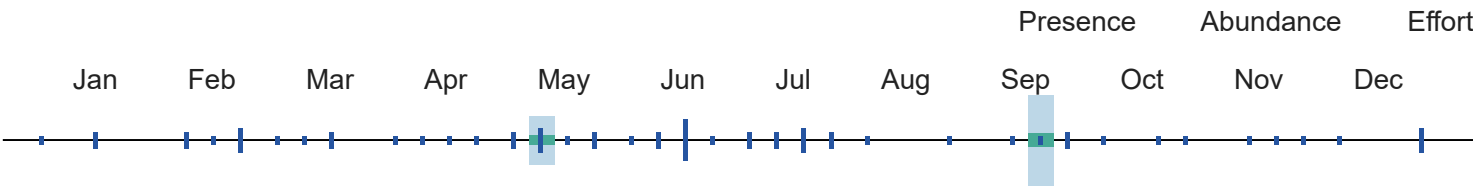
Continental U.S. & Canada: 29,000,000

Common

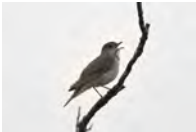
^

Alpha Code		Physical Details	
Alpha Code <sup>1</sup> : GRCA		Weight <sup>2</sup> : 23.2 - 56.5 g	
		Length <sup>2</sup> : 21 - 24 cm	
Habitat		Population Information	
Habitat Category <sup>2</sup> : Open Woodlands		Global Population <sup>4</sup> : 29,000,000	
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Eastern		% Population Estimate USA & Canada <sup>4</sup> : 100.00%	
		Lower 95% Bound USA & Canada <sup>3</sup> : 27,000,000	
		Upper 95% Bound USA & Canada <sup>3</sup> : 31,000,000	
		Continental Population Trend <sup>4</sup> : Significant large increase	
		Regional Population Trend <sup>4</sup> : Not yet available	
		% BCR Population <sup>3</sup> : BCR 24 - 2.21%	
		Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 490,000	
		Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 820,000	
		% State Population (USA only) <sup>3</sup> : AR - 0.18%	
		Lower 95% Bound State <sup>3</sup> : AR - 32,000	
		Upper 95% Bound State <sup>3</sup> : AR - 82,000	
Biology		Conservation Status	
Food Category <sup>2</sup> : Insects		Continental Importance <sup>4</sup> : Not yet available	
Behavior Category <sup>2</sup> : Ground Forager		Half Life <sup>4</sup> : Not yet available	
Nesting Category <sup>2</sup> : Shrub		Federally Threatened <sup>6</sup> : No	
Incubation Period <sup>2</sup> : 12 - 15 days		Federally Endangered <sup>6</sup> : No	
Clutch Size <sup>2</sup> : 1 - 6 eggs		State Threatened <sup>7</sup> : Not applicable	
Number of Broods <sup>2</sup> : 2 - 3		State Endangered <sup>7</sup> : Not applicable	
Egg description <sup>2</sup> : Turquoise green, sometimes with small red spots.		Migratory Bird Treaty Act <sup>8</sup> : Listed	
Egg length <sup>2</sup> : 2.2 - 2.6 cm		Bird of Conservation Concern (BCC) <sup>9</sup> : No	
Egg width <sup>2</sup> : 1.2 - 1.6 cm		BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands <sup>9,10</sup> : Not applicable	
Breeding time-frame - Start <sup>5</sup> : Not yet available		BCRs where BCC Breeding <sup>9</sup> : Not applicable	

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Gray-cheeked Thrush  
*Catharus minimus*

Global: 46,000,000  
Continental U.S. & Canada: 42,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: GCTH

Physical Details

Weight<sup>2</sup>: 26 - 30 g

Length<sup>2</sup>: 16 - 17 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 46,000,000

% Population Estimate USA & Canada<sup>4</sup>: 91.30%  
Lower 95% Bound USA & Canada<sup>3</sup>: 28,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 60,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Nesting Category<sup>2</sup>: Shrub

Incubation Period<sup>2</sup>: 12 - 13 days

Clutch Size<sup>2</sup>: 3 - 5 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Light greenish blue marked with brown blotches around larger end.

Egg length<sup>2</sup>: 2.06 - 2.49 cm

Egg width<sup>2</sup>: 1.58 - 1.98 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

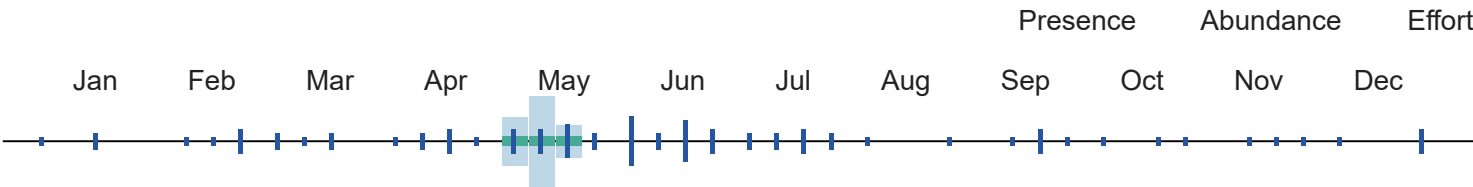
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Great Blue Heron

Ardea herodias

Global: 700,000

Continental U.S. & Canada: 620,000

BCRBCC Breeding: 31

^

Alpha Code

Alpha Code<sup>1</sup>: GBHE

Habitat

Habitat Category<sup>2</sup>: Marshes

Primary Breeding Habitat<sup>4</sup>: Wetlands, Generalist

Physical Details

Weight<sup>2</sup>: 2100 - 2500 g

Length<sup>2</sup>: 97 - 137 cm

Population Information

Global Population<sup>4</sup>: 700,000

% Population Estimate USA & Canada<sup>4</sup>: 88.57%

Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available

Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Fish

Behavior Category<sup>2</sup>: Stalking

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 27 - 29 days

Clutch Size<sup>2</sup>: 2 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Pale blue, fading slightly with age.

Egg length<sup>2</sup>: 6.1 - 7.6 cm

Egg width<sup>2</sup>: 4.5 - 5 cm

Breeding time-frame - Start<sup>5</sup>: 1-Jan

Breeding time-frame - Stop<sup>5</sup>: 31-Dec

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: Yes

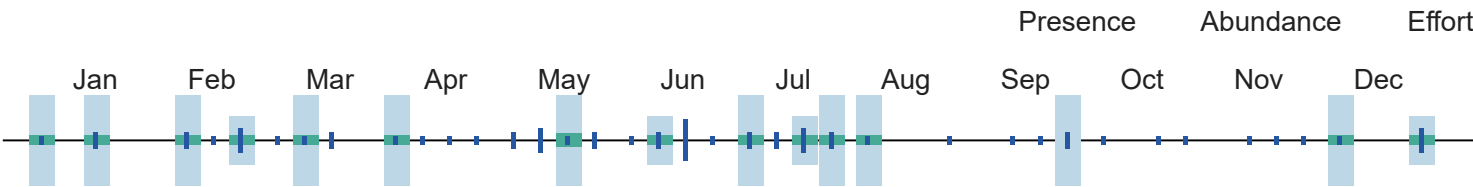
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: No - ssp. occidentalis only

BCRs where BCC Breeding<sup>9</sup>: 31

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Great  
Crested  
Flycatcher  
*Myiarchus  
crinitus*

Global: 8,800,000  
Continental U.S. & Canada:  
8,800,000

Common



Alpha Code

Physical Details



Alpha Code<sup>1</sup>: GCFL

Weight<sup>2</sup>: 27 - 40 g

Length<sup>2</sup>: 17 - 21 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Open Woodlands

Global Population<sup>4</sup>: 8,800,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 8,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 9,800,000

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 6.02%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 410,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 690,000

% State Population (USA only)<sup>3</sup>: AR - 3.30%  
Lower 95% Bound State<sup>3</sup>: AR - 190,000  
Upper 95% Bound State<sup>3</sup>: AR - 420,000

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Continental Importance<sup>4</sup>: Not yet available

Behavior Category<sup>2</sup>: Flycatching

Half Life<sup>4</sup>: Not yet available

Nesting Category<sup>2</sup>: Cavity

Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: 13 - 15 days

Federally Endangered<sup>6</sup>: No

Clutch Size<sup>2</sup>: 4 - 8 eggs

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: Not yet available

State Endangered<sup>7</sup>: Not applicable

Egg description<sup>2</sup>: Creamy white to pinkish buff splotched with brown, purple, or lavender.

Migratory Bird Treaty Act<sup>8</sup>: Listed

Egg length<sup>2</sup>: 2.1 - 2.4 cm

Bird of Conservation Concern (BCC)<sup>9</sup>: No

Egg width<sup>2</sup>: 1.5 - 1.8 cm

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

Breeding time-frame - Start<sup>5</sup>: Not yet available

BCRs where BCC Breeding<sup>9</sup>: Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

												Presence	Abundance	Effort
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Great Egret

Ardea alba

Global: 9,500,000

Continental U.S. & Canada:  
710,000

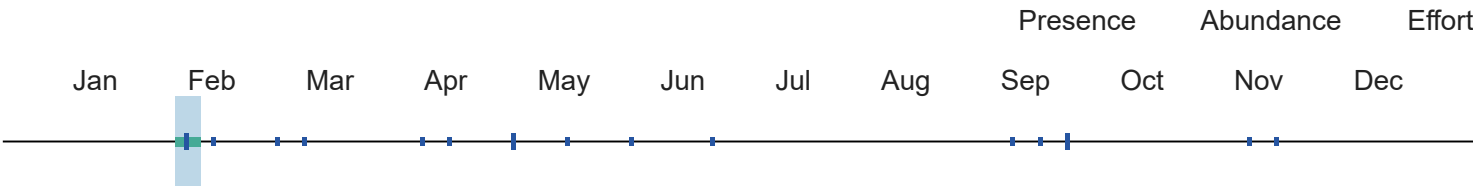
State Threatened: CT, WI

State Endangered: PA


^

Alpha Code		Physical Details	
Alpha Code <sup>1</sup> : GREG		Weight <sup>2</sup> : 1000 g	
		Length <sup>2</sup> : 94 - 104 cm	
Habitat		Population Information	
Habitat Category <sup>2</sup> : Marshes		Global Population <sup>4</sup> : 9,500,000	
Primary Breeding Habitat <sup>4</sup> : Wetlands, Generalist		% Population Estimate USA & Canada <sup>4</sup> : 7.47%	
		Lower 95% Bound USA & Canada <sup>3</sup> : Not yet available	
		Upper 95% Bound USA & Canada <sup>3</sup> : Not yet available	
		Continental Population Trend <sup>4</sup> : Significant large increase	
		Regional Population Trend <sup>4</sup> : Not yet available	
		% BCR Population <sup>3</sup> : Not yet available	
		Lower 95% Bound BCR <sup>3</sup> : Not yet available	
		Upper 95% Bound BCR <sup>3</sup> : Not yet available	
		% State Population (USA only) <sup>3</sup> : Not yet available	
		Lower 95% Bound State <sup>3</sup> : Not yet available	
		Upper 95% Bound State <sup>3</sup> : Not yet available	
Biology		Conservation Status	
Food Category <sup>2</sup> : Fish		Continental Importance <sup>4</sup> : Not yet available	
Behavior Category <sup>2</sup> : Stalking		Half Life <sup>4</sup> : Not yet available	
Nesting Category <sup>2</sup> : Tree		Federally Threatened <sup>6</sup> : No	
Incubation Period <sup>2</sup> : 23 - 27 days		Federally Endangered <sup>6</sup> : No	
Clutch Size <sup>2</sup> : 1 - 6 eggs		State Threatened <sup>7</sup> : CT, WI	
Number of Broods <sup>2</sup> : 1 - 2		State Endangered <sup>7</sup> : PA	
Egg description <sup>2</sup> : Smooth, pale greenish blue.		Migratory Bird Treaty Act <sup>8</sup> : Listed	
Egg length <sup>2</sup> : 5.5 - 6 cm		Bird of Conservation Concern (BCC) <sup>9</sup> : No	
Egg width <sup>2</sup> : 4 - 4.3 cm			

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Great Horned Owl

Bubo virginianus

Global: 5,700,000

Continental U.S. & Canada: 3,800,000

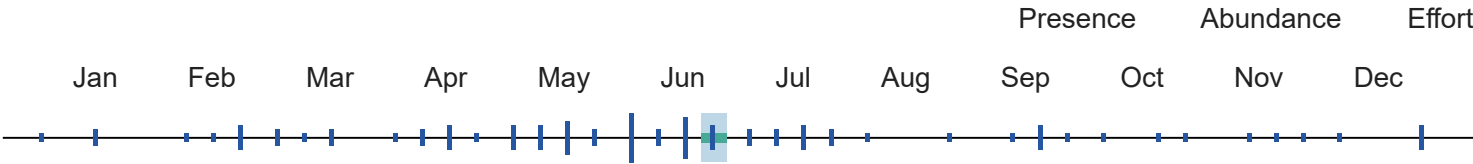
Common

^


Alpha Code	Physical Details
Alpha Code <sup>1</sup> : GHOW	Weight <sup>2</sup> : 910 - 2500 g
	Length <sup>2</sup> : 46 - 63 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Forests	Global Population <sup>4</sup> : 5,700,000
Primary Breeding Habitat <sup>4</sup> : Open Country, Habitat Mosaic	% Population Estimate USA & Canada <sup>4</sup> : 66.67%
	Lower 95% Bound USA & Canada <sup>3</sup> : 3,300,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 4,300,000
	Continental Population Trend <sup>4</sup> : Small or uncertain decrease
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : BCR 24 - 0.88%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 30,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 78,000
	% State Population (USA only) <sup>3</sup> : AR - 0.46%
	Lower 95% Bound State <sup>3</sup> : AR - 12,000
	Upper 95% Bound State <sup>3</sup> : AR - 48,000
Biology	Conservation Status

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Food Category</i> <sup>2</sup> : Mammals	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Aerial Dive (ground/talons)	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Tree	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 30 - 37 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 1 - 4 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Dull white and nearly spherical, with a rough surface.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 5.3 - 5.6 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 4.5 - 4.7 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Great-tailed Grackle

*Quiscalus mexicanus*

Global: 30,000,000

Continental U.S. & Canada: 8,200,000

Common

^

<b>Alpha Code</b>	<b>Physical Details</b>
<i>Alpha Code</i> <sup>1</sup> : GTGR	<i>Weight</i> <sup>2</sup> : 105 - 190 g
	<i>Length</i> <sup>2</sup> : 38 - 46 cm
<b>Habitat</b>	<b>Population Information</b>
<i>Habitat Category</i> <sup>2</sup> : Towns	<i>Global Population</i> <sup>4</sup> : 30,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Open Country, Developed/Disturbed	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 27.33%
	Lower 95% Bound USA & Canada <sup>3</sup> : 5,500,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 12,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.02%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 900  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 15,000

% State Population (USA only)<sup>3</sup>: AR - 0.01%  
Lower 95% Bound State<sup>3</sup>: AR - 0  
Upper 95% Bound State<sup>3</sup>: AR - 5,300

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 13 - 14 days

Clutch Size<sup>2</sup>: 1 - 5 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Bright blue to pale bluish gray, marked with dark brown to black swirls and splotches.

Egg length<sup>2</sup>: 2.7 - 3.7 cm

Egg width<sup>2</sup>: 2.1 - 2.4 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

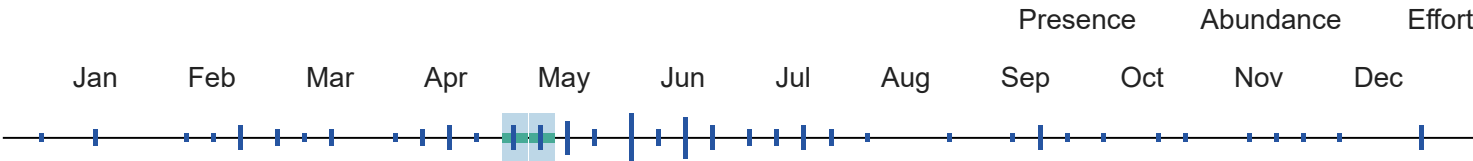
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Green Heron

*Butorides virescens*

Global: 1,200,000

Continental U.S. & Canada: 770,000

Common

^

**Alpha Code***Alpha Code*<sup>1</sup>: GRHE**Physical Details***Weight*<sup>2</sup>: 240 g*Length*<sup>2</sup>: 41 - 46 cm**Habitat***Habitat Category*<sup>2</sup>: Marshes**Population Information***Global Population*<sup>4</sup>: 1,200,000

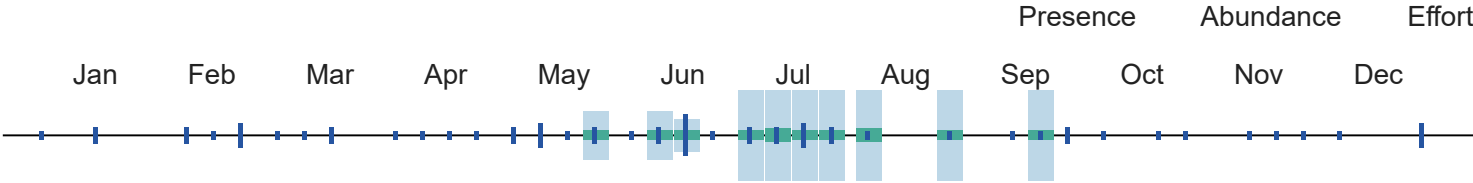
*Primary Breeding Habitat*<sup>4</sup>: Wetlands, Freshwater Marsh % *Population Estimate USA & Canada*<sup>4</sup>: 64.17%  
 Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
 Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

*Continental Population Trend*<sup>4</sup>: Significant large decrease*Regional Population Trend*<sup>4</sup>: Not yet available

% *BCR Population*<sup>3</sup>: Not yet available  
 Lower 95% Bound BCR<sup>3</sup>: Not yet available  
 Upper 95% Bound BCR<sup>3</sup>: Not yet available

% *State Population (USA only)*<sup>3</sup>: Not yet available  
 Lower 95% Bound State<sup>3</sup>: Not yet available  
 Upper 95% Bound State<sup>3</sup>: Not yet available

**Biology***Food Category*<sup>2</sup>: Fish*Behavior Category*<sup>2</sup>: Stalking*Nesting Category*<sup>2</sup>: Tree*Incubation Period*<sup>2</sup>: 19 - 21 days*Clutch Size*<sup>2</sup>: 3 - 5 eggs*Number of Broods*<sup>2</sup>: 1 - 2*Egg description*<sup>2</sup>: Pale green to bluish.*Egg length*<sup>2</sup>: 3.4 - 4.3 cm*Egg width*<sup>2</sup>: 2.7 - 3.5 cm*Breeding time-frame - Start*<sup>5</sup>: Not yet available*Breeding time-frame - Stop*<sup>5</sup>: Not yet available**Conservation Status***Continental Importance*<sup>4</sup>: Common Bird in Steep Decline*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: Not applicable*State Endangered*<sup>7</sup>: Not applicable*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Green-winged Teal  
*Anas crecca*

Global: 6,700,000  
Continental U.S. & Canada:  
3,900,000

Common



Alpha Code

Alpha Code<sup>1</sup>: GWTE

Physical Details

Weight<sup>2</sup>: 140 - 500 g

Length<sup>2</sup>: 31 - 39 cm

Habitat

Habitat Category<sup>2</sup>: Marshes

Primary Breeding Habitat<sup>4</sup>: Wetlands, Generalist

Population Information

Global Population<sup>4</sup>: 6,700,000

% Population Estimate USA & Canada<sup>4</sup>: 58.21%  
Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Dabbler

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 20 - 23 days

Clutch Size<sup>2</sup>: 6 - 9 eggs

Number of Broods<sup>2</sup>: Not yet available

Egg description<sup>2</sup>: Creamy white to pale olive-buff

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

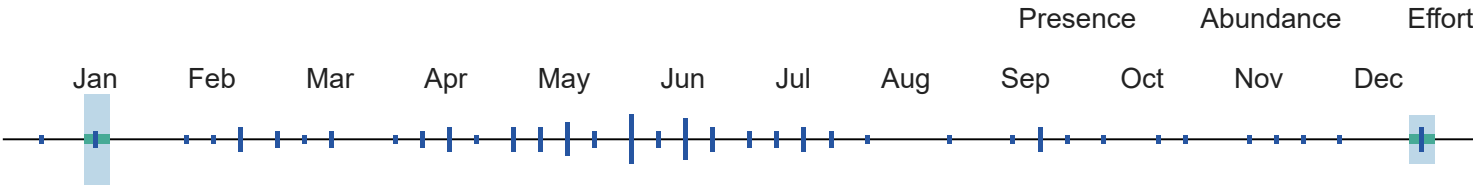
Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

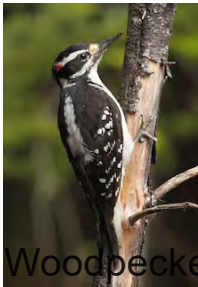
State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Hairy

Global: 8,900,000  
Continental U.S. & Canada:  
8,700,000

Common



Woodpecker  
*Dryobates villosus*

Alpha Code

Alpha Code<sup>1</sup>: HAWO

Physical Details

Weight<sup>2</sup>: 40 - 95 g

Length<sup>2</sup>: 18 - 26 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Generalist

Population Information

Global Population<sup>4</sup>: 8,900,000

% Population Estimate USA & Canada<sup>4</sup>: 97.75%  
Lower 95% Bound USA & Canada<sup>3</sup>: 7,900,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 9,500,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 2.13%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 140,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 240,000

% State Population (USA only)<sup>3</sup>: AR - 0.55%  
Lower 95% Bound State<sup>3</sup>: AR - 31,000



Upper 95% Bound State<sup>3</sup>: AR - 73,000

Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Bark Forager

*Nesting Category*<sup>2</sup>: Cavity

*Incubation Period*<sup>2</sup>: 11 - 12 days

*Clutch Size*<sup>2</sup>: 3 - 6 eggs

*Number of Broods*<sup>2</sup>: 1

*Egg description*<sup>2</sup>: All white.

*Egg length*<sup>2</sup>: 2.1 - 2.5 cm

*Egg width*<sup>2</sup>: 1.8 - 1.9 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

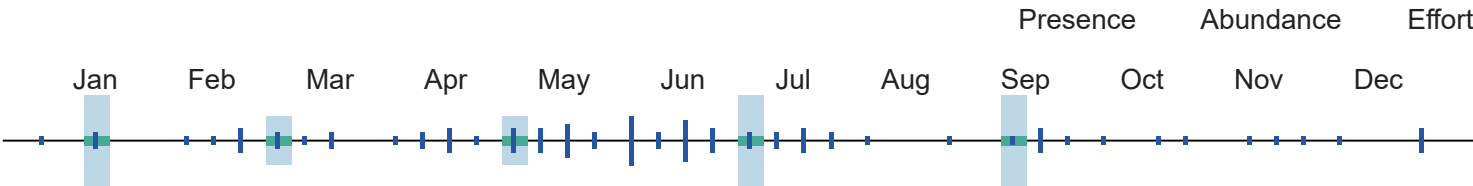
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Harris's Sparrow  
*Zonotrichia querula*

Global: 2,000,000  
Continental U.S. & Canada:  
2,000,000

Common



Alpha Code

*Alpha Code*<sup>1</sup>: HASP

Physical Details

*Weight*<sup>2</sup>: 26 - 49 g

*Length*<sup>2</sup>: 17 - 20 cm

Habitat

*Habitat Category*<sup>2</sup>: Forests

Population Information

*Global Population*<sup>4</sup>: 2,000,000

Primary Breeding Habitat<sup>4</sup>: Tundra, Arctic

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available

Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

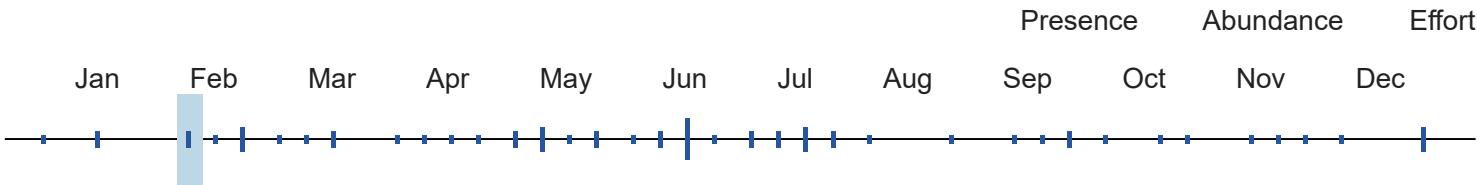
% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology	Conservation Status
Food Category <sup>2</sup> : Seeds	Continental Importance <sup>4</sup> : Yellow Watch List; Tipping Point
Behavior Category <sup>2</sup> : Ground Forager	Half Life <sup>4</sup> : Not yet available
Nesting Category <sup>2</sup> : Ground	Federally Threatened <sup>6</sup> : No
Incubation Period <sup>2</sup> : 12 - 14 days	Federally Endangered <sup>6</sup> : No
Clutch Size <sup>2</sup> : 3 - 5 eggs	State Threatened <sup>7</sup> : Not applicable
Number of Broods <sup>2</sup> : Not yet available	State Endangered <sup>7</sup> : Not applicable
Egg description <sup>2</sup> : Pale green with irregular spots and blotches.	Migratory Bird Treaty Act <sup>8</sup> : Listed
Egg length <sup>2</sup> : 1.8 - 2.5 cm	Bird of Conservation Concern (BCC) <sup>9</sup> : No
Egg width <sup>2</sup> : 1.5 - 1.8 cm	BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands <sup>9,10</sup> : Not applicable
Breeding time-frame - Start <sup>5</sup> : Not yet available	BCRs where BCC Breeding <sup>9</sup> : Not applicable
Breeding time-frame - Stop <sup>5</sup> : Not yet available	BCRs where BCC Non-breeding <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Hermit Thrush

Catharus guttatus

Global: 72,000,000  
Continental U.S. & Canada:  
72,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: HETH

Physical Details

Weight<sup>2</sup>: 23 - 37 g

Length<sup>2</sup>: 14 - 18 cm

Habitat

Habitat Category<sup>2</sup>: Open Woodlands

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Generalist

Population Information

Global Population<sup>4</sup>: 72,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 54,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 96,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 11 - 13 days

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Light blue, sometimes spotted with brown

Egg length<sup>2</sup>: 2 - 2.5 cm

Egg width<sup>2</sup>: 1.5 - 1.8 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

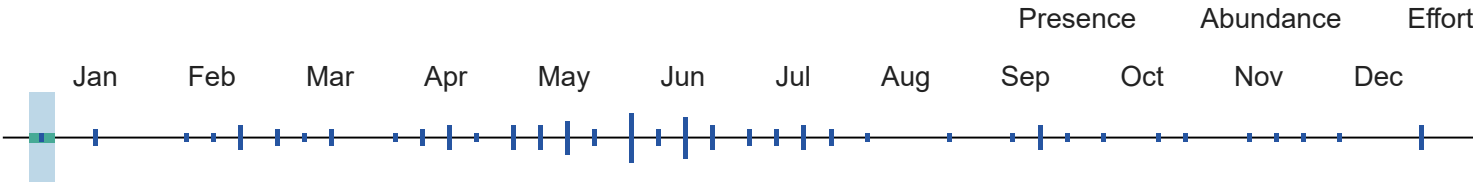
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

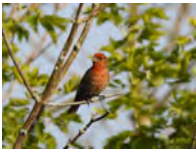
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



House  
Finch  
*Haemorhous  
mexicanus*

Global: 40,000,000  
Continental U.S. & Canada:  
33,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: HOFI

Physical Details

Weight<sup>2</sup>: 16 - 27 g

Length<sup>2</sup>: 13 - 14 cm

Habitat

Habitat Category<sup>2</sup>: Towns

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat  
Mosaic

Population Information

Global Population<sup>4</sup>: 40,000,000

% Population Estimate USA & Canada<sup>4</sup>: 82.50%  
Lower 95% Bound USA & Canada<sup>3</sup>: 30,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 38,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 1.20%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 370,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 600,000

% State Population (USA only)<sup>3</sup>: AR - 0.35%  
Lower 95% Bound State<sup>3</sup>: AR - 72,000  
Upper 95% Bound State<sup>3</sup>: AR - 240,000

Biology

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 13 - 14 days

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

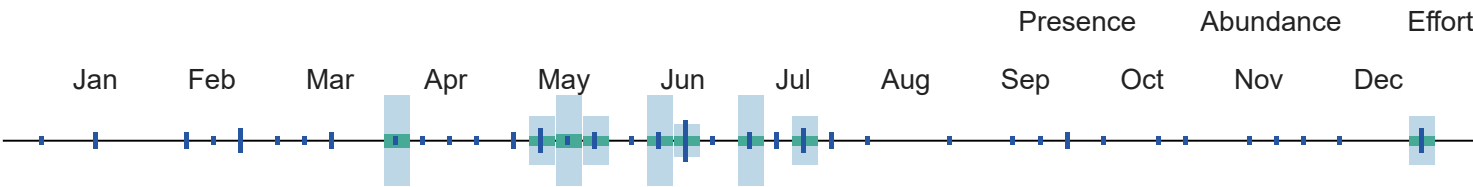
Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Clutch Size</i> <sup>2</sup> : 2 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 6	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Pale blue to white, speckled with fine black and pale purple.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.6 - 2.1 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.3 - 1.5 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



House Sparrow  
*Passer domesticus*

Global: 740,000,000  
Continental U.S. & Canada:  
93,000,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : HOSP	<i>Weight</i> <sup>2</sup> : 27 - 30 g
	<i>Length</i> <sup>2</sup> : 15 - 17 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Towns	<i>Global Population</i> <sup>4</sup> : 740,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Open Country, Developed/Disturbed	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 12.57%
	Lower 95% Bound USA & Canada <sup>3</sup> : 84,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 100,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Significant large decrease
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available
	<i>% BCR Population</i> <sup>3</sup> : BCR 24 - 0.35%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 2,000,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 3,200,000

% State Population (USA only)<sup>3</sup>: AR - 0.20%

Lower 95% Bound State<sup>3</sup>: AR - 930,000

Upper 95% Bound State<sup>3</sup>: AR - 2,200,000

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Cavity

Incubation Period<sup>2</sup>: 10 - 14 days

Clutch Size<sup>2</sup>: 1 - 8 eggs

Number of Broods<sup>2</sup>: 1 - 4

Egg description<sup>2</sup>: Light white to greenish white or bluish white, usually spotted with gray or brown.

Egg length<sup>2</sup>: 2 - 2.2 cm

Egg width<sup>2</sup>: 1.4 - 1.6 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Not Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

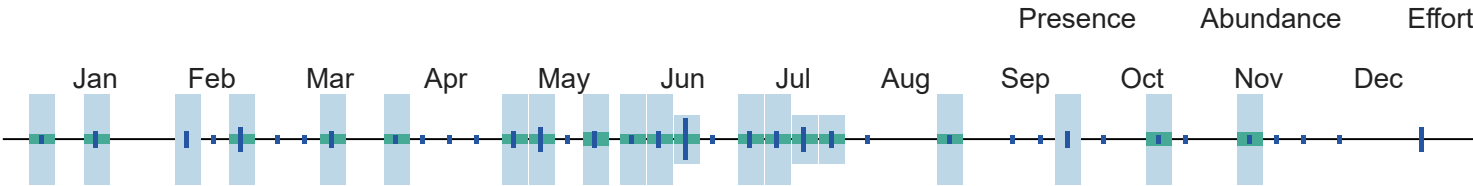
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



House Wren  
*Troglodytes aedon*

Global: 190,000,000  
Continental U.S. & Canada:  
43,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: HOWR

Physical Details

Weight<sup>2</sup>: 10 - 12 g

Length<sup>2</sup>: 11 - 13 cm

Habitat

Population Information

*Habitat Category*<sup>2</sup>: Open Woodlands

*Global Population*<sup>4</sup>: 190,000,000

*Primary Breeding Habitat*<sup>4</sup>: Forests, Generalist

*% Population Estimate USA & Canada<sup>4</sup>: 22.63%*

Lower 95% Bound USA & Canada<sup>3</sup>: 40,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 47,000,000

*Continental Population Trend*<sup>4</sup>: Significant large increase

*Regional Population Trend*<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.33%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 440,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 840,000

% State Population (USA only)<sup>3</sup>: AR - 0.01%

Lower 95% Bound State<sup>3</sup>: AR - 2,500

Upper 95% Bound State<sup>3</sup>: AR - 46,000

## Biology

## Conservation Status

### Food Category<sup>2</sup>: Insects

*Continental Importance*<sup>4</sup>: Not yet available

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Half Life*<sup>4</sup>: Not yet available

*Nesting Category*<sup>2</sup>: Cavity

*Federally Threatened*<sup>6</sup>: No

*Incubation Period*<sup>2</sup>: 9 - 16 days

*Federally Endangered*<sup>6</sup>: No

*Clutch Size*<sup>2</sup>: 3 - 10 eggs

*State Threatened*<sup>7</sup>: Not applicable

*Number of Broods*<sup>2</sup>: 1 - 2

*State Endangered*<sup>7</sup>: Not applicable

*Egg description*<sup>2</sup>: White, pink-white, or grayish, speckled *Migratory Bird Treaty Act*<sup>8</sup>: Listed or blotched with reddish brown.

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Egg length*<sup>2</sup>: 1.4 - 1.9 cm

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

*Egg width*<sup>2</sup>: 1.1 - 1.4 cm

*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

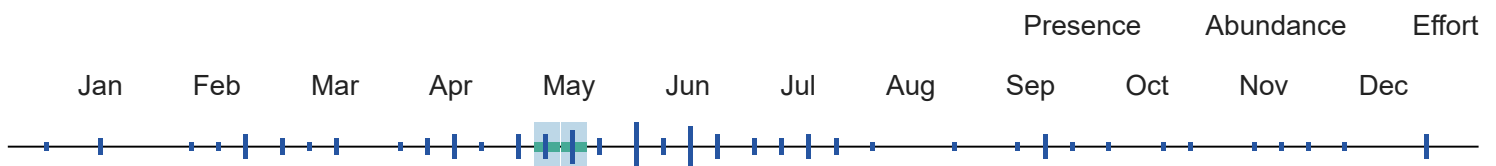
*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

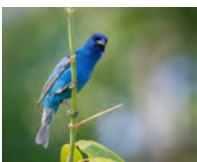
[More information on BCR's](#)

### Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.





Indigo  
Bunting  
*Passerina  
cyanea*

Global: 77,000,000  
Continental U.S. & Canada:  
77,000,000

Common



Alpha Code

Physical Details

Alpha Code<sup>1</sup>: INBU

Weight<sup>2</sup>: 12 - 18 g

Length<sup>2</sup>: 12 - 13 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Open Woodlands

Global Population<sup>4</sup>: 77,000,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 73,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 82,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 19.48%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 13,000,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 18,000,000

% State Population (USA only)<sup>3</sup>: AR - 7.40%  
Lower 95% Bound State<sup>3</sup>: AR - 4,500,000  
Upper 95% Bound State<sup>3</sup>: AR - 7,200,000

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Continental Importance<sup>4</sup>: Not yet available

Behavior Category<sup>2</sup>: Foliage Gleaner

Half Life<sup>4</sup>: Not yet available

Nesting Category<sup>2</sup>: Shrub

Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: 11 - 14 days

Federally Endangered<sup>6</sup>: No

Clutch Size<sup>2</sup>: 3 - 4 eggs

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: 1 - 3

State Endangered<sup>7</sup>: Not applicable

Egg description<sup>2</sup>: Unmarked white; a few have brownish spots.

Migratory Bird Treaty Act<sup>8</sup>: Listed

Egg length<sup>2</sup>: 1.7 - 2.1 cm

Bird of Conservation Concern (BCC)<sup>9</sup>: No

Egg width<sup>2</sup>: 1.3 - 1.5 cm

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

Breeding time-frame - Start<sup>5</sup>: Not yet available

BCRs where BCC Breeding<sup>9</sup>: Not applicable

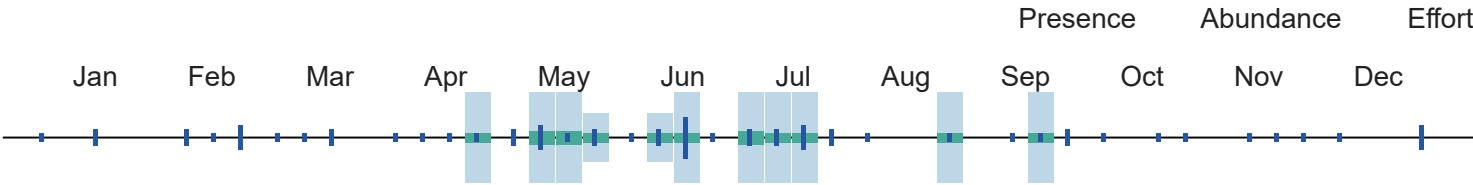
Breeding time-frame - Stop<sup>5</sup>: Not yet available

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable



[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Kentucky Warbler  
*Geothlypis formosa*

Global: 2,600,000  
Continental U.S. & Canada:  
2,600,000

State Threatened: WI  
  
BCRBCC Breeding:  
21,22,24,25,26,27,28,29,30

Alpha Code

Alpha Code<sup>1</sup>: KEWA

Physical Details

Weight<sup>2</sup>: 13 - 14 g

Length<sup>2</sup>: 13 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

Population Information

Global Population<sup>4</sup>: 2,600,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 2,300,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 2,900,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 28.08%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 570,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 910,000

% State Population (USA only)<sup>3</sup>: AR - 18.08%  
Lower 95% Bound State<sup>3</sup>: AR - 320,000  
Upper 95% Bound State<sup>3</sup>: AR - 670,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Conservation Status

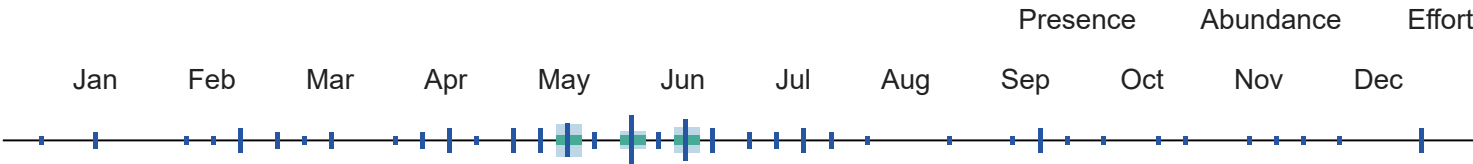
Continental Importance<sup>4</sup>: Yellow Watch List

Half Life<sup>4</sup>: Not yet available


Federally Threatened<sup>6</sup>: No

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Incubation Period</i> <sup>2</sup> : 11 - 13 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 3 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : WI
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Not yet available	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.77 - 2.05 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : Yes
<i>Egg width</i> <sup>2</sup> : 1.42 - 1.55 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Yes
<i>Breeding time-frame - Start</i> <sup>5</sup> : 20-Apr	<i>BCRs where BCC Breeding</i> <sup>9</sup> : 21,22,24,25,26,27,28,29,30
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 20-Aug	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Killdeer

Charadrius vociferus

Global: 2,300,000

Continental U.S. & Canada: 1,800,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : KILL	<i>Weight</i> <sup>2</sup> : 75 - 128 g
	<i>Length</i> <sup>2</sup> : 20 - 28 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Grasslands	<i>Global Population</i> <sup>4</sup> : 2,300,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Open Country, Habitat Mosaic	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 78.26%
	Lower 95% Bound USA & Canada <sup>3</sup> : Not yet available
	Upper 95% Bound USA & Canada <sup>3</sup> : Not yet available
	<i>Continental Population Trend</i> <sup>4</sup> : Moderate to large decrease
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 22 - 28 days

Clutch Size<sup>2</sup>: 4 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 3

Egg description<sup>2</sup>: Buff-colored, heavily marked with blackish-brown.

Egg length<sup>2</sup>: 3.8 cm

Egg width<sup>2</sup>: 2.7 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

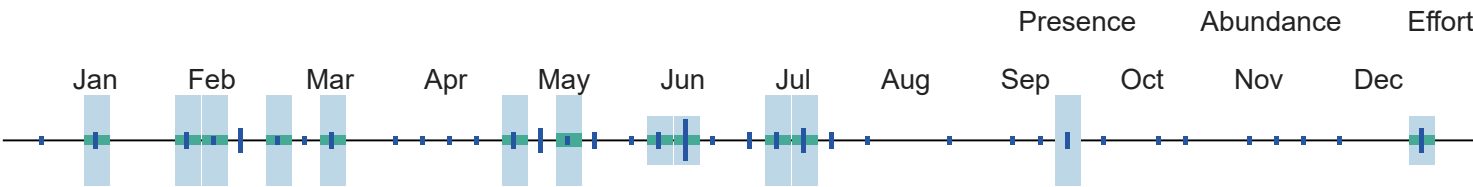
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Least  
Flycatcher  
*Empidonax  
minimus*

Global: 27,000,000  
Continental U.S. & Canada:  
27,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: LEFL

Physical Details

Weight<sup>2</sup>: 8 - 13 g

Length<sup>2</sup>: 12 - 14 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Forests

Global Population<sup>4</sup>: 27,000,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 24,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 30,000,000

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.00%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 0

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,300

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Continental Importance<sup>4</sup>: Common Bird in Steep Decline

Behavior Category<sup>2</sup>: Flycatching

Half Life<sup>4</sup>: Not yet available

Nesting Category<sup>2</sup>: Tree

Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: Not yet available

Federally Endangered<sup>6</sup>: No

Clutch Size<sup>2</sup>: Not yet available

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: Not yet available

State Endangered<sup>7</sup>: Not applicable

Egg description<sup>2</sup>: Creamy white, unmarked.

Migratory Bird Treaty Act<sup>8</sup>: Listed

Egg length<sup>2</sup>: Not yet available

Bird of Conservation Concern (BCC)<sup>9</sup>: No

Egg width<sup>2</sup>: Not yet available

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

Breeding time-frame - Start<sup>5</sup>: Not yet available

BCRs where BCC Breeding<sup>9</sup>: Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

												Presence	Abundance	Effort
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			



 <p><b>Least Sandpiper</b> <i>Calidris minutilla</i></p>	<p>Global: 700,000 Continental U.S. &amp; Canada: 700,000</p>	<p><b>Common</b></p>
---	---	----------------------

## Physical Details

*Weight*<sup>2</sup>: 19 - 30 g

## Habitat

## Population Information

*Global Population*<sup>4</sup>: 700,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
 Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
 Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

*Regional Population Trend*<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

## Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

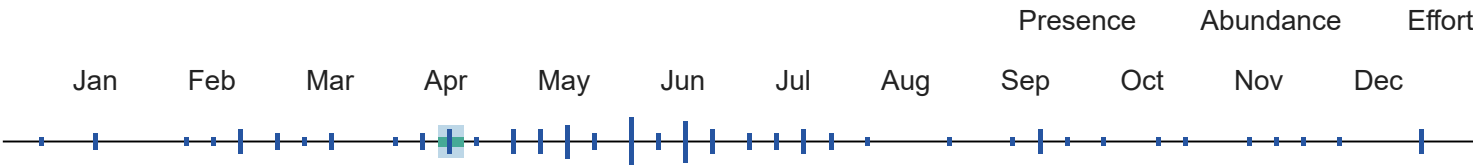
*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Lesser Scaup  
*Aythya affinis*

Global: 3,700,000  
Continental U.S. & Canada:  
3,700,000

Common



Alpha Code

Alpha Code<sup>1</sup>: LESC

Physical Details

Weight<sup>2</sup>: 454 - 1089 g

Length<sup>2</sup>: 39 - 46 cm

Habitat

Habitat Category<sup>2</sup>: Lakes and Ponds

Primary Breeding Habitat<sup>4</sup>: Wetlands, Lakes and Rivers

Population Information

Global Population<sup>4</sup>: 3,700,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

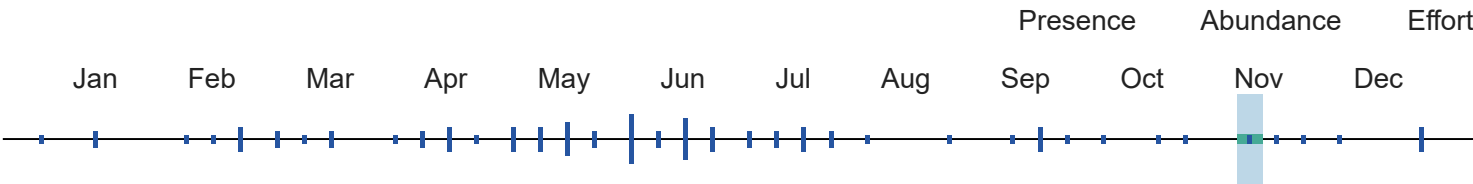
Food Category<sup>2</sup>: Aquatic invertebrates

Conservation Status


Continental Importance<sup>4</sup>: Not yet available

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Behavior Category</i> <sup>2</sup> : Surface Dive	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Ground	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 21 - 27 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 6 - 14 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Pale to dark olive or greenish buff.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 5.7 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 3.9 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Lincoln's Sparrow

*Melospiza lincolnii*

Global: 88,000,000

Continental U.S. & Canada: 88,000,000

Common

^

<b>Alpha Code</b>	<b>Physical Details</b>
<i>Alpha Code</i> <sup>1</sup> : LISP	<i>Weight</i> <sup>2</sup> : 17 - 19 g
	<i>Length</i> <sup>2</sup> : 13 - 15 cm
<b>Habitat</b>	<b>Population Information</b>
<i>Habitat Category</i> <sup>2</sup> : Scrub	<i>Global Population</i> <sup>4</sup> : 88,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Wetlands, Boreal	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 78,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 99,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 10 - 13 days

Clutch Size<sup>2</sup>: 3 - 5 eggs

Number of Broods<sup>2</sup>: Not yet available

Egg description<sup>2</sup>: Pale greenish to pinkish white with brown specks and blotches.

Egg length<sup>2</sup>: 1.7 - 2.2 cm

Egg width<sup>2</sup>: 1.3 - 1.6 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

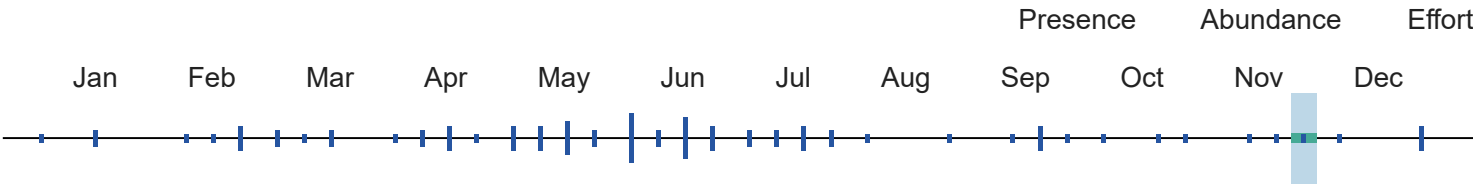
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Loggerhead  
Shrike  
*Lanius  
ludovicianus*

Global: 7,000,000  
Continental U.S. & Canada:  
4,600,000

**Federally Endangered:** Ssp.  
mearnsi only - wherever found

**State Threatened:** VA

**State Endangered:** MD, NY, PA,  
OH, IN, MN, WI, (NJ - ssp.

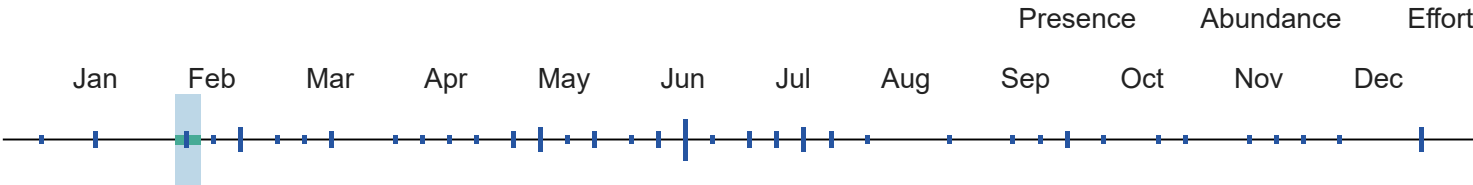


migrans only)

**BCRBCC Breeding:** 21,22,37**Alpha Code***Alpha Code*<sup>1</sup>: LOSH**Physical Details***Weight*<sup>2</sup>: 35 - 50 g*Length*<sup>2</sup>: 20 - 23 cm**Habitat***Habitat Category*<sup>2</sup>: Open Woodlands*Primary Breeding Habitat*<sup>4</sup>: Grasslands, Temperate**Population Information***Global Population*<sup>4</sup>: 7,000,000*% Population Estimate USA & Canada*<sup>4</sup>: 65.71%Lower 95% Bound USA & Canada<sup>3</sup>: 4,100,000Upper 95% Bound USA & Canada<sup>3</sup>: 5,100,000*Continental Population Trend*<sup>4</sup>: Significant large decrease*Regional Population Trend*<sup>4</sup>: Not yet available*% BCR Population*<sup>3</sup>: BCR 24 - 0.41%Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 15,000Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 47,000*% State Population (USA only)*<sup>3</sup>: AR - 1.20%Lower 95% Bound State<sup>3</sup>: AR - 46,000Upper 95% Bound State<sup>3</sup>: AR - 140,000**Biology***Food Category*<sup>2</sup>: Insects*Behavior Category*<sup>2</sup>: Aerial Dive (ground/talons)*Nesting Category*<sup>2</sup>: Tree*Incubation Period*<sup>2</sup>: 15 - 17 days*Clutch Size*<sup>2</sup>: 5 - 6 eggs*Number of Broods*<sup>2</sup>: 1 - 2*Egg description*<sup>2</sup>: Eggs are grayish buff, marked with gray to yellowish-brown.*Egg length*<sup>2</sup>: 2.3 - 2.7 cm*Egg width*<sup>2</sup>: 1.8 - 2 cm*Breeding time-frame - Start*<sup>5</sup>: 1-Feb*Breeding time-frame - Stop*<sup>5</sup>: 31-Jul**Conservation Status***Continental Importance*<sup>4</sup>: Common Bird in Steep Decline*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: Ssp. mearnsi only - wherever found*State Threatened*<sup>7</sup>: VA*State Endangered*<sup>7</sup>: MD, NY, PA, OH, IN, MN, WI, (NJ - ssp. migrans only)*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: No - ssp. excubitorides and migrans only*BCRs where BCC Breeding*<sup>9</sup>: 21,22,37*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Magnolia  
Warbler  
*Setophaga  
magnolia*

Global: 39,000,000  
Continental U.S. & Canada:  
39,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: MAWA

Physical Details

Weight<sup>2</sup>: 6 - 15 g

Length<sup>2</sup>: 11 - 13 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 39,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 34,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 44,000,000

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 11 - 13 days

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Clutch Size<sup>2</sup>: 3 - 5 eggs

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: 1 - 2

State Endangered<sup>7</sup>: Not applicable

Egg description<sup>2</sup>: White, with variable speckles or spots.

Migratory Bird Treaty Act<sup>8</sup>: Listed

Egg length<sup>2</sup>: 1.5 - 1.8 cm

Bird of Conservation Concern (BCC)<sup>9</sup>: No

Egg width<sup>2</sup>: 1.1 - 1.3 cm

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

Breeding time-frame - Start<sup>5</sup>: Not yet available

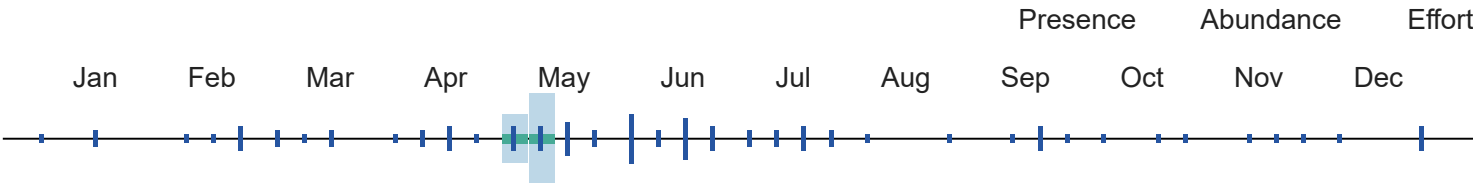
BCRs where BCC Breeding<sup>9</sup>: Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Mallard

Anas

platyrhynchos

Global: 19,000,000

Continental U.S. & Canada:

11,000,000

Common

^

Alpha Code	Physical Details
Alpha Code <sup>1</sup> : MALL	Weight <sup>2</sup> : 1000 - 1300 g
	Length <sup>2</sup> : 50 - 65 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Lakes and Ponds	Global Population <sup>4</sup> : 19,000,000
Primary Breeding Habitat <sup>4</sup> : Wetlands, Generalist	% Population Estimate USA & Canada <sup>4</sup> : 57.89%
	Lower 95% Bound USA & Canada <sup>3</sup> : Not yet available
	Upper 95% Bound USA & Canada <sup>3</sup> : Not yet available
	Continental Population Trend <sup>4</sup> : Small increase or stable
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : Not yet available
	Lower 95% Bound BCR <sup>3</sup> : Not yet available
	Upper 95% Bound BCR <sup>3</sup> : Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Dabbler

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 23 - 30 days

Clutch Size<sup>2</sup>: 1 - 13 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Unmarked creamy to grayish or greenish buff.

Egg length<sup>2</sup>: 5.3 - 6.4 cm

Egg width<sup>2</sup>: 3.9 - 4.5 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

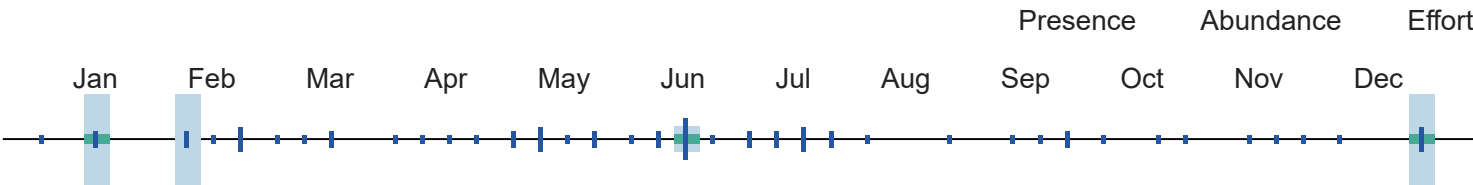
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Mourning Dove  
*Zenaida macroura*

Global: 150,000,000  
Continental U.S. & Canada:  
130,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: MODO

Physical Details

Weight<sup>2</sup>: 96 - 170 g

Length<sup>2</sup>: 23 - 34 cm

Habitat

Population Information

*Habitat Category*<sup>2</sup>: Open Woodlands

*Global Population*<sup>4</sup>: 150,000,000

*Primary Breeding Habitat*<sup>4</sup>: Open Country, Habitat Mosaic

*% Population Estimate USA & Canada<sup>4</sup>: 86.67%*

Lower 95% Bound USA & Canada<sup>3</sup>: 120,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 140,000,000

*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 3.53%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 4,000,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 6,700,000

% State Population (USA only)<sup>3</sup>: AR - 1.40%

Lower 95% Bound State<sup>3</sup>: AR - 1,400,000

Upper 95% Bound State<sup>3</sup>: AR - 3,100,000

## Biology

## Conservation Status

*Food Category*<sup>2</sup>: Seeds

*Continental Importance*<sup>4</sup>: Not yet available

*Behavior Category*<sup>2</sup>: Ground Forager

*Half Life*<sup>4</sup>: Not yet available

*Nesting Category*<sup>2</sup>: Tree

*Federally Threatened*<sup>6</sup>: No

*Incubation Period*<sup>2</sup>: 14 days

*Federally Endangered*<sup>6</sup>: No

*Clutch Size*<sup>2</sup>: 2 eggs

*State Threatened*<sup>7</sup>: Not applicable

*Number of Broods*<sup>2</sup>: 1 - 6

*State Endangered*<sup>7</sup>: Not applicable

*Egg description*<sup>2</sup>: Unmarked, white.

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Egg length*<sup>2</sup>: 2.6 - 3 cm

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

*Egg width*<sup>2</sup>: 2.1 - 2.3 cm

*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable*

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

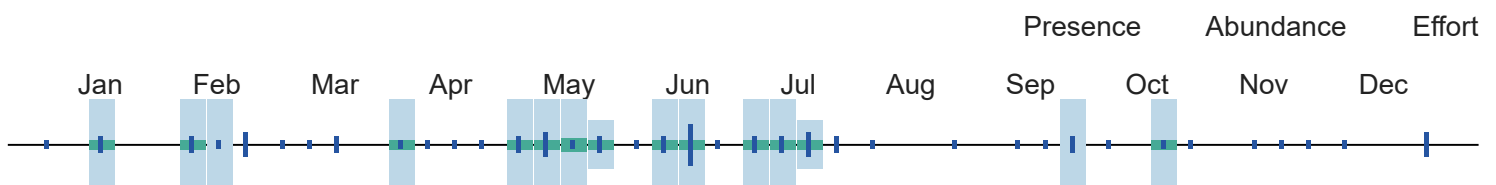
*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*Breeding time-frame - Stop<sup>5</sup>*: Not yet available

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

## Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Mourning  
Warbler

Geothlypis  
philadelphia

Global: 14,000,000  
Continental U.S. & Canada:  
14,000,000

State Endangered: MD



Alpha Code

Alpha Code<sup>1</sup>: MOWA

Physical Details

Weight<sup>2</sup>: 11 - 13 g

Length<sup>2</sup>: 10 - 15 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 14,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 11,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 17,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: Not yet available

Clutch Size<sup>2</sup>: 2 - 5 eggs

Number of Broods<sup>2</sup>: Not yet available

Egg description<sup>2</sup>: White, speckled with reddish brown and black spots.

Egg length<sup>2</sup>: Not yet available

Egg width<sup>2</sup>: Not yet available

Breeding time-frame - Start<sup>5</sup>: 1-Apr

Breeding time-frame - Stop<sup>5</sup>: 15-Sep

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: MD

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

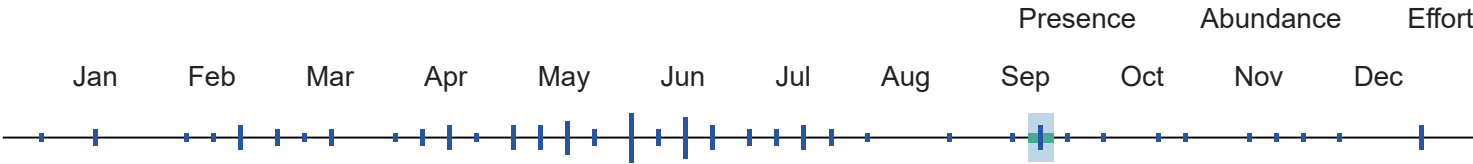
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Nashville Warbler

*Leiothlypis ruficapilla*

Global: 40,000,000

Continental U.S. & Canada: 40,000,000

State Threatened: MD

^

Alpha Code

Alpha Code<sup>1</sup>: NAWA

Physical Details

Weight<sup>2</sup>: 6.7 - 13.9 g

Length<sup>2</sup>: 11 - 13 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 40,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 34,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 46,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 11 - 12 days

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

*Clutch Size*<sup>2</sup>: 4 - 5 eggs

*Number of Broods*<sup>2</sup>: 1

*Egg description*<sup>2</sup>: White, usually speckled with brown.

*Egg length*<sup>2</sup>: 1.4 - 1.7 cm

*Egg width*<sup>2</sup>: 1.1 - 1.3 cm

*Breeding time-frame - Start*<sup>5</sup>: 20-May

*Breeding time-frame - Stop*<sup>5</sup>: 25-Jul

*State Threatened*<sup>7</sup>: MD

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

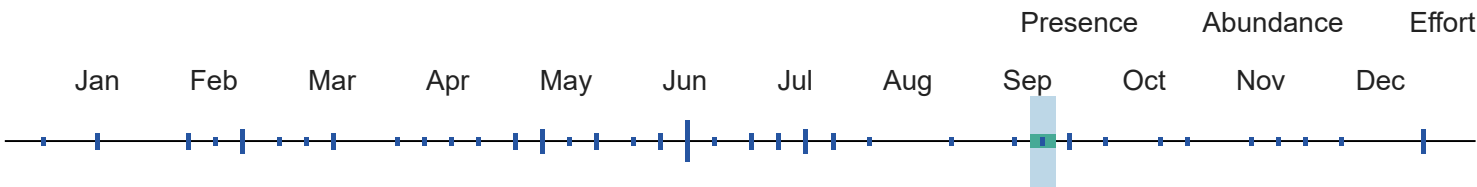
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

### Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Northern Bobwhite**  
*Colinus virginianus*

Global: 5,800,000  
Continental U.S. & Canada:  
4,400,000

**Federally Endangered:** Ssp. ridgwayi only - wherever found



#### Alpha Code

*Alpha Code*<sup>1</sup>: NOBO

#### Physical Details

*Weight*<sup>2</sup>: Not yet available

*Length*<sup>2</sup>: Not yet available

#### Habitat

*Habitat Category*<sup>2</sup>: Grasslands

*Primary Breeding Habitat*<sup>4</sup>: Open Country, Habitat Mosaic

#### Population Information

*Global Population*<sup>4</sup>: 5,800,000

*% Population Estimate USA & Canada*<sup>4</sup>: 75.86%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: Not yet available  
*Upper 95% Bound USA & Canada*<sup>3</sup>: Not yet available

*Continental Population Trend*<sup>4</sup>: Significant large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 0.00%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - null



Upper 95% Bound BCR<sup>3</sup>: BCR 24 - null

% State Population (USA only)<sup>3</sup>: AR - 0.00%

Lower 95% Bound State<sup>3</sup>: AR - null

Upper 95% Bound State<sup>3</sup>: AR - null

Biology

Food Category<sup>2</sup>: Plants

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 22 - 24 days

Clutch Size<sup>2</sup>: 7 - 28 eggs

Number of Broods<sup>2</sup>: 1 - 3

Egg description<sup>2</sup>: Dull or creamy white.

Egg length<sup>2</sup>: 3 cm

Egg width<sup>2</sup>: 2.5 cm

Breeding time-frame - Start<sup>5</sup>: 1-Jul

Breeding time-frame - Stop<sup>5</sup>: 30-Sep

Conservation Status

Continental Importance<sup>4</sup>: Common Bird in Steep Decline

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: Ssp. ridgwayi only - wherever found

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Not Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

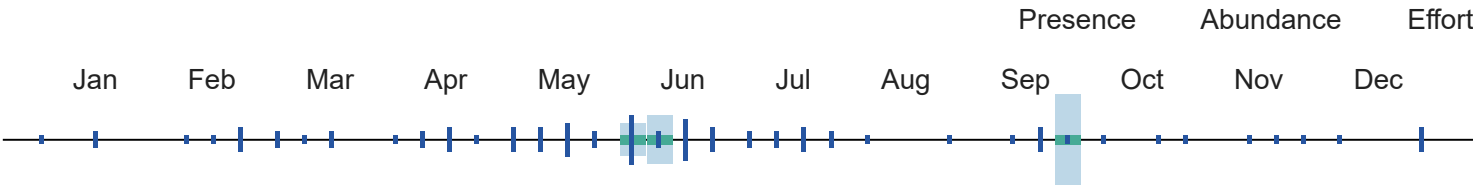
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Northern  
Cardinal  
*Cardinalis  
cardinalis*

Global: 130,000,000  
Continental U.S. & Canada:  
120,000,000

Common



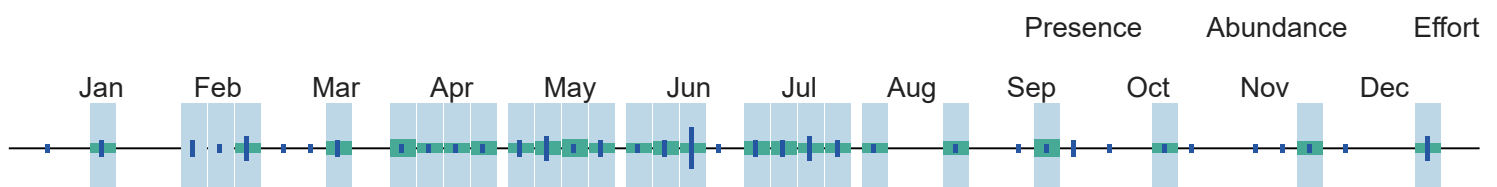
Alpha Code

Alpha Code<sup>1</sup>: NOCA


Physical Details

Weight<sup>2</sup>: 42 - 48 g

Length<sup>2</sup>: 21 - 23 cm

**Habitat****Population Information***Habitat Category*<sup>2</sup>: Open Woodlands*Global Population*<sup>4</sup>: 130,000,000*Primary Breeding Habitat*<sup>4</sup>: Open Country, Habitat Mosaic*% Population Estimate USA & Canada*<sup>4</sup>: 92.31%Lower 95% Bound USA & Canada<sup>3</sup>: 110,000,000Upper 95% Bound USA & Canada<sup>3</sup>: 130,000,000*Continental Population Trend*<sup>4</sup>: Small increase or stable*Regional Population Trend*<sup>4</sup>: Not yet available*% BCR Population*<sup>3</sup>: BCR 24 - 7.69%Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 8,200,000Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 13,000,000*% State Population (USA only)*<sup>3</sup>: AR - 4.15%Lower 95% Bound State<sup>3</sup>: AR - 3,800,000Upper 95% Bound State<sup>3</sup>: AR - 7,300,000**Biology****Conservation Status***Food Category*<sup>2</sup>: Seeds*Continental Importance*<sup>4</sup>: Not yet available*Behavior Category*<sup>2</sup>: Ground Forager*Half Life*<sup>4</sup>: Not yet available*Nesting Category*<sup>2</sup>: Shrub*Federally Threatened*<sup>6</sup>: No*Incubation Period*<sup>2</sup>: 11 - 13 days*Federally Endangered*<sup>6</sup>: No*Clutch Size*<sup>2</sup>: 2 - 5 eggs*State Threatened*<sup>7</sup>: Not applicable*Number of Broods*<sup>2</sup>: 1 - 2*State Endangered*<sup>7</sup>: Not applicable*Egg description*<sup>2</sup>: Grayish white, buffy white, or greenish white speckled with pale gray to brown.*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*Egg length*<sup>2</sup>: 2.2 - 2.7 cm*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*Egg width*<sup>2</sup>: 1.7 - 2 cm*Breeding time-frame - Start*<sup>5</sup>: Not yet available*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*Breeding time-frame - Stop*<sup>5</sup>: Not yet available*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Northern Flicker

Colaptes auratus

Global: 12,000,000

Continental U.S. & Canada: 11,000,000

Common

^

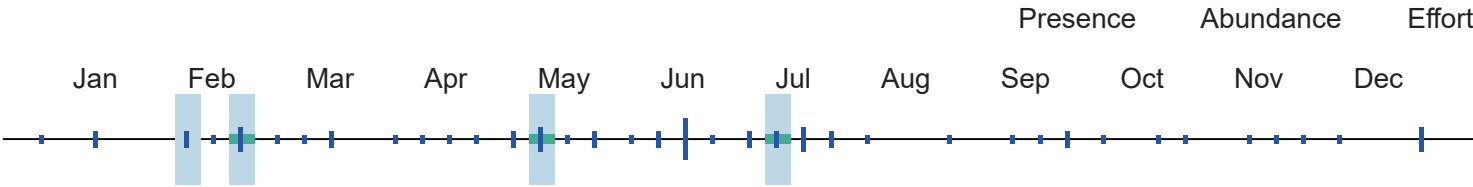
Alpha Code	Physical Details
Alpha Code <sup>1</sup> : NOFL	Weight <sup>2</sup> : 110 - 160 g
	Length <sup>2</sup> : 28 - 31 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Open Woodlands	Global Population <sup>4</sup> : 12,000,000
Primary Breeding Habitat <sup>4</sup> : Forests, Generalist	% Population Estimate USA & Canada <sup>4</sup> : 91.67%
	Lower 95% Bound USA & Canada <sup>3</sup> : 10,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 12,000,000
	Continental Population Trend <sup>4</sup> : Moderate to large decrease
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : BCR 24 - 1.17%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 100,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 200,000
	% State Population (USA only) <sup>3</sup> : AR - 0.26%
	Lower 95% Bound State <sup>3</sup> : AR - 18,000
	Upper 95% Bound State <sup>3</sup> : AR - 50,000
Biology	Conservation Status
Food Category <sup>2</sup> : Insects	Continental Importance <sup>4</sup> : Not yet available
Behavior Category <sup>2</sup> : Ground Forager	Half Life <sup>4</sup> : Not yet available
Nesting Category <sup>2</sup> : Cavity	Federally Threatened <sup>6</sup> : No
Incubation Period <sup>2</sup> : 11 - 13 days	Federally Endangered <sup>6</sup> : No
Clutch Size <sup>2</sup> : 5 - 8 eggs	State Threatened <sup>7</sup> : Not applicable
Number of Broods <sup>2</sup> : 1	State Endangered <sup>7</sup> : Not applicable
Egg description <sup>2</sup> : All white.	Migratory Bird Treaty Act <sup>8</sup> : Listed
Egg length <sup>2</sup> : 1.9 - 3.6 cm	Bird of Conservation Concern (BCC) <sup>9</sup> : No
Egg width <sup>2</sup> : 1.6 - 3.3 cm	BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands <sup>9,10</sup> : Not applicable
Breeding time-frame - Start <sup>5</sup> : Not yet available	BCRs where BCC Breeding <sup>9</sup> : Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available

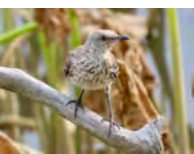
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Northern Mockingbird  
*Mimus polyglottos*

Global: 43,000,000  
Continental U.S. & Canada: 34,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: NOMO

Physical Details

Weight<sup>2</sup>: 45 - 58 g

Length<sup>2</sup>: 21 - 26 cm

Habitat

Habitat Category<sup>2</sup>: Towns

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat Mosaic

Population Information

Global Population<sup>4</sup>: 43,000,000

% Population Estimate USA & Canada<sup>4</sup>: 79.07%  
Lower 95% Bound USA & Canada<sup>3</sup>: 31,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 37,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 3.72%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 1,200,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,100,000

% State Population (USA only)<sup>3</sup>: AR - 2.33%  
Lower 95% Bound State<sup>3</sup>: AR - 680,000  
Upper 95% Bound State<sup>3</sup>: AR - 1,400,000

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Shrub

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: 12 - 13 days

Clutch Size<sup>2</sup>: 2 - 6 eggs

Number of Broods<sup>2</sup>: 2 - 3

Egg description<sup>2</sup>: Pale blue or greenish white spotted with red or brown.

Egg length<sup>2</sup>: 2 - 2.9 cm

Egg width<sup>2</sup>: 1.6 - 2 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

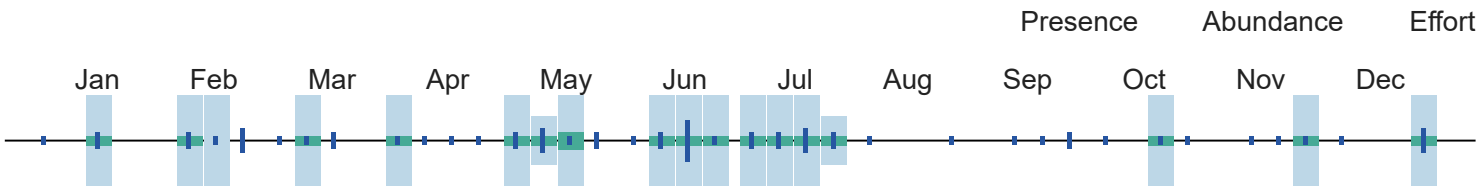
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

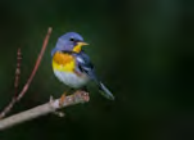
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Northern Parula

Setophaga americana

Global: 18,000,000

Continental U.S. & Canada: 18,000,000

State Threatened: MA

^

Alpha Code

Alpha Code<sup>1</sup>: NOPA

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

Physical Details

Weight<sup>2</sup>: 5 - 11 g

Length<sup>2</sup>: 11 - 12 cm

Population Information

Global Population<sup>4</sup>: 18,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 17,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 20,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% *BCR Population*<sup>3</sup>: BCR 24 - 11.11%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 1,500,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,400,000

% *State Population (USA only)*<sup>3</sup>: AR - 2.67%  
Lower 95% Bound State<sup>3</sup>: AR - 330,000  
Upper 95% Bound State<sup>3</sup>: AR - 670,000

Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Tree

*Incubation Period*<sup>2</sup>: 12 - 14 days

*Clutch Size*<sup>2</sup>: 2 - 7 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: White to creamy-white, speckled with red, brown, purple, or gray.

*Egg length*<sup>2</sup>: 1.5 - 1.8 cm

*Egg width*<sup>2</sup>: 1.2 - 1.3 cm

*Breeding time-frame - Start*<sup>5</sup>: 5-Apr

*Breeding time-frame - Stop*<sup>5</sup>: 15-Aug

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: MA

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

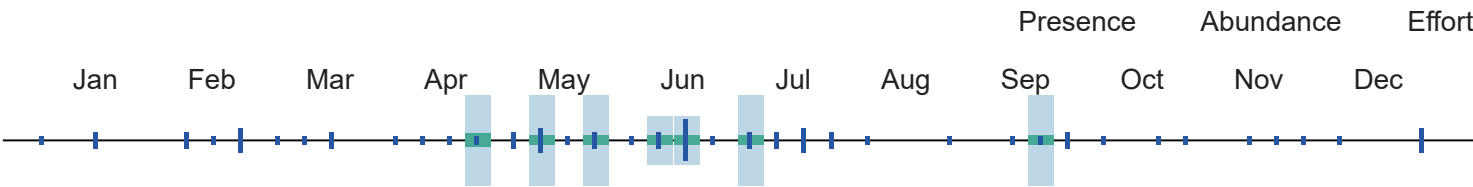
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Northern  
Rough-  
winged  
Swallow  
*Stelgidopteryx*

*serripennis*

Global: 27,000,000  
Continental U.S. & Canada:  
20,000,000

Common



**Alpha Code****Physical Details***Alpha Code*<sup>1</sup>: NRWS*Weight*<sup>2</sup>: 10 - 18 g*Length*<sup>2</sup>: 12 - 15 cm**Habitat****Population Information***Habitat Category*<sup>2</sup>: Rivers and Streams*Global Population*<sup>4</sup>: 27,000,000

*Primary Breeding Habitat*<sup>4</sup>: Open Country Aerial, Habitat Mosaic

*% Population Estimate USA & Canada*<sup>4</sup>: 74.07%

*Lower 95% Bound USA & Canada*<sup>3</sup>: 15,000,000

*Upper 95% Bound USA & Canada*<sup>3</sup>: 27,000,000

*Continental Population Trend*<sup>4</sup>: Small or uncertain decrease*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 2.56%

*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 530,000

*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 870,000

*% State Population (USA only)*<sup>3</sup>: AR - 1.22%

*Lower 95% Bound State*<sup>3</sup>: AR - 160,000

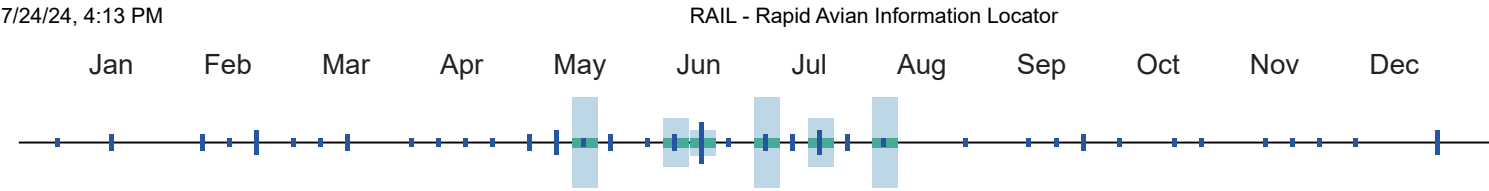
*Upper 95% Bound State*<sup>3</sup>: AR - 610,000

**Biology****Conservation Status***Food Category*<sup>2</sup>: Insects*Continental Importance*<sup>4</sup>: Not yet available*Behavior Category*<sup>2</sup>: Aerial Forager*Half Life*<sup>4</sup>: Not yet available*Nesting Category*<sup>2</sup>: Burrow*Federally Threatened*<sup>6</sup>: No*Incubation Period*<sup>2</sup>: 16 - 17 days*Federally Endangered*<sup>6</sup>: No*Clutch Size*<sup>2</sup>: 4 - 8 eggs*State Threatened*<sup>7</sup>: Not applicable*Number of Broods*<sup>2</sup>: 1*State Endangered*<sup>7</sup>: Not applicable*Egg description*<sup>2</sup>: White.*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Egg length*<sup>2</sup>: 1.8 - 1.9 cm*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*Egg width*<sup>2</sup>: 1.3 cm*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*Breeding time-frame - Start*<sup>5</sup>: Not yet available*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*Breeding time-frame - Stop*<sup>5</sup>: Not yet available*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**

Presence

Abundance

Effort



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Northern Shoveler  
*Spatula clypeata*

Global: 5,900,000  
Continental U.S. & Canada:  
4,400,000

Common



Alpha Code

Alpha Code<sup>1</sup>: NSHO

Physical Details

Weight<sup>2</sup>: 400 - 820 g

Length<sup>2</sup>: 44 - 51 cm

Habitat

Habitat Category<sup>2</sup>: Marshes

Primary Breeding Habitat<sup>4</sup>: Wetlands, Seasonally Wet Grasslands

Population Information

Global Population<sup>4</sup>: 5,900,000

% Population Estimate USA & Canada<sup>4</sup>: 74.58%  
Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Dabbler

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 22 - 25 days

Clutch Size<sup>2</sup>: 8 - 12 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Pale greenish gray or olive-buff.

Egg length<sup>2</sup>: 4.6 - 5.7 cm

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No



Egg width<sup>2</sup>: 3.3 - 3.9 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

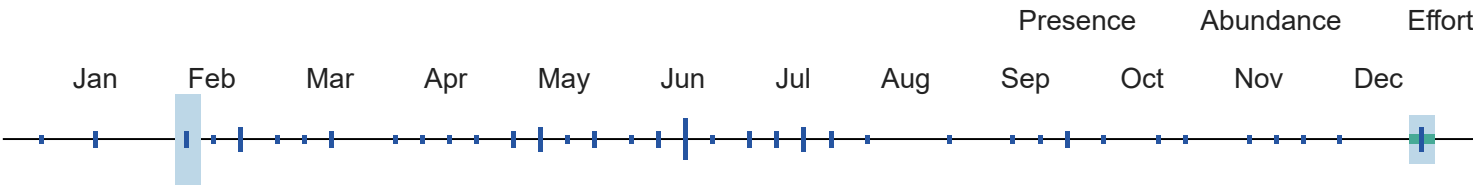
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Olive-sided Flycatcher

Contopus cooperi

Global: 1,900,000

Continental U.S. & Canada: 1,900,000

BCRBCC Breeding:

2,3,5,9,10,12,14,15,16,32,34



Alpha Code

Alpha Code<sup>1</sup>: OSFL

Physical Details

Weight<sup>2</sup>: 28 - 40.4 g

Length<sup>2</sup>: 18 - 20 cm

Habitat

Habitat Category<sup>2</sup>: Open Woodlands

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 1,900,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 1,600,000

Upper 95% Bound USA & Canada<sup>3</sup>: 2,300,000

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

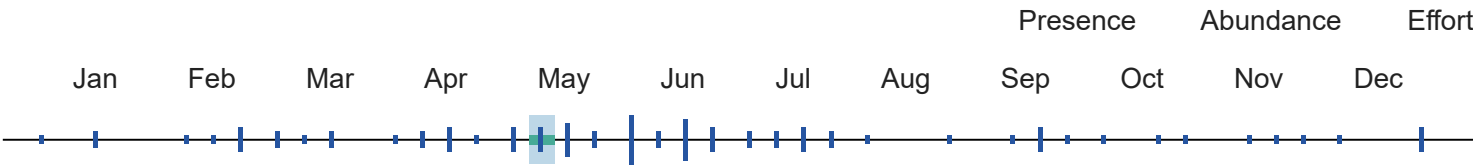
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology


Conservation Status

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Food Category</i> <sup>2</sup> : Insects	<i>Continental Importance</i> <sup>4</sup> : Yellow Watch List; Tipping Point
<i>Behavior Category</i> <sup>2</sup> : Flycatching	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Tree	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 15 - 19 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 3 - 4 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Creamy white or buff with ring of brownish spots on large end.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 2 - 2.4 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : Yes
<i>Egg width</i> <sup>2</sup> : 1.5 - 1.7 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Yes
<i>Breeding time-frame - Start</i> <sup>5</sup> : 20-May	<i>BCRs where BCC Breeding</i> <sup>9</sup> : 2,3,5,9,10,12,14,15,16,32,34
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 31-Aug	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Orange-crowned Warbler

*Leiothlypis celata*

Global: 82,000,000  
Continental U.S. & Canada:  
82,000,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : OCWA	<i>Weight</i> <sup>2</sup> : 7 - 11 g
	<i>Length</i> <sup>2</sup> : 11 - 14 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Forests	<i>Global Population</i> <sup>4</sup> : 82,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Western	

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 69,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 96,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: Not yet available

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: Not yet available

Egg description<sup>2</sup>: White to cream-colored, finely speckled with reddish-brown or chestnut.

Egg length<sup>2</sup>: Not yet available

Egg width<sup>2</sup>: Not yet available

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

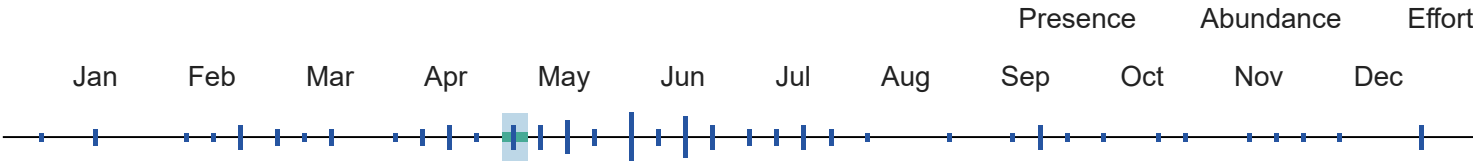
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Orchard Oriole**  
*Icterus spurius*

Global: 12,000,000  
Continental U.S. & Canada:  
11,000,000

**BCRBCC Breeding: 36**



**Alpha Code**

*Alpha Code*<sup>1</sup>: OROR

**Physical Details**

*Weight*<sup>2</sup>: 16 - 28 g

*Length*<sup>2</sup>: 15 - 18 cm

**Habitat**

*Habitat Category*<sup>2</sup>: Open Woodlands

**Population Information**

*Global Population*<sup>4</sup>: 12,000,000

*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Eastern

*% Population Estimate USA & Canada*<sup>4</sup>: 91.67%  
Lower 95% Bound USA & Canada<sup>3</sup>: 9,900,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 12,000,000

*Continental Population Trend*<sup>4</sup>: Moderate to large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 8.33%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 850,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,300,000

*% State Population (USA only)*<sup>3</sup>: AR - 4.58%  
Lower 95% Bound State<sup>3</sup>: AR - 380,000  
Upper 95% Bound State<sup>3</sup>: AR - 760,000

**Biology**

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Tree

*Incubation Period*<sup>2</sup>: 12 - 14 days

*Clutch Size*<sup>2</sup>: 4 - 6 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: Light blue or gray, with dark markings of purple, brown, black, or gray.

*Egg length*<sup>2</sup>: 1.9 - 2.3 cm

*Egg width*<sup>2</sup>: 1.4 - 1.5 cm

*Breeding time-frame - Start*<sup>5</sup>: 10-Jun

*Breeding time-frame - Stop*<sup>5</sup>: 15-Aug

**Conservation Status**

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes

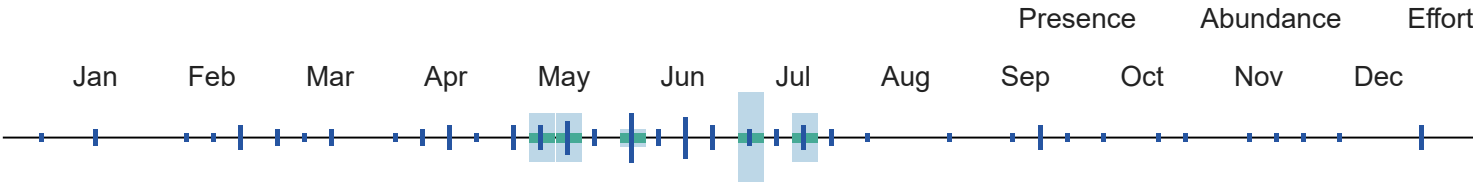
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: No

*BCRs where BCC Breeding*<sup>9</sup>: 36


*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Osprey

*Pandion*

*haliaetus*

Global: 1,200,000

Continental U.S. & Canada:

400,000

State Threatened: NJ, IL, SD

^

Alpha Code

Alpha Code<sup>1</sup>: OSPR

Physical Details

Weight<sup>2</sup>: 1400 - 2000 g

Length<sup>2</sup>: 54 - 58 cm

Habitat

Habitat Category<sup>2</sup>: Lakes and Ponds

Primary Breeding Habitat<sup>4</sup>: Wetlands, Lakes and Rivers

Population Information

Global Population<sup>4</sup>: 1,200,000

% Population Estimate USA & Canada<sup>4</sup>: 33.33%  
Lower 95% Bound USA & Canada<sup>3</sup>: 330,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 480,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.11%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 350  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,900

% State Population (USA only)<sup>3</sup>: AR - 0.01%  
Lower 95% Bound State<sup>3</sup>: AR - 0  
Upper 95% Bound State<sup>3</sup>: AR - 290

Biology

Food Category<sup>2</sup>: Fish

Behavior Category<sup>2</sup>: Aerial Dive (ground/talons)

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 36 - 42 days

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Clutch Size<sup>2</sup>: 1 - 4 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Cream to pinkish cinnamon; wreathed and spotted with reddish brown.

Egg length<sup>2</sup>: 5.5 - 6.8 cm

Egg width<sup>2</sup>: 4.2 - 5 cm

Breeding time-frame - Start<sup>5</sup>: 15-Apr

Breeding time-frame - Stop<sup>5</sup>: 5-Sep

State Threatened<sup>7</sup>: NJ, IL, SD

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

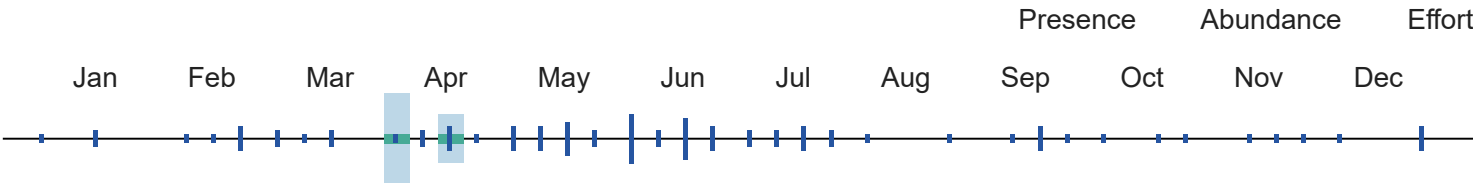
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Ovenbird

Seiurus

aurocapilla

Global: 26,000,000

Continental U.S. & Canada:

26,000,000

Common

^

Alpha Code	Physical Details
Alpha Code <sup>1</sup> : OVEN	Weight <sup>2</sup> : 16 - 28 g
	Length <sup>2</sup> : 11 - 14 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Forests	Global Population <sup>4</sup> : 26,000,000
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Eastern	% Population Estimate USA & Canada <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 23,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 30,000,000
	Continental Population Trend <sup>4</sup> : Small increase or stable
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : BCR 24 - 0.92%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 130,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 390,000

% State Population (USA only)<sup>3</sup>: AR - 0.46%

Lower 95% Bound State<sup>3</sup>: AR - 26,000

Upper 95% Bound State<sup>3</sup>: AR - 280,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 11 - 14 days

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: White with reddish-brown spots and speckles.

Egg length<sup>2</sup>: 1.9 - 2.2 cm

Egg width<sup>2</sup>: 1.4 - 1.6 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

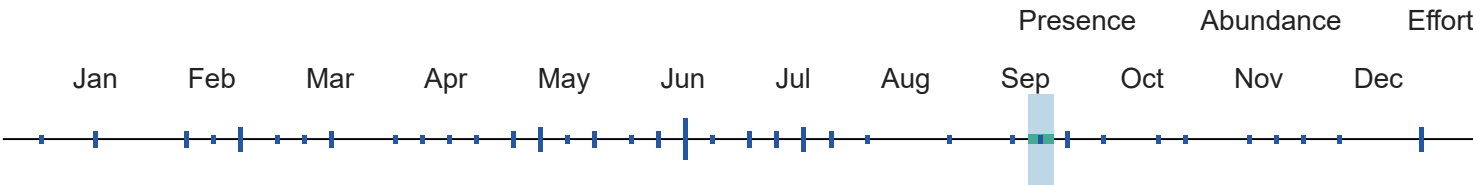
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Painted Bunting  
*Passerina ciris*

Global: 15,000,000  
Continental U.S. & Canada:  
13,000,000

BCRBCC Breeding:  
20,27,31,36,37

Alpha Code

Alpha Code<sup>1</sup>: PABU

Physical Details

Weight<sup>2</sup>: 13 - 19 g

Length<sup>2</sup>: 12 - 13 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Scrub

Global Population<sup>4</sup>: 15,000,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 86.67%

Lower 95% Bound USA & Canada<sup>3</sup>: 11,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 15,000,000

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.80%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 63,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 200,000

% State Population (USA only)<sup>3</sup>: AR - 2.00%

Lower 95% Bound State<sup>3</sup>: AR - 170,000

Upper 95% Bound State<sup>3</sup>: AR - 450,000

Biology

Conservation Status

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Shrub

Incubation Period<sup>2</sup>: 11 - 12 days

Clutch Size<sup>2</sup>: 3 - 4 eggs

Number of Broods<sup>2</sup>: 1 - 3

Egg description<sup>2</sup>: Grayish or pale bluish white, with fine speckles of brown and gray.

Egg length<sup>2</sup>: 1.8 - 2.1 cm

Egg width<sup>2</sup>: 1.4 - 1.5 cm

Breeding time-frame - Start<sup>5</sup>: 25-Apr

Breeding time-frame - Stop<sup>5</sup>: 15-Aug

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: Yes

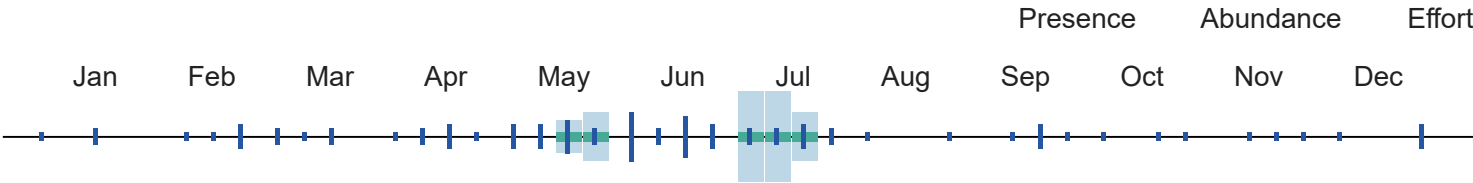
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: No

BCRs where BCC Breeding<sup>9</sup>: 20,27,31,36,37

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable


[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.





Palm Warbler

Setophaga palmarum

Global: 13,000,000

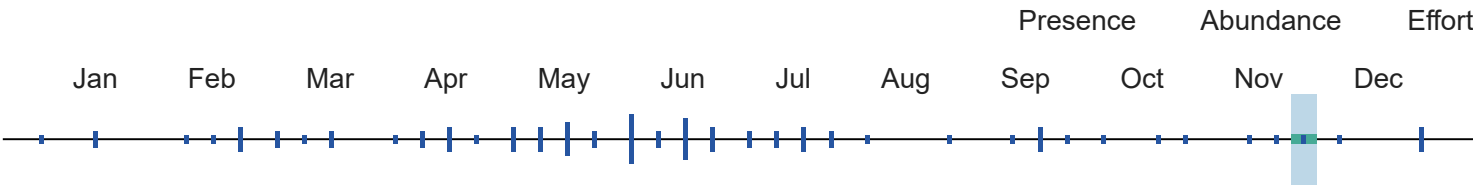
Continental U.S. & Canada: 13,000,000

Common

^

Alpha Code	Physical Details
Alpha Code <sup>1</sup> : PAWA	Weight <sup>2</sup> : 7 - 13 g
	Length <sup>2</sup> : 12 - 14 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Open Woodlands	Global Population <sup>4</sup> : 13,000,000
Primary Breeding Habitat <sup>4</sup> : Wetlands, Boreal	% Population Estimate USA & Canada <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 9,900,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 17,000,000
	Continental Population Trend <sup>4</sup> : Small increase or stable
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : Not yet available
	Lower 95% Bound BCR <sup>3</sup> : Not yet available
	Upper 95% Bound BCR <sup>3</sup> : Not yet available
	% State Population (USA only) <sup>3</sup> : Not yet available
	Lower 95% Bound State <sup>3</sup> : Not yet available
	Upper 95% Bound State <sup>3</sup> : Not yet available
Biology	Conservation Status
Food Category <sup>2</sup> : Insects	Continental Importance <sup>4</sup> : Not yet available
Behavior Category <sup>2</sup> : Ground Forager	Half Life <sup>4</sup> : Not yet available
Nesting Category <sup>2</sup> : Ground	Federally Threatened <sup>6</sup> : No
Incubation Period <sup>2</sup> : Not yet available	Federally Endangered <sup>6</sup> : No
Clutch Size <sup>2</sup> : 4 - 5 eggs	State Threatened <sup>7</sup> : Not applicable
Number of Broods <sup>2</sup> : Not yet available	State Endangered <sup>7</sup> : Not applicable
Egg description <sup>2</sup> : White speckled with brown and lavender spots.	Migratory Bird Treaty Act <sup>8</sup> : Listed
Egg length <sup>2</sup> : 1.6 - 1.9 cm	Bird of Conservation Concern (BCC) <sup>9</sup> : No
Egg width <sup>2</sup> : 1.2 - 1.3 cm	BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands <sup>9,10</sup> : Not applicable
Breeding time-frame - Start <sup>5</sup> : Not yet available	BCRs where BCC Breeding <sup>9</sup> : Not applicable
Breeding time-frame - Stop <sup>5</sup> : Not yet available	BCRs where BCC Non-breeding <sup>9</sup> : Not applicable

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Global: 4,000,000  
Continental U.S. & Canada:  
4,000,000

Common

^

Philadelphia Vireo  
*Vireo philadelphicus*

Alpha Code

Alpha Code<sup>1</sup>: PHVI

Physical Details

Weight<sup>2</sup>: 10.3 - 16.1 g

Length<sup>2</sup>: 10.7 - 12.5 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 4,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 3,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 5,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Tree

Conservation Status

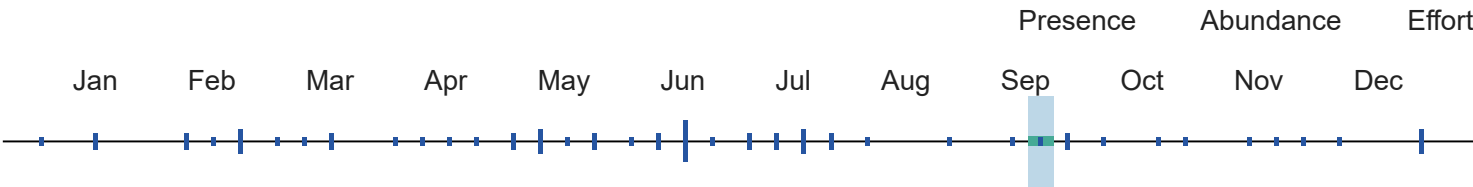
Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available


Federally Threatened<sup>6</sup>: No

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Incubation Period</i> <sup>2</sup> : 11 - 13 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 3 - 4 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Not yet available	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.78 - 2.17 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.3 - 1.53 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Pied-billed Grebe

*Podilymbus podiceps*

Global: 3,100,000

Continental U.S. & Canada: 1,100,000

State Threatened: NH, NY

State Endangered: MA, CT, DE, NJ, RI

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : PBGR	<i>Weight</i> <sup>2</sup> : 253 - 568 g
	<i>Length</i> <sup>2</sup> : 30 - 38 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Lakes and Ponds	<i>Global Population</i> <sup>4</sup> : 3,100,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Wetlands, Freshwater Marsh	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 35.48%
	Lower 95% Bound USA & Canada <sup>3</sup> : Not yet available
	Upper 95% Bound USA & Canada <sup>3</sup> : Not yet available
	<i>Continental Population Trend</i> <sup>4</sup> : Small increase or stable
	<i>Regional Population Trend</i> <sup>4</sup> : Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Aquatic invertebrates

Behavior Category<sup>2</sup>: Surface Dive

Nesting Category<sup>2</sup>: Floating

Incubation Period<sup>2</sup>: 23 - 27 days

Clutch Size<sup>2</sup>: 2 - 10 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Bluish white to greenish white, rarely turquoise, and unmarked.

Egg length<sup>2</sup>: 3.8 - 5 cm

Egg width<sup>2</sup>: 2.7 - 3.2 cm

Breeding time-frame - Start<sup>5</sup>: 15-Feb

Breeding time-frame - Stop<sup>5</sup>: 15-Nov

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: NH, NY

State Endangered<sup>7</sup>: MA, CT, DE, NJ, RI

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

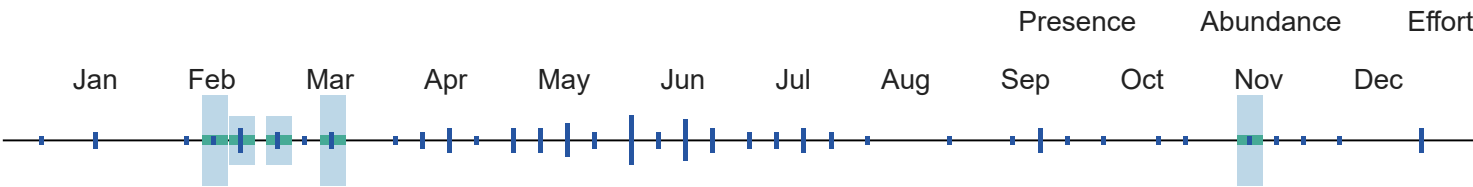
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Pileated

Global: 2,600,000  
Continental U.S. & Canada:  
2,600,000

Common

Woodpecker  
*Dryocopus pileatus*

**Alpha Code****Physical Details***Alpha Code*<sup>1</sup>: PIWO*Weight*<sup>2</sup>: 250 - 350 g*Length*<sup>2</sup>: 40 - 49 cm**Habitat****Population Information***Habitat Category*<sup>2</sup>: Forests*Global Population*<sup>4</sup>: 2,600,000*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Generalist

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 2,400,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 2,900,000

*Continental Population Trend*<sup>4</sup>: Significant large increase*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 8.08%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 160,000  
*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 270,000

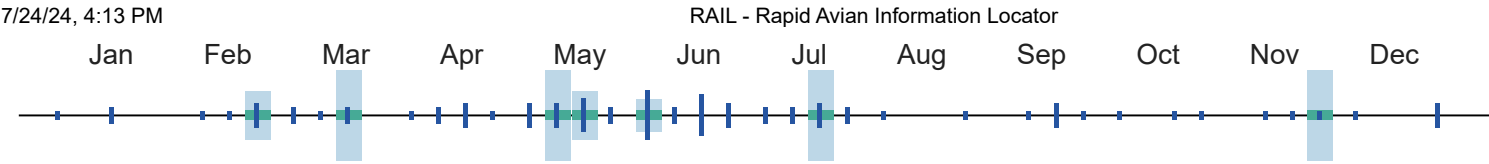
*% State Population (USA only)*<sup>3</sup>: AR - 3.15%  
*Lower 95% Bound State*<sup>3</sup>: AR - 54,000  
*Upper 95% Bound State*<sup>3</sup>: AR - 120,000

**Biology****Conservation Status***Food Category*<sup>2</sup>: Insects*Continental Importance*<sup>4</sup>: Not yet available*Behavior Category*<sup>2</sup>: Bark Forager*Half Life*<sup>4</sup>: Not yet available*Nesting Category*<sup>2</sup>: Cavity*Federally Threatened*<sup>6</sup>: No*Incubation Period*<sup>2</sup>: 15 - 18 days*Federally Endangered*<sup>6</sup>: No*Clutch Size*<sup>2</sup>: 3 - 5 eggs*State Threatened*<sup>7</sup>: Not applicable*Number of Broods*<sup>2</sup>: 1*State Endangered*<sup>7</sup>: Not applicable*Egg description*<sup>2</sup>: White.*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Egg length*<sup>2</sup>: 3 - 3.5 cm*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*Egg width*<sup>2</sup>: 2.4 - 2.6 cm*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*Breeding time-frame - Start*<sup>5</sup>: Not yet available*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*Breeding time-frame - Stop*<sup>5</sup>: Not yet available*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**


Presence

Abundance

Effort



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Pine Warbler

Setophaga pinus

Global: 13,000,000

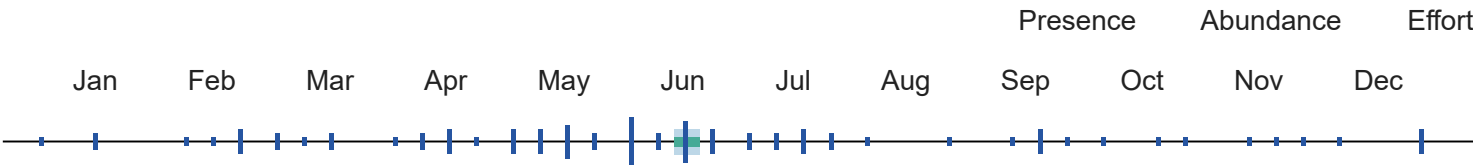
Continental U.S. & Canada: 13,000,000

Common

^

Alpha Code	Physical Details
Alpha Code <sup>1</sup> : PIWA	Weight <sup>2</sup> : 9 - 15 g
	Length <sup>2</sup> : 13 - 14 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Forests	Global Population <sup>4</sup> : 13,000,000
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Eastern	% Population Estimate USA & Canada <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 12,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 14,000,000
	Continental Population Trend <sup>4</sup> : Significant large increase
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : BCR 24 - 3.00%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 250,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 590,000
	% State Population (USA only) <sup>3</sup> : AR - 7.69%
	Lower 95% Bound State <sup>3</sup> : AR - 640,000
	Upper 95% Bound State <sup>3</sup> : AR - 1,500,000
Biology	Conservation Status
Food Category <sup>2</sup> : Insects	Continental Importance <sup>4</sup> : Not yet available
Behavior Category <sup>2</sup> : Bark Forager	Half Life <sup>4</sup> : Not yet available
Nesting Category <sup>2</sup> : Tree	Federally Threatened <sup>6</sup> : No
Incubation Period <sup>2</sup> : 10 - 13 days	Federally Endangered <sup>6</sup> : No
Clutch Size <sup>2</sup> : 3 - 5 eggs	State Threatened <sup>7</sup> : Not applicable
Number of Broods <sup>2</sup> : 1 - 2	State Endangered <sup>7</sup> : Not applicable
Egg description <sup>2</sup> : White, grayish, or greenish white with brown speckles.	Migratory Bird Treaty Act <sup>8</sup> : Listed
Egg length <sup>2</sup> : 1.6 - 2 cm	Bird of Conservation Concern (BCC) <sup>9</sup> : No

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Prairie Warbler

Setophaga discolor

Global: 3,600,000

Continental U.S. & Canada: 3,600,000

State Endangered: MI

BCRBCC Breeding: 13,14,24,25,26,27,28,29,30,31



Alpha Code

Alpha Code<sup>1</sup>: PRAW

Physical Details

Weight<sup>2</sup>: 6.4 - 8.8 g

Length<sup>2</sup>: 11 cm

Habitat

Habitat Category<sup>2</sup>: Scrub

Population Information

Global Population<sup>4</sup>: 3,600,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 3,200,000

Upper 95% Bound USA & Canada<sup>3</sup>: 4,000,000

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 15.56%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 430,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 710,000

% State Population (USA only)<sup>3</sup>: AR - 6.94%

Lower 95% Bound State<sup>3</sup>: AR - 160,000

Upper 95% Bound State<sup>3</sup>: AR - 370,000

Biology

Conservation Status

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Shrub

Incubation Period<sup>2</sup>: 10 - 15 days

Clutch Size<sup>2</sup>: 3 - 5 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Pale brownish or gray, often with a ring of spots near one end and more spots scattered over the rest of the shell.

Egg length<sup>2</sup>: 1.4 - 1.8 cm

Egg width<sup>2</sup>: 1.1 - 1.3 cm

Breeding time-frame - Start<sup>5</sup>: 1-May

Breeding time-frame - Stop<sup>5</sup>: 31-Jul

Continental Importance<sup>4</sup>: Yellow Watch List; Tipping Point

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: MI

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: Yes

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Yes

BCRs where BCC Breeding<sup>9</sup>: 13,14,24,25,26,27,28,29,30,31

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable


[More information on BCR's](#)

Phenology Graph

The Phenology Graph displays three data series across the months of the year (Jan to Dec):

- Presence:** Indicated by blue vertical tick marks. It shows presence from January through December, with a continuous line from January to March and April, and individual ticks for May through December.
- Abundance:** Indicated by green vertical bars. It shows abundance from April through June. The bars are most prominent in April and May, with a smaller one in June.
- Effort:** Indicated by blue vertical tick marks. It shows effort from January through December, with a continuous line from January to March and April, and individual ticks for May through December.

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Purple Martin

Progne subis

Global: 9,300,000

Continental U.S. & Canada: 8,700,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: PUMA

Habitat

Habitat Category<sup>2</sup>: Lakes and Ponds

Primary Breeding Habitat<sup>4</sup>: Open Country Aerial, Habitat Mosaic

Physical Details

Weight<sup>2</sup>: 45 - 60 g

Length<sup>2</sup>: 19 - 20 cm

Population Information

Global Population<sup>4</sup>: 9,300,000

% Population Estimate USA & Canada<sup>4</sup>: 93.55%

Lower 95% Bound USA & Canada<sup>3</sup>: 7,800,000

https://data.pointblue.org/apps/rail/133/191



Upper 95% Bound USA & Canada<sup>3</sup>: 9,800,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 9.03%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 620,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,100,000

% State Population (USA only)<sup>3</sup>: AR - 3.33%  
Lower 95% Bound State<sup>3</sup>: AR - 200,000  
Upper 95% Bound State<sup>3</sup>: AR - 470,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Aerial Forager

Nesting Category<sup>2</sup>: Cavity

Incubation Period<sup>2</sup>: 15 - 18 days

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Pure white and smooth.

Egg length<sup>2</sup>: 2.1 - 2.7 cm

Egg width<sup>2</sup>: 1.6 - 1.9 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

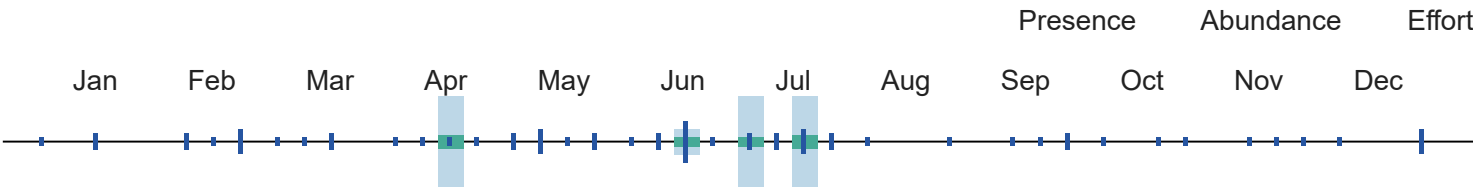
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

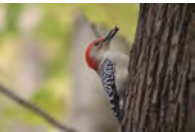
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Red-bellied

Global: 16,000,000  
Continental U.S. & Canada:  
16,000,000

Common

Woodpecker  
*Melanerpes carolinus*

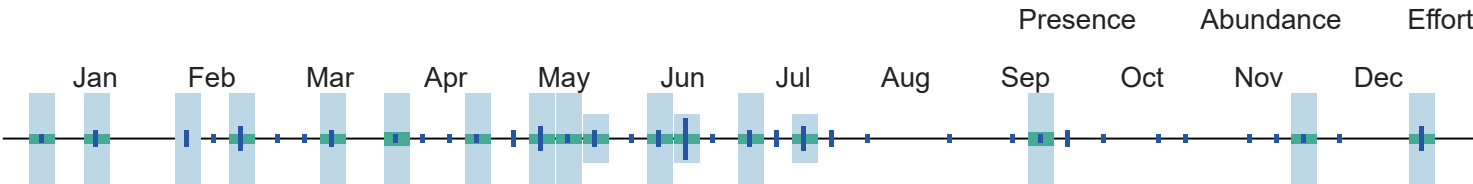
Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : RBWO	<i>Weight</i> <sup>2</sup> : 56 - 91 g <i>Length</i> <sup>2</sup> : 24 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Forests	<i>Global Population</i> <sup>4</sup> : 16,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Eastern	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00% Lower 95% Bound USA & Canada <sup>3</sup> : 14,000,000 Upper 95% Bound USA & Canada <sup>3</sup> : 17,000,000  <i>Continental Population Trend</i> <sup>4</sup> : Significant large increase  <i>Regional Population Trend</i> <sup>4</sup> : Not yet available  <i>% BCR Population</i> <sup>3</sup> : BCR 24 - 11.25% Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 1,400,000 Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 2,300,000  <i>% State Population (USA only)</i> <sup>3</sup> : AR - 3.75% Lower 95% Bound State <sup>3</sup> : AR - 410,000 Upper 95% Bound State <sup>3</sup> : AR - 860,000
Biology	Conservation Status
<i>Food Category</i> <sup>2</sup> : Insects	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Bark Forager	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Cavity	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 12 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 2 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 3	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Smooth white.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 2.2 - 2.9 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.7 - 2.2 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable

Breeding time-frame - Stop<sup>5</sup>: Not yet available


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Red-eyed Vireo

Vireo olivaceus

Global: 130,000,000

Continental U.S. & Canada: 130,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: REVI

Physical Details

Weight<sup>2</sup>: 12 - 26 g

Length<sup>2</sup>: 12 - 13 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Generalist

Population Information

Global Population<sup>4</sup>: 130,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 120,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 140,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 2.62%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 2,500,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 4,400,000

% State Population (USA only)<sup>3</sup>: AR - 1.38%  
Lower 95% Bound State<sup>3</sup>: AR - 1,200,000  
Upper 95% Bound State<sup>3</sup>: AR - 2,700,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Tree

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Incubation Period<sup>2</sup>: 11 - 15 days

Clutch Size<sup>2</sup>: 1 - 5 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Dull white with sparse, sepia speckling.

Egg length<sup>2</sup>: 2 - 2.4 cm

Egg width<sup>2</sup>: 1.2 - 2.4 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

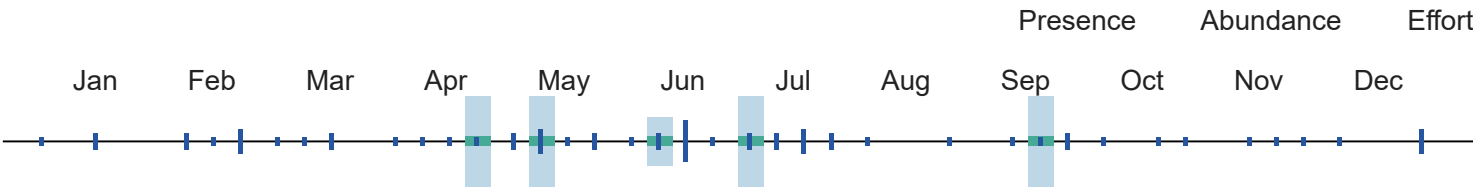
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Red-headed  
Woodpecker  
*Melanerpes erythrocephalus*

Global: 1,800,000  
Continental U.S. & Canada:  
1,800,000

State Threatened: NJ

State Endangered: CT

BCRBCC Breeding:  
11,13,17,18,19,21,22,23,24,25,26  
,27,28,29,30,31,37

Alpha Code	Physical Details
Alpha Code <sup>1</sup> : RHOW	Weight <sup>2</sup> : 56 - 91 g
	Length <sup>2</sup> : 19 - 23 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Open Woodlands	Global Population <sup>4</sup> : 1,800,000
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Eastern	% Population Estimate USA & Canada <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 1,600,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 2,100,000
	Continental Population Trend <sup>4</sup> : Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 6.11%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 80,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 150,000

% State Population (USA only)<sup>3</sup>: AR - 3.39%  
Lower 95% Bound State<sup>3</sup>: AR - 34,000  
Upper 95% Bound State<sup>3</sup>: AR - 100,000

Biology

Food Category<sup>2</sup>: Omnivore

Behavior Category<sup>2</sup>: Flycatching

Nesting Category<sup>2</sup>: Cavity

Incubation Period<sup>2</sup>: 12 - 14 days

Clutch Size<sup>2</sup>: 3 - 10 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Pure white.

Egg length<sup>2</sup>: 2.5 cm

Egg width<sup>2</sup>: 1.9 cm

Breeding time-frame - Start<sup>5</sup>: 10-May

Breeding time-frame - Stop<sup>5</sup>: 10-Sep

Conservation Status

Continental Importance<sup>4</sup>: Common Bird in Steep Decline; previously Watch List

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: NJ

State Endangered<sup>7</sup>: CT

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: Yes

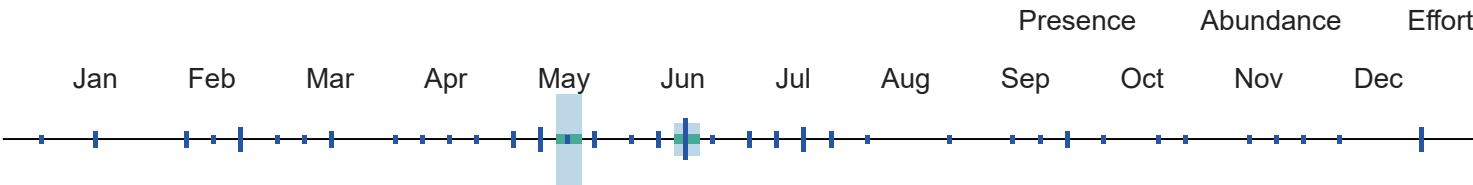
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Yes

BCRs where BCC Breeding<sup>9</sup>:  
11,13,17,18,19,21,22,23,24,25,26,27,28,29,30,31,37


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Red-shouldered Hawk

Buteo lineatus

Global: 1,900,000

Continental U.S. & Canada: 1,800,000

State Threatened: MI, WI

State Endangered: NJ

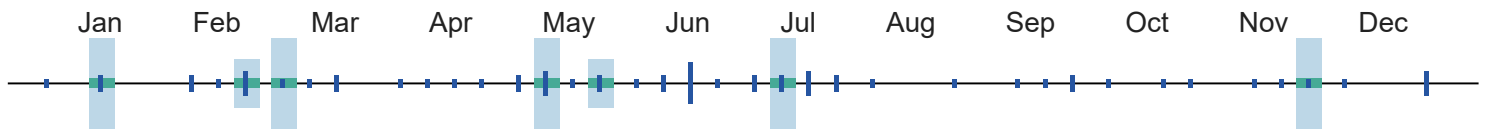
^

**Alpha Code****Physical Details***Alpha Code*<sup>1</sup>: RSHA*Weight*<sup>2</sup>: 486 - 774 g*Length*<sup>2</sup>: 43 - 61 cm**Habitat****Population Information***Habitat Category*<sup>2</sup>: Forests*Global Population*<sup>4</sup>: 1,900,000*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Eastern% *Population Estimate USA & Canada*<sup>4</sup>: 94.74%Lower 95% Bound USA & Canada<sup>3</sup>: 1,600,000Upper 95% Bound USA & Canada<sup>3</sup>: 2,100,000*Continental Population Trend*<sup>4</sup>: Significant large increase*Regional Population Trend*<sup>4</sup>: Not yet available% *BCR Population*<sup>3</sup>: BCR 24 - 8.42%Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 110,000Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 210,000% *State Population (USA only)*<sup>3</sup>: AR - 3.95%Lower 95% Bound State<sup>3</sup>: AR - 46,000Upper 95% Bound State<sup>3</sup>: AR - 120,000**Biology****Conservation Status***Food Category*<sup>2</sup>: Mammals*Continental Importance*<sup>4</sup>: Not yet available*Behavior Category*<sup>2</sup>: Aerial Dive (ground/talons)*Half Life*<sup>4</sup>: Not yet available*Nesting Category*<sup>2</sup>: Tree*Federally Threatened*<sup>6</sup>: No*Incubation Period*<sup>2</sup>: 32 - 40 days*Federally Endangered*<sup>6</sup>: No*Clutch Size*<sup>2</sup>: 2 - 5 eggs*State Threatened*<sup>7</sup>: MI, WI*Number of Broods*<sup>2</sup>: 1*State Endangered*<sup>7</sup>: NJ*Egg description*<sup>2</sup>: Dull white or faint bluish with brown blotches and markings*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*Egg length*<sup>2</sup>: 5.24 - 5.65 cm*Egg width*<sup>2</sup>: 4.16 - 4.39 cm*Breeding time-frame - Start*<sup>5</sup>: 10-Mar*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*Breeding time-frame - Stop*<sup>5</sup>: 20-Jul*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**

Presence

Abundance

Effort



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Red-tailed Hawk**  
*Buteo jamaicensis*

Global: 3,100,000  
Continental U.S. & Canada:  
2,800,000

**Common**



**Alpha Code**

*Alpha Code*<sup>1</sup>: RTHA

**Physical Details**

*Weight*<sup>2</sup>: 690 - 1300 g

*Length*<sup>2</sup>: 45 - 56 cm

**Habitat**

*Habitat Category*<sup>2</sup>: Open Woodlands

*Primary Breeding Habitat*<sup>4</sup>: Open Country, Habitat Mosaic

**Population Information**

*Global Population*<sup>4</sup>: 3,100,000

*% Population Estimate USA & Canada*<sup>4</sup>: 90.32%

Lower 95% Bound USA & Canada<sup>3</sup>: 2,600,000

Upper 95% Bound USA & Canada<sup>3</sup>: 3,100,000

*Continental Population Trend*<sup>4</sup>: Significant large increase

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 2.10%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 50,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 84,000

*% State Population (USA only)*<sup>3</sup>: AR - 0.74%

Lower 95% Bound State<sup>3</sup>: AR - 14,000

Upper 95% Bound State<sup>3</sup>: AR - 35,000

**Biology**

*Food Category*<sup>2</sup>: Small Animals

*Behavior Category*<sup>2</sup>: Soaring (raptor)

*Nesting Category*<sup>2</sup>: Tree

*Incubation Period*<sup>2</sup>: 28 - 35 days

*Clutch Size*<sup>2</sup>: 1 - 5 eggs

*Number of Broods*<sup>2</sup>: 1

*Egg description*<sup>2</sup>: White or buffy, blotched or speckled with buff, brown, or purple.

*Egg length*<sup>2</sup>: 5.5 - 6.8 cm

**Conservation Status**

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

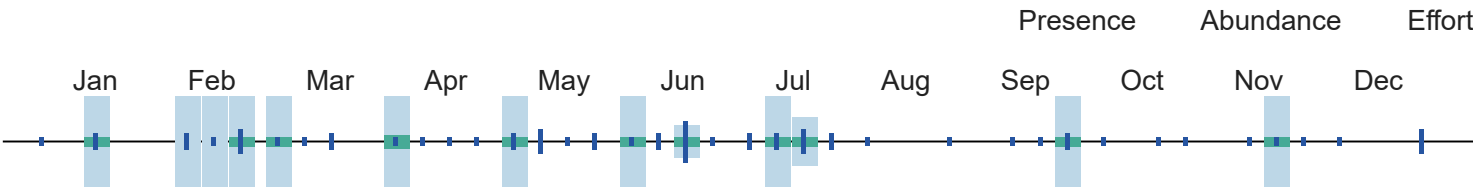
*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Red-winged Blackbird

Agelaius phoeniceus

Global: 180,000,000

Continental U.S. & Canada: 170,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: RWBL

Physical Details

Weight<sup>2</sup>: 32 - 77 g

Length<sup>2</sup>: 17 - 23 cm

Habitat

Habitat Category<sup>2</sup>: Marshes

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat Mosaic

Population Information

Global Population<sup>4</sup>: 180,000,000

% Population Estimate USA & Canada<sup>4</sup>: 94.44%  
Lower 95% Bound USA & Canada<sup>3</sup>: 160,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 200,000,000

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 2.33%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 3,100,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 5,700,000

% State Population (USA only)<sup>3</sup>: AR - 3.39%  
Lower 95% Bound State<sup>3</sup>: AR - 3,200,000  
Upper 95% Bound State<sup>3</sup>: AR - 11,000,000

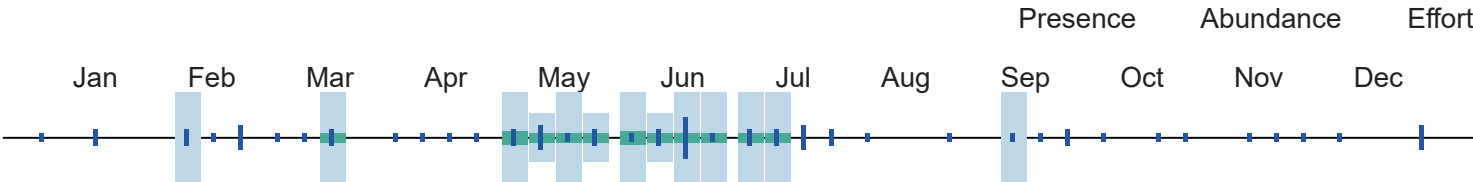
Biology

Conservation Status

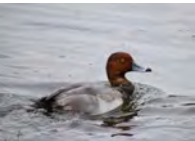


7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Food Category</i> <sup>2</sup> : Insects	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Ground Forager	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Shrub	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 11 - 13 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 2 - 4 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Pale blue-green to gray with black or brown markings.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 2.2 - 2.7 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.6 - 1.9 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Redhead

Aythya americana

Global: 1,200,000

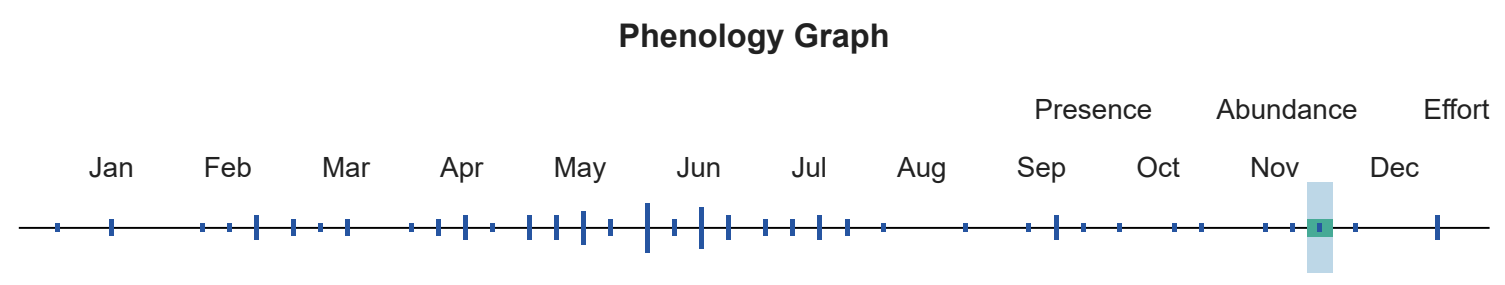
Continental U.S. & Canada: 1,200,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : REDH	<i>Weight</i> <sup>2</sup> : 630 - 1500 g
	<i>Length</i> <sup>2</sup> : 42 - 54 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Lakes and Ponds	<i>Global Population</i> <sup>4</sup> : 1,200,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Wetlands, Seasonally Wet Grasslands	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	<i>Lower 95% Bound USA &amp; Canada</i> <sup>3</sup> : Not yet available
	<i>Upper 95% Bound USA &amp; Canada</i> <sup>3</sup> : Not yet available

Biology	Conservation Status
Food Category <sup>2</sup> : Plants	Continental Importance <sup>4</sup> : Not yet available
Behavior Category <sup>2</sup> : Surface Dive	Half Life <sup>4</sup> : Not yet available
Nesting Category <sup>2</sup> : Floating	Federally Threatened <sup>6</sup> : No
Incubation Period <sup>2</sup> : 22 - 28 days	Federally Endangered <sup>6</sup> : No
Clutch Size <sup>2</sup> : 7 - 8 eggs	State Threatened <sup>7</sup> : Not applicable
Number of Broods <sup>2</sup> : Not yet available	State Endangered <sup>7</sup> : Not applicable
Egg description <sup>2</sup> : Creamy white to pale, olive buff or sometimes pale, buffy brown.	Migratory Bird Treaty Act <sup>8</sup> : Listed
Egg length <sup>2</sup> : 5.1 - 6.7 cm	Bird of Conservation Concern (BCC) <sup>9</sup> : No
Egg width <sup>2</sup> : 3.9 - 4.7 cm	BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands <sup>9,10</sup> : Not applicable
Breeding time-frame - Start <sup>5</sup> : Not yet available	BCRs where BCC Breeding <sup>9</sup> : Not applicable
Breeding time-frame - Stop <sup>5</sup> : Not yet available	BCRs where BCC Non-breeding <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Ring-billed Gull

Larus delawarensis

Global: 3,800,000

Continental U.S. & Canada: 3,700,000

Common

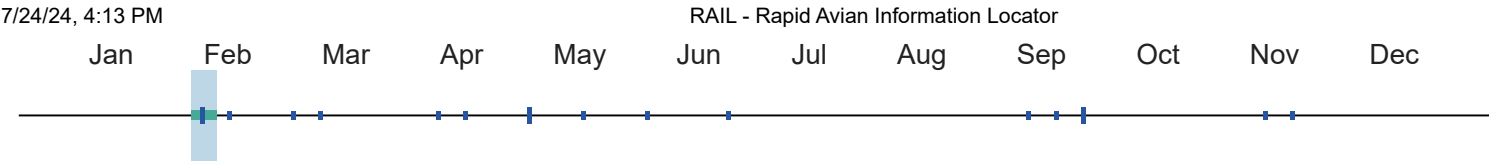
^

**Alpha Code***Alpha Code*<sup>1</sup>: RBGU**Habitat***Habitat Category*<sup>2</sup>: Lakes and Ponds*Primary Breeding Habitat*<sup>4</sup>: Wetlands, Generalist**Biology***Food Category*<sup>2</sup>: Omnivore*Behavior Category*<sup>2</sup>: Ground Forager*Nesting Category*<sup>2</sup>: Ground*Incubation Period*<sup>2</sup>: 20 - 31 days*Clutch Size*<sup>2</sup>: 2 - 4 eggs*Number of Broods*<sup>2</sup>: 1*Egg description*<sup>2</sup>: Pale olive gray with dark brown speckles.*Egg length*<sup>2</sup>: 5 - 6.6 cm*Egg width*<sup>2</sup>: 3.6 - 4.6 cm*Breeding time-frame - Start*<sup>5</sup>: Not yet available*Breeding time-frame - Stop*<sup>5</sup>: Not yet available**Physical Details***Weight*<sup>2</sup>: 300 - 700 g*Length*<sup>2</sup>: 43 - 54 cm**Population Information***Global Population*<sup>4</sup>: 3,800,000*% Population Estimate USA & Canada*<sup>4</sup>: 97.37%Lower 95% Bound USA & Canada<sup>3</sup>: Not yet availableUpper 95% Bound USA & Canada<sup>3</sup>: Not yet available*Continental Population Trend*<sup>4</sup>: Small increase or stable*Regional Population Trend*<sup>4</sup>: Not yet available*% BCR Population*<sup>3</sup>: Not yet availableLower 95% Bound BCR<sup>3</sup>: Not yet availableUpper 95% Bound BCR<sup>3</sup>: Not yet available*% State Population (USA only)*<sup>3</sup>: Not yet availableLower 95% Bound State<sup>3</sup>: Not yet availableUpper 95% Bound State<sup>3</sup>: Not yet available**Conservation Status***Continental Importance*<sup>4</sup>: Not yet available*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: Not applicable*State Endangered*<sup>7</sup>: Not applicable*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**

Presence

Abundance

Effort



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Ring-necked Duck  
*Aythya collaris*

Global: 2,000,000  
Continental U.S. & Canada:  
2,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: RNDU

Physical Details

Weight<sup>2</sup>: 490 - 910 g

Length<sup>2</sup>: 39 - 46 cm

Habitat

Habitat Category<sup>2</sup>: Lakes and Ponds

Primary Breeding Habitat<sup>4</sup>: Wetlands, Boreal

Population Information

Global Population<sup>4</sup>: 2,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Plants

Behavior Category<sup>2</sup>: Surface Dive

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 25 - 29 days

Clutch Size<sup>2</sup>: 6 - 14 eggs

Number of Broods<sup>2</sup>: 1

Egg description<sup>2</sup>: Not yet available

Egg length<sup>2</sup>: 1.9 - 2.4 cm

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

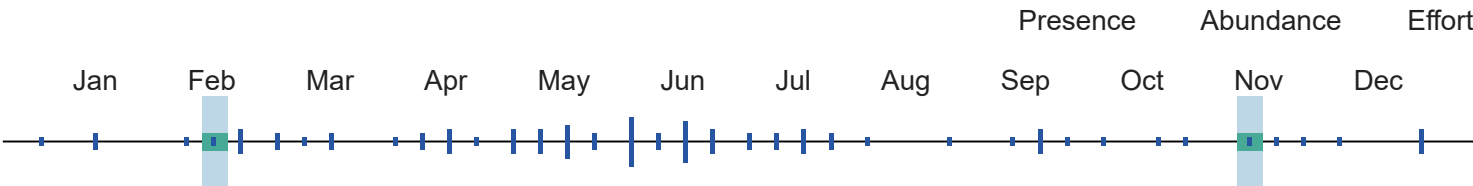
State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable


Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Rock Pigeon

Columba livia

Global: 140,000,000

Continental U.S. & Canada: 16,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: ROPI

Physical Details

Weight<sup>2</sup>: 265 - 380 g

Length<sup>2</sup>: 30 - 36 cm

Habitat

Habitat Category<sup>2</sup>: Towns

Primary Breeding Habitat<sup>4</sup>: Open Country, Developed/Disturbed

Population Information

Global Population<sup>4</sup>: 140,000,000

% Population Estimate USA & Canada<sup>4</sup>: 11.43%  
Lower 95% Bound USA & Canada<sup>3</sup>: 15,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 18,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.24%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 220,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 490,000

% State Population (USA only)<sup>3</sup>: AR - 0.07%  
Lower 95% Bound State<sup>3</sup>: AR - 28,000  
Upper 95% Bound State<sup>3</sup>: AR - 220,000

Biology

Conservation Status

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Building

Incubation Period<sup>2</sup>: 18 days

Clutch Size<sup>2</sup>: 1 - 3 eggs

Number of Broods<sup>2</sup>: 1 - 6

Egg description<sup>2</sup>: White.

Egg length<sup>2</sup>: Not yet available

Egg width<sup>2</sup>: Not yet available

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Not Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Rose-breasted Grosbeak  
*Pheucticus ludovicianus*

Global: 4,700,000  
Continental U.S. & Canada: 4,700,000  
BCRBCC Breeding: 13,14

Alpha Code

Alpha Code<sup>1</sup>: RBGR

Physical Details

Weight<sup>2</sup>: 39 - 49 g  
Length<sup>2</sup>: 18 - 21 cm

Habitat

Habitat Category<sup>2</sup>: Forests  
Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

Population Information

Global Population<sup>4</sup>: 4,700,000  
% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 4,100,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 5,500,000

https://data.pointblue.org/apps/rail/147/191

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.14%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 2,200  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 14,000

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

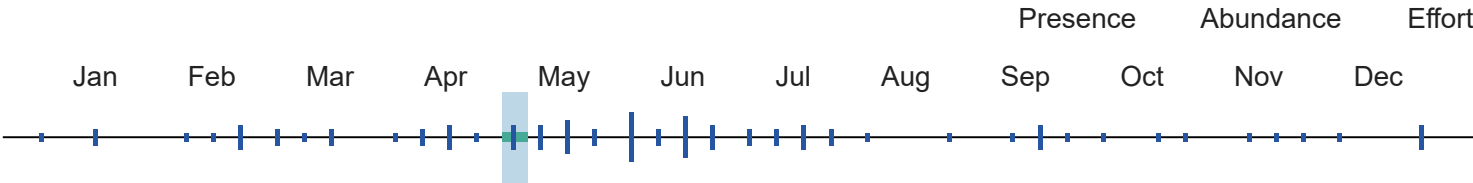
Food Category<sup>2</sup>: Insects  
Behavior Category<sup>2</sup>: Foliage Gleaner  
Nesting Category<sup>2</sup>: Tree  
Incubation Period<sup>2</sup>: 11 - 14 days  
Clutch Size<sup>2</sup>: 1 - 5 eggs  
Number of Broods<sup>2</sup>: 1 - 2  
Egg description<sup>2</sup>: Pale green to blue, with reddish brown or purplish speckles.  
Egg length<sup>2</sup>: 2 - 2.7 cm  
Egg width<sup>2</sup>: 1.6 - 1.9 cm  
Breeding time-frame - Start<sup>5</sup>: 15-May  
Breeding time-frame - Stop<sup>5</sup>: 31-Jul

Conservation Status

Continental Importance<sup>4</sup>: Not yet available  
Half Life<sup>4</sup>: Not yet available  
Federally Threatened<sup>6</sup>: No  
Federally Endangered<sup>6</sup>: No  
State Threatened<sup>7</sup>: Not applicable  
State Endangered<sup>7</sup>: Not applicable  
Migratory Bird Treaty Act<sup>8</sup>: Listed  
Bird of Conservation Concern (BCC)<sup>9</sup>: Yes  
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: No  
BCRs where BCC Breeding<sup>9</sup>: 13,14  
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Ruby-crowned Kinglet

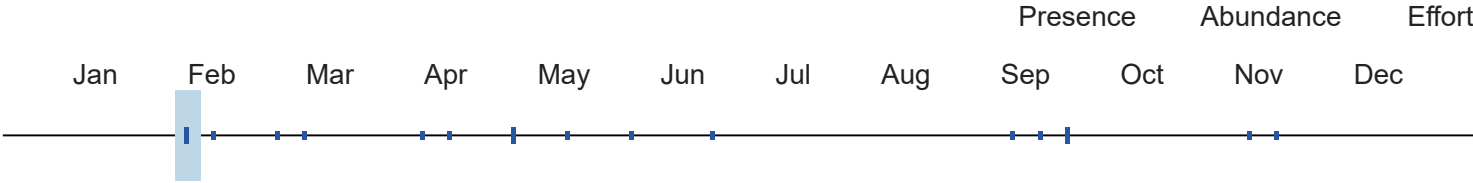
Global: Not yet available  
Continental U.S. & Canada: Not yet available

Common




*Regulus calendula***Alpha Code***Alpha Code*<sup>1</sup>: RCKI**Physical Details***Weight*<sup>2</sup>: 5 - 10 g*Length*<sup>2</sup>: 9 - 11 cm**Habitat***Habitat Category*<sup>2</sup>: Forests*Primary Breeding Habitat*<sup>4</sup>: Not yet available**Population Information***Global Population*<sup>4</sup>: Not yet available*% Population Estimate USA & Canada*<sup>4</sup>: Not yet availableLower 95% Bound USA & Canada<sup>3</sup>: 90,000,000Upper 95% Bound USA & Canada<sup>3</sup>: 110,000,000*Continental Population Trend*<sup>4</sup>: Not yet available*Regional Population Trend*<sup>4</sup>: Not yet available*% BCR Population*<sup>3</sup>: Not yet availableLower 95% Bound BCR<sup>3</sup>: Not yet availableUpper 95% Bound BCR<sup>3</sup>: Not yet available*% State Population (USA only)*<sup>3</sup>: Not yet availableLower 95% Bound State<sup>3</sup>: Not yet availableUpper 95% Bound State<sup>3</sup>: Not yet available**Biology***Food Category*<sup>2</sup>: Insects*Behavior Category*<sup>2</sup>: Foliage Gleaner*Nesting Category*<sup>2</sup>: Tree*Incubation Period*<sup>2</sup>: 12 - 14 days*Clutch Size*<sup>2</sup>: 5 - 12 eggs*Number of Broods*<sup>2</sup>: 1*Egg description*<sup>2</sup>: Drab white spotted with red-brown around large end.*Egg length*<sup>2</sup>: 1.3 - 1.5 cm*Egg width*<sup>2</sup>: 1 - 1.2 cm*Breeding time-frame - Start*<sup>5</sup>: Not yet available*Breeding time-frame - Stop*<sup>5</sup>: Not yet available**Conservation Status***Continental Importance*<sup>4</sup>: Not yet available*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: Not applicable*State Endangered*<sup>7</sup>: Not applicable*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**





<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Ruby-throated

Global: 36,000,000  
Continental U.S. & Canada:  
36,000,000

Common

^

Hummingbird

Archilochus colubris

Alpha Code		Physical Details	
Alpha Code <sup>1</sup> : RTHU		Weight <sup>2</sup> : 2 - 6 g	
		Length <sup>2</sup> : 7 - 9 cm	
Habitat		Population Information	
Habitat Category <sup>2</sup> : Open Woodlands		Global Population <sup>4</sup> : 36,000,000	
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Eastern		% Population Estimate USA & Canada <sup>4</sup> : 100.00%	
		Lower 95% Bound USA & Canada <sup>3</sup> : 31,000,000	
		Upper 95% Bound USA & Canada <sup>3</sup> : 41,000,000	
		Continental Population Trend <sup>4</sup> : Significant large increase	
		Regional Population Trend <sup>4</sup> : Not yet available	
		% BCR Population <sup>3</sup> : BCR 24 - 15.00%	
		Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 3,500,000	
		Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 7,900,000	
		% State Population (USA only) <sup>3</sup> : AR - 4.72%	
		Lower 95% Bound State <sup>3</sup> : AR - 830,000	
		Upper 95% Bound State <sup>3</sup> : AR - 3,200,000	
Biology		Conservation Status	
Food Category <sup>2</sup> : Nectar		Continental Importance <sup>4</sup> : Not yet available	
Behavior Category <sup>2</sup> : Hovering		Half Life <sup>4</sup> : Not yet available	
Nesting Category <sup>2</sup> : Tree		Federally Threatened <sup>6</sup> : No	
Incubation Period <sup>2</sup> : 12 - 14 days		Federally Endangered <sup>6</sup> : No	
Clutch Size <sup>2</sup> : 1 - 3 eggs		State Threatened <sup>7</sup> : Not applicable	
Number of Broods <sup>2</sup> : 1 - 2		State Endangered <sup>7</sup> : Not applicable	

Egg description<sup>2</sup>: Tiny, white, weighting about half a gram, or less than one-fiftieth of an ounce.

Egg length<sup>2</sup>: 1.2 - 1.4 cm

Egg width<sup>2</sup>: 0.8 - 0.9 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

The phenology graph displays three data series across the months of the year (Jan to Dec). The x-axis represents months. The y-axis has three categories: Presence (blue dots), Abundance (green bars), and Effort (blue bars). Presence is marked by blue dots in every month. Abundance is shown as green bars from April to August, with the highest concentration in May and June. Effort is shown as blue bars from April to August, with the highest concentration in May and June.

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Ruddy Duck

*Oxyura jamaicensis*

Global: 1,700,000

Continental U.S. & Canada: 1,300,000

BCRBCC Breeding: 101

^

Alpha Code

Alpha Code<sup>1</sup>: RUDU

Physical Details

Weight<sup>2</sup>: 300 - 850 g

Length<sup>2</sup>: 35 - 43 cm

Habitat

Habitat Category<sup>2</sup>: Marshes

Primary Breeding Habitat<sup>4</sup>: Wetlands, Seasonally Wet Grasslands

Population Information

Global Population<sup>4</sup>: 1,700,000

% Population Estimate USA & Canada<sup>4</sup>: 76.47%

Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available

Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

https://data.pointblue.org/apps/rail/

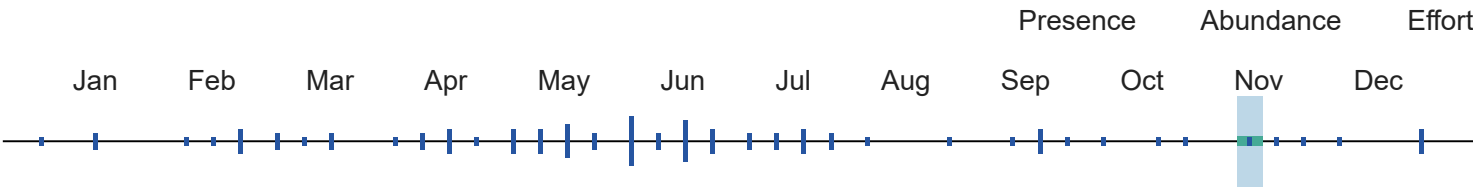
151/191

Biology

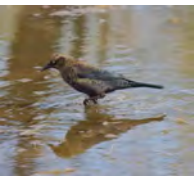
Conservation Status

<i>Food Category</i> <sup>2</sup> : Aquatic invertebrates	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Surface Dive	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Ground	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 20 - 26 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 3 - 13 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : White to yellowish white, with a pebbly texture.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 5.9 - 6.8 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : Yes
<i>Egg width</i> <sup>2</sup> : 4.3 - 4.8 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Yes
<i>Breeding time-frame - Start</i> <sup>5</sup> : 10-May	<i>BCRs where BCC Breeding</i> <sup>9</sup> : 101
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 5-Sep	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Rusty Blackbird**  
*Euphagus carolinus*

Global: 6,800,000  
Continental U.S. & Canada:  
6,800,000

**State Endangered: VT**

**BCRBCC Non Breeding:**  
22,23,24,26,27,28,29,30

Alpha Code

Physical Details

<i>Alpha Code</i> <sup>1</sup> : RUBL	<i>Weight</i> <sup>2</sup> : 47 - 80 g
	<i>Length</i> <sup>2</sup> : 21 - 25 cm

Habitat

Population Information

<i>Habitat Category</i> <sup>2</sup> : Forests	<i>Global Population</i> <sup>4</sup> : 6,800,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Wetlands, Boreal	

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 4,900,000

Upper 95% Bound USA & Canada<sup>3</sup>: 9,400,000

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: Not yet available

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: Not yet available

Egg description<sup>2</sup>: Blue-green to pale gray, with variable amount of brown markings.

Egg length<sup>2</sup>: Not yet available

Egg width<sup>2</sup>: Not yet available

Breeding time-frame - Start<sup>5</sup>: 10-May

Breeding time-frame - Stop<sup>5</sup>: 15-Jul

Conservation Status

Continental Importance<sup>4</sup>: Common Bird in Steep Decline

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: VT

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: Yes

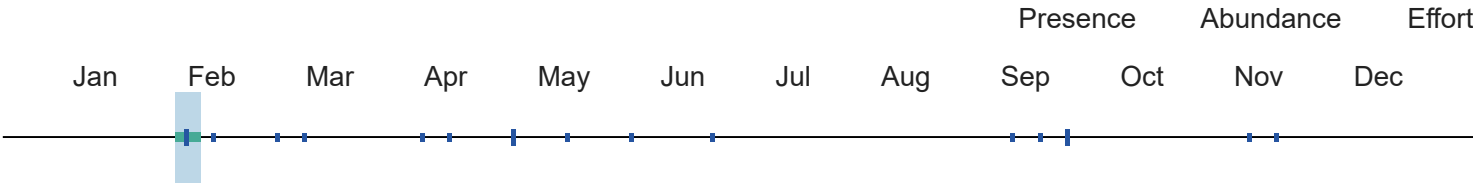
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: No

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: 22,23,24,26,27,28,29,30

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Savannah Sparrow  
*Passerculus sandwichensis*

Global: 170,000,000  
Continental U.S. & Canada:  
170,000,000

State Threatened: NJ

State Endangered: CA (ssp. beldingi only)

BCRBCC Breeding: 32

Alpha Code

Alpha Code<sup>1</sup>: SAVS

Physical Details

Weight<sup>2</sup>: 15 - 28 g

Length<sup>2</sup>: 11 - 15 cm

Habitat

Habitat Category<sup>2</sup>: Grasslands

Primary Breeding Habitat<sup>4</sup>: Grasslands, Temperate

Population Information

Global Population<sup>4</sup>: 170,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 140,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 200,000,000

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.00%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 2,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 14,000

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 12 - 13 days

Clutch Size<sup>2</sup>: 2 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 4

Egg description<sup>2</sup>: Pale greenish, bluish, tan, or white, with speckles and streaks. Colors vary greatly, sometimes even within clutches.

Egg length<sup>2</sup>: 1.5 - 2.2 cm

Egg width<sup>2</sup>: 1.4 - 1.6 cm

Conservation Status

Continental Importance<sup>4</sup>: Common Bird in Steep Decline

Half Life<sup>4</sup>: 19 years

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: NJ

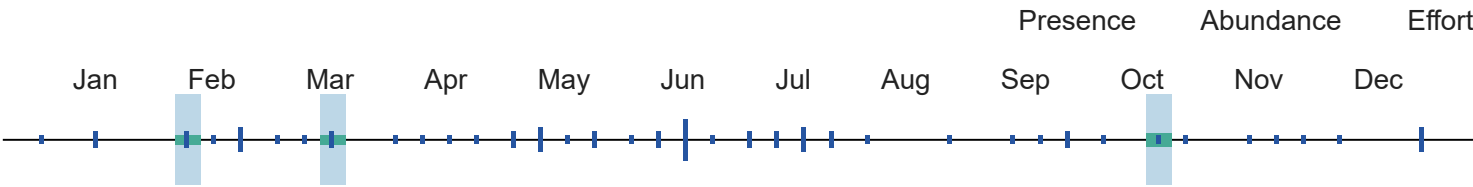
State Endangered<sup>7</sup>: CA (ssp. beldingi only)

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: Yes

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: No - ssp. beldingi only

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Scarlet  
Tanager  
*Piranga  
olivacea*

Global: 2,600,000  
Continental U.S. & Canada:  
2,600,000

BCRBCC Breeding: 30



Alpha Code

Alpha Code<sup>1</sup>: SCTA

Physical Details

Weight<sup>2</sup>: 23 - 38 g

Length<sup>2</sup>: 16 - 17 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

Population Information

Global Population<sup>4</sup>: 2,600,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 2,300,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 3,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 10.38%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 190,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 370,000

% State Population (USA only)<sup>3</sup>: AR - 2.77%  
Lower 95% Bound State<sup>3</sup>: AR - 22,000  
Upper 95% Bound State<sup>3</sup>: AR - 150,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

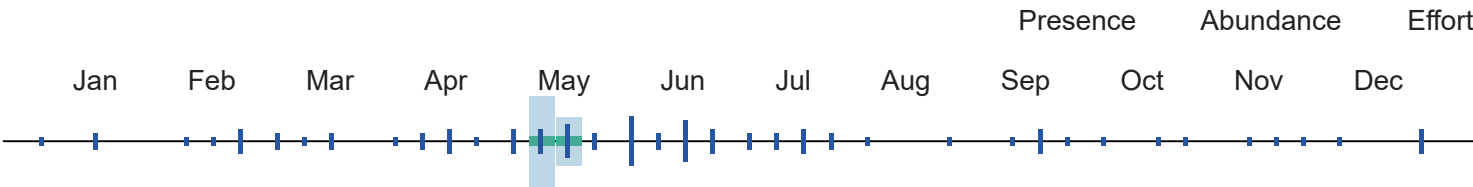
Conservation Status

Continental Importance<sup>4</sup>: Not yet available


Half Life<sup>4</sup>: Not yet available

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Nesting Category</i> <sup>2</sup> : Tree	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 12 - 14 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 3 - 5 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Greenish blue to light blue speckled with chestnut, purplish red, and lilac.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 2 - 2.7 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : Yes
<i>Egg width</i> <sup>2</sup> : 1.5 - 1.8 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : No
<i>Breeding time-frame - Start</i> <sup>5</sup> : 10-May	<i>BCRs where BCC Breeding</i> <sup>9</sup> : 30
<i>Breeding time-frame - Stop</i> <sup>5</sup> : 10-Aug	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Scissor-tailed Flycatcher

*Tyrannus forficatus*

Global: 9,100,000

Continental U.S. & Canada: 7,900,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : STFL	<i>Weight</i> <sup>2</sup> : 36 - 56 g
	<i>Length</i> <sup>2</sup> : 22 - 37 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Grasslands	<i>Global Population</i> <sup>4</sup> : 9,100,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Grasslands, Temperate	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 86.81%
	Lower 95% Bound USA & Canada <sup>3</sup> : 6,500,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 9,600,000
	<i>Continental Population Trend</i> <sup>4</sup> : Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 2.64%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 140,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 400,000

% State Population (USA only)<sup>3</sup>: AR - 3.08%  
Lower 95% Bound State<sup>3</sup>: AR - 160,000  
Upper 95% Bound State<sup>3</sup>: AR - 470,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Flycatching

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 13 - 23 days

Clutch Size<sup>2</sup>: 3 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: White or creamy with dark red, reddish brown, or purple blotches.

Egg length<sup>2</sup>: 2 - 2.4 cm

Egg width<sup>2</sup>: 1.5 - 2 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

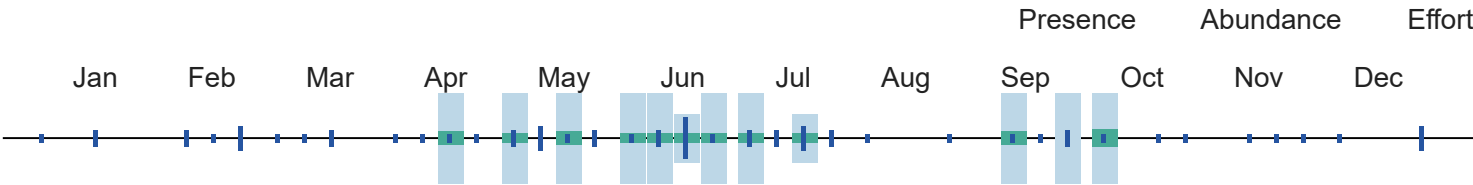
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Snowy Egret  
*Egretta thula*

Global: 2,100,000  
Continental U.S. & Canada:  
220,000

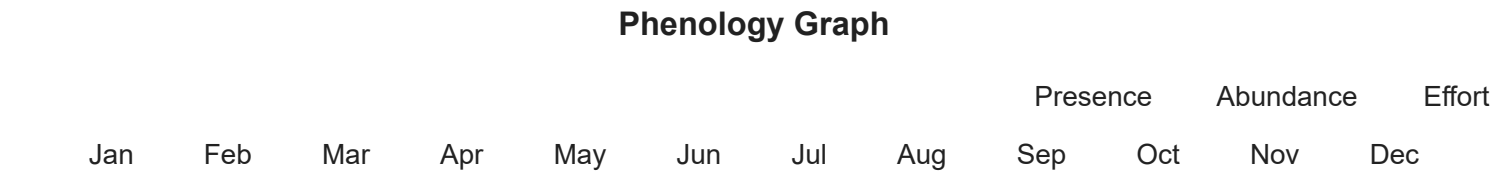
State Threatened: CT  
State Endangered: OH, MO

Alpha Code


Physical Details



7/24/24, 4:13 PM			RAIL - Rapid Avian Information Locator		
Alpha Code <sup>1</sup> : SNEG			Weight <sup>2</sup> : 370 g		
			Length <sup>2</sup> : 56 - 66 cm		
Habitat			Population Information		
Habitat Category <sup>2</sup> : Marshes			Global Population <sup>4</sup> : 2,100,000		
Primary Breeding Habitat <sup>4</sup> : Wetlands, Generalist			% Population Estimate USA & Canada <sup>4</sup> : 10.48%		
			Lower 95% Bound USA & Canada <sup>3</sup> : Not yet available		
			Upper 95% Bound USA & Canada <sup>3</sup> : Not yet available		
			Continental Population Trend <sup>4</sup> : Significant large increase		
			Regional Population Trend <sup>4</sup> : Not yet available		
			% BCR Population <sup>3</sup> : Not yet available		
			Lower 95% Bound BCR <sup>3</sup> : Not yet available		
			Upper 95% Bound BCR <sup>3</sup> : Not yet available		
			% State Population (USA only) <sup>3</sup> : Not yet available		
			Lower 95% Bound State <sup>3</sup> : Not yet available		
			Upper 95% Bound State <sup>3</sup> : Not yet available		
Biology			Conservation Status		
Food Category <sup>2</sup> : Fish			Continental Importance <sup>4</sup> : Not yet available		
Behavior Category <sup>2</sup> : Stalking			Half Life <sup>4</sup> : Not yet available		
Nesting Category <sup>2</sup> : Tree			Federally Threatened <sup>6</sup> : No		
Incubation Period <sup>2</sup> : 24 - 25 days			Federally Endangered <sup>6</sup> : No		
Clutch Size <sup>2</sup> : 2 - 6 eggs			State Threatened <sup>7</sup> : CT		
Number of Broods <sup>2</sup> : Not yet available			State Endangered <sup>7</sup> : OH, MO		
Egg description <sup>2</sup> : Pale greenish blue.			Migratory Bird Treaty Act <sup>8</sup> : Listed		
Egg length <sup>2</sup> : 4.1 - 4.4 cm			Bird of Conservation Concern (BCC) <sup>9</sup> : No		
Egg width <sup>2</sup> : 2.3 - 3.3 cm			BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands <sup>9,10</sup> : Not applicable		
Breeding time-frame - Start <sup>5</sup> : 20-Mar			BCRs where BCC Breeding <sup>9</sup> : Not applicable		
Breeding time-frame - Stop <sup>5</sup> : 1-Aug			BCRs where BCC Non-breeding <sup>9</sup> : Not applicable		
			<a href="#">More information on BCR's</a>		



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Song Sparrow

Melospiza melodia

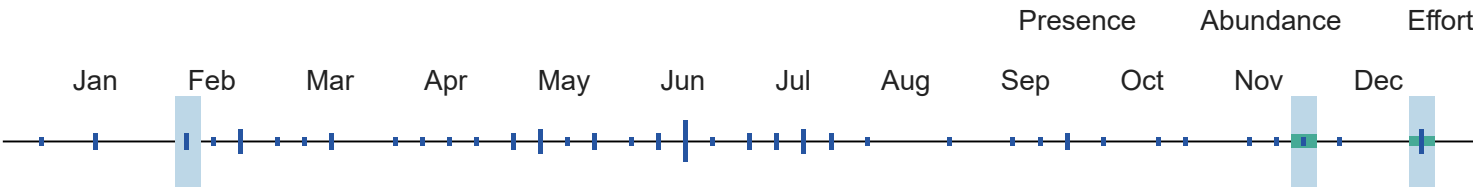
Global: 130,000,000

Continental U.S. & Canada: 130,000,000

BCRBCC Breeding: 32

Alpha Code	Physical Details
Alpha Code <sup>1</sup> : SOSP	Weight <sup>2</sup> : 12 - 53 g
	Length <sup>2</sup> : 12 - 17 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Open Woodlands	Global Population <sup>4</sup> : 130,000,000
Primary Breeding Habitat <sup>4</sup> : Open Country, Habitat Mosaic	% Population Estimate USA & Canada <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 120,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 130,000,000
	Continental Population Trend <sup>4</sup> : Moderate to large decrease
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : BCR 24 - 2.62%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 2,600,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 4,300,000
	% State Population (USA only) <sup>3</sup> : AR - 0.00%
	Lower 95% Bound State <sup>3</sup> : AR - 0
	Upper 95% Bound State <sup>3</sup> : AR - 4,200
Biology	Conservation Status
Food Category <sup>2</sup> : Insects	Continental Importance <sup>4</sup> : Not yet available
Behavior Category <sup>2</sup> : Ground Forager	Half Life <sup>4</sup> : Not yet available
Nesting Category <sup>2</sup> : Shrub	Federally Threatened <sup>6</sup> : No
Incubation Period <sup>2</sup> : 12 - 15 days	Federally Endangered <sup>6</sup> : No
Clutch Size <sup>2</sup> : 1 - 6 eggs	State Threatened <sup>7</sup> : Not applicable
Number of Broods <sup>2</sup> : 1 - 7	State Endangered <sup>7</sup> : Not applicable
Egg description <sup>2</sup> : Blue, blue-green, or gray-green spotted with brown, red-brown, or lilac.	Migratory Bird Treaty Act <sup>8</sup> : Listed
Egg length <sup>2</sup> : 1.7 - 2.3 cm	Bird of Conservation Concern (BCC) <sup>9</sup> : Yes

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Spotted Sandpiper  
*Actitis macularius*

Global: 660,000  
Continental U.S. & Canada: 660,000

Common



Alpha Code

Alpha Code<sup>1</sup>: SPSA

Habitat

Habitat Category<sup>2</sup>: Shorelines

Primary Breeding Habitat<sup>4</sup>: Wetlands, Generalist

Biology

Physical Details

Weight<sup>2</sup>: 34 - 50 g

Length<sup>2</sup>: 18 - 20 cm

Population Information

Global Population<sup>4</sup>: 660,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large decrease

Regional Population Trend<sup>4</sup>: Not yet available

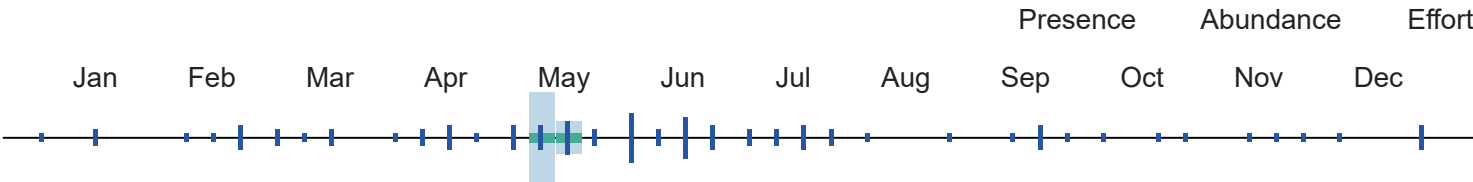
% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available


Conservation Status

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Food Category</i> <sup>2</sup> : Small Animals	<i>Continental Importance</i> <sup>4</sup> : Common Bird in Steep Decline
<i>Behavior Category</i> <sup>2</sup> : Probing	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Ground	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 19 - 22 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 3 - 5 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 5	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Off-white, pinkish, or pale green speckled with brown.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 2.9 - 3.5 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 2.2 - 2.6 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Summer Tanager

Piranga rubra

Global: 12,000,000

Continental U.S. & Canada: 11,000,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : SUTA	<i>Weight</i> <sup>2</sup> : 30 g
	<i>Length</i> <sup>2</sup> : 17 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Open Woodlands	<i>Global Population</i> <sup>4</sup> : 12,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Eastern	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 91.67%
	Lower 95% Bound USA & Canada <sup>3</sup> : 10,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 12,000,000

*Continental Population Trend*<sup>4</sup>: Significant large increase

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 16.67%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 1,600,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,400,000

*% State Population (USA only)*<sup>3</sup>: AR - 9.17%

Lower 95% Bound State<sup>3</sup>: AR - 800,000

Upper 95% Bound State<sup>3</sup>: AR - 1,400,000

Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Tree

*Incubation Period*<sup>2</sup>: 11 - 12 days

*Clutch Size*<sup>2</sup>: 3 - 4 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: Pale blue to pale green, with brown markings.

*Egg length*<sup>2</sup>: 2.2 - 2.5 cm

*Egg width*<sup>2</sup>: 1.6 - 1.8 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

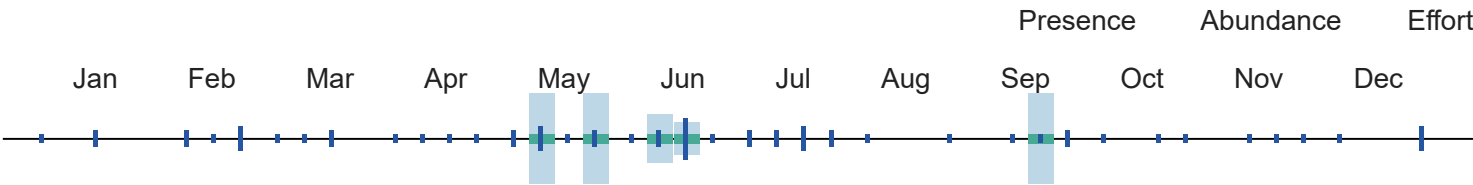
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Swainson's  
Hawk  
*Buteo*  
*swainsoni*

Global: 900,000  
Continental U.S. & Canada:  
820,000

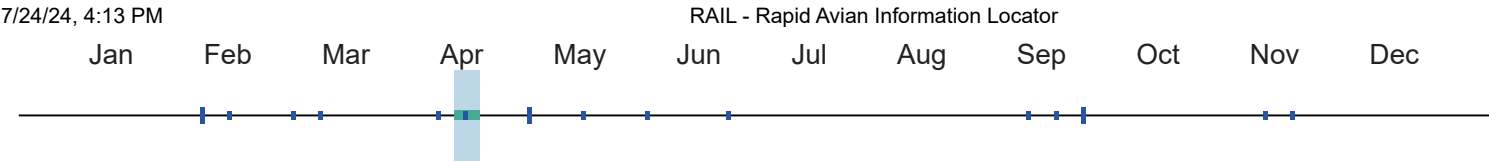
State Threatened: CA

**Alpha Code***Alpha Code*<sup>1</sup>: SWHA**Habitat***Habitat Category*<sup>2</sup>: Grasslands*Primary Breeding Habitat*<sup>4</sup>: Grasslands, Temperate**Biology***Food Category*<sup>2</sup>: Mammals*Behavior Category*<sup>2</sup>: Soaring (raptor)*Nesting Category*<sup>2</sup>: Tree*Incubation Period*<sup>2</sup>: 34 - 35 days*Clutch Size*<sup>2</sup>: 1 - 5 eggs*Number of Broods*<sup>2</sup>: Not yet available*Egg description*<sup>2</sup>: Off-white, often blotched with dark reddish brown or pale purple.*Egg length*<sup>2</sup>: 5.1 - 6 cm*Egg width*<sup>2</sup>: 4.2 - 4.7 cm*Breeding time-frame - Start*<sup>5</sup>: 5-Apr*Breeding time-frame - Stop*<sup>5</sup>: 25-Jul**Physical Details***Weight*<sup>2</sup>: 693 - 1367 g*Length*<sup>2</sup>: 48 - 56 cm**Population Information***Global Population*<sup>4</sup>: 900,000*% Population Estimate USA & Canada*<sup>4</sup>: 91.11%Lower 95% Bound USA & Canada<sup>3</sup>: 720,000Upper 95% Bound USA & Canada<sup>3</sup>: 960,000*Continental Population Trend*<sup>4</sup>: Significant large increase*Regional Population Trend*<sup>4</sup>: Not yet available*% BCR Population*<sup>3</sup>: BCR 24 - 0.02%Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 0Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 550*% State Population (USA only)*<sup>3</sup>: AR - 0.02%Lower 95% Bound State<sup>3</sup>: AR - 0Upper 95% Bound State<sup>3</sup>: AR - 610**Conservation Status***Continental Importance*<sup>4</sup>: Not yet available*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: CA*State Endangered*<sup>7</sup>: Not applicable*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)**Phenology Graph**

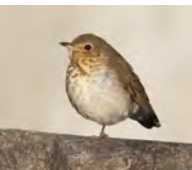
Presence

Abundance

Effort



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Swainson's  
Thrush  
*Catharus  
ustulatus*

Global: 120,000,000  
Continental U.S. & Canada:  
120,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: SWTH

Physical Details

Weight<sup>2</sup>: 23 - 45 g

Length<sup>2</sup>: 16 - 19 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 120,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 100,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 140,000,000

Continental Population Trend<sup>4</sup>: Small increase or stable

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Shrub

Incubation Period<sup>2</sup>: 10 - 14 days

Clutch Size<sup>2</sup>: 1 - 5 eggs

Number of Broods<sup>2</sup>: Not yet available

Egg description<sup>2</sup>: Blue to greenish blue speckled with reddish or brown.

Egg length<sup>2</sup>: 2 - 2.6 cm

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

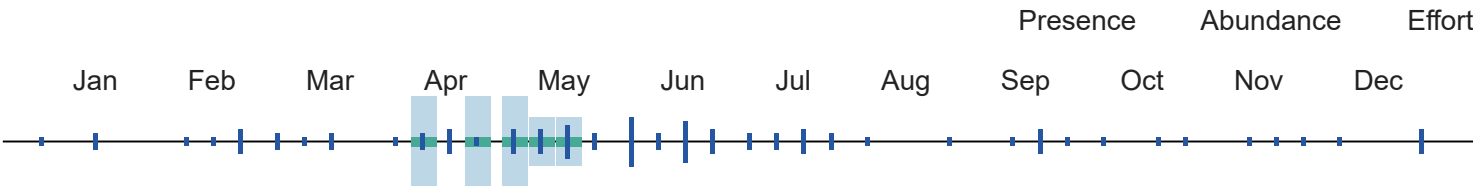
State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

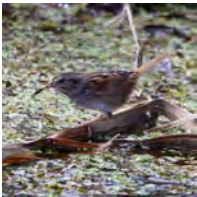
Bird of Conservation Concern (BCC)<sup>9</sup>: No



Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Swamp Sparrow  
*Melospiza georgiana*

Global: 23,000,000  
Continental U.S. & Canada:  
23,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: SWSP

Physical Details

Weight<sup>2</sup>: 15 - 23 g

Length<sup>2</sup>: 12 - 15 cm

Habitat

Habitat Category<sup>2</sup>: Marshes

Primary Breeding Habitat<sup>4</sup>: Wetlands, Boreal

Population Information

Global Population<sup>4</sup>: 23,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 20,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 26,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

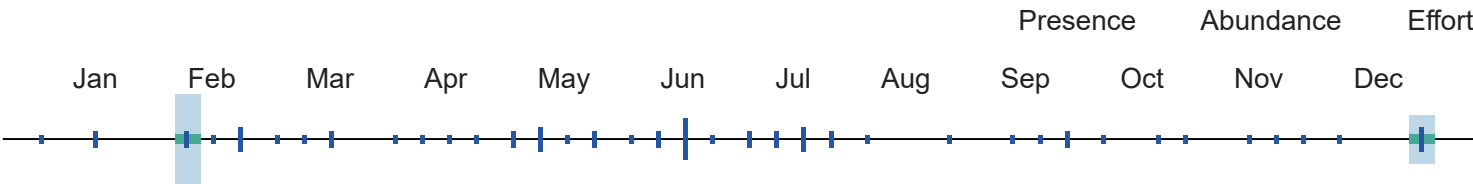
Conservation Status

Continental Importance<sup>4</sup>: Not yet available



7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Behavior Category</i> <sup>2</sup> : Ground Forager	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Shrub	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 12 - 14 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 1 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Bluish green with spots and blotches.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.4 - 2.1 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.4 - 1.5 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Tennessee Warbler  
*Leiothlypis peregrina*

Global: 110,000,000  
Continental U.S. & Canada: 110,000,000  
**Common**



Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : TEWA	<i>Weight</i> <sup>2</sup> : 8 - 10 g
	<i>Length</i> <sup>2</sup> : 10 - 13 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Forests	<i>Global Population</i> <sup>4</sup> : 110,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Boreal	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 81,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 150,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Small or uncertain decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

*% State Population (USA only)*<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Foliage Gleaner

*Nesting Category*<sup>2</sup>: Ground

*Incubation Period*<sup>2</sup>: 11 - 12 days

*Clutch Size*<sup>2</sup>: 5 - 6 eggs

*Number of Broods*<sup>2</sup>: 1

*Egg description*<sup>2</sup>: White, speckled with reddish brown.

*Egg length*<sup>2</sup>: 1.4 - 1.7 cm

*Egg width*<sup>2</sup>: 1.1 - 1.3 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

Conservation Status

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

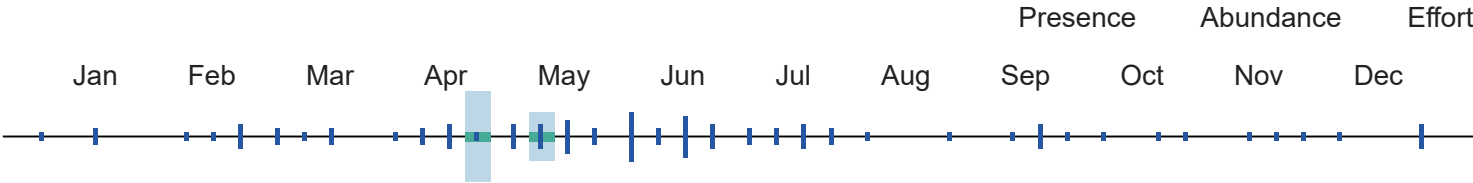
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Tree Swallow  
*Tachycineta bicolor*

Global: 19,000,000  
Continental U.S. & Canada:  
19,000,000

Common



Alpha Code

Physical Details

*Alpha Code*<sup>1</sup>: TRES

*Weight*<sup>2</sup>: 16 - 25 g

*Length*<sup>2</sup>: 12 - 15 cm

**Habitat**

**Population Information**

*Habitat Category*<sup>2</sup>: Lakes and Ponds

*Global Population*<sup>4</sup>: 19,000,000

*Primary Breeding Habitat*<sup>4</sup>: Wetlands Aerial, Generalist

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 17,000,000  
*Upper 95% Bound USA & Canada*<sup>3</sup>: 21,000,000

*Continental Population Trend*<sup>4</sup>: Moderate to large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: BCR 24 - 1.00%  
*Lower 95% Bound BCR*<sup>3</sup>: BCR 24 - 110,000  
*Upper 95% Bound BCR*<sup>3</sup>: BCR 24 - 340,000

*% State Population (USA only)*<sup>3</sup>: AR - 0.04%  
*Lower 95% Bound State*<sup>3</sup>: AR - 1,300  
*Upper 95% Bound State*<sup>3</sup>: AR - 20,000

**Biology**

**Conservation Status**

*Food Category*<sup>2</sup>: Insects

*Continental Importance*<sup>4</sup>: Not yet available

*Behavior Category*<sup>2</sup>: Aerial Forager

*Half Life*<sup>4</sup>: Not yet available

*Nesting Category*<sup>2</sup>: Cavity

*Federally Threatened*<sup>6</sup>: No

*Incubation Period*<sup>2</sup>: 11 - 20 days

*Federally Endangered*<sup>6</sup>: No

*Clutch Size*<sup>2</sup>: 4 - 7 eggs

*State Threatened*<sup>7</sup>: Not applicable

*Number of Broods*<sup>2</sup>: 1 - 2

*State Endangered*<sup>7</sup>: Not applicable

*Egg description*<sup>2</sup>: Pale pink, turning to pure white within 4 days.

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Egg length*<sup>2</sup>: 1.7 - 2 cm

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

*Egg width*<sup>2</sup>: 1.3 - 1.4 cm

*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available


*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

**Phenology Graph**

												Presence	Abundance	Effort
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Tufted Titmouse

Baeolophus bicolor

Global: 12,000,000

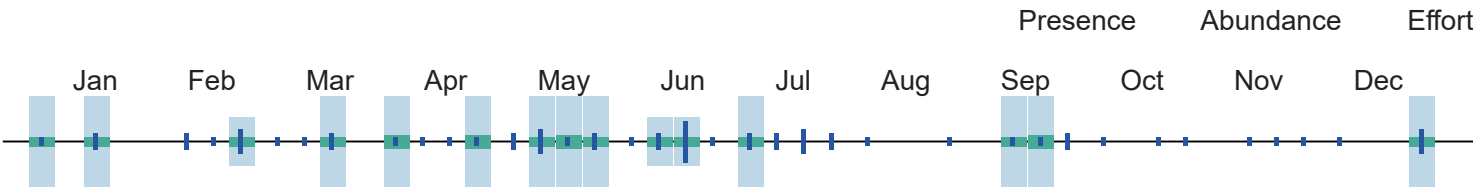
Continental U.S. & Canada: 12,000,000

Common

^

Alpha Code	Physical Details
Alpha Code <sup>1</sup> : TUTI	Weight <sup>2</sup> : 18 - 26 g
	Length <sup>2</sup> : 14 - 16 cm
Habitat	Population Information
Habitat Category <sup>2</sup> : Forests	Global Population <sup>4</sup> : 12,000,000
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Eastern	% Population Estimate USA & Canada <sup>4</sup> : 100.00%
	Lower 95% Bound USA & Canada <sup>3</sup> : 11,000,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 13,000,000
	Continental Population Trend <sup>4</sup> : Significant large increase
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : BCR 24 - 15.83%
	Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 1,500,000
	Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 2,400,000
	% State Population (USA only) <sup>3</sup> : AR - 6.25%
	Lower 95% Bound State <sup>3</sup> : AR - 510,000
	Upper 95% Bound State <sup>3</sup> : AR - 1,100,000
Biology	Conservation Status
Food Category <sup>2</sup> : Insects	Continental Importance <sup>4</sup> : Not yet available
Behavior Category <sup>2</sup> : Foliage Gleaner	Half Life <sup>4</sup> : Not yet available
Nesting Category <sup>2</sup> : Cavity	Federally Threatened <sup>6</sup> : No
Incubation Period <sup>2</sup> : 12 - 14 days	Federally Endangered <sup>6</sup> : No
Clutch Size <sup>2</sup> : 3 - 9 eggs	State Threatened <sup>7</sup> : Not applicable
Number of Broods <sup>2</sup> : 1	State Endangered <sup>7</sup> : Not applicable
Egg description <sup>2</sup> : White to creamy white, spotted with chestnut-red, brown, purple, or lilac.	Migratory Bird Treaty Act <sup>8</sup> : Listed
Egg length <sup>2</sup> : 1.7 - 2 cm	Bird of Conservation Concern (BCC) <sup>9</sup> : No

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Turkey Vulture  
*Cathartes aura*

Global: 28,000,000  
Continental U.S. & Canada:  
8,400,000

Common



Alpha Code

Alpha Code<sup>1</sup>: TUVU

Physical Details

Weight<sup>2</sup>: 2000 g

Length<sup>2</sup>: 64 - 81 cm

Habitat

Habitat Category<sup>2</sup>: Open Woodlands

Primary Breeding Habitat<sup>4</sup>: Open Country, Habitat Mosaic

Population Information

Global Population<sup>4</sup>: 28,000,000

% Population Estimate USA & Canada<sup>4</sup>: 30.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 7,700,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 9,200,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 2.00%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 440,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 710,000

% State Population (USA only)<sup>3</sup>: AR - 0.61%  
Lower 95% Bound State<sup>3</sup>: AR - 95,000  
Upper 95% Bound State<sup>3</sup>: AR - 300,000

Biology

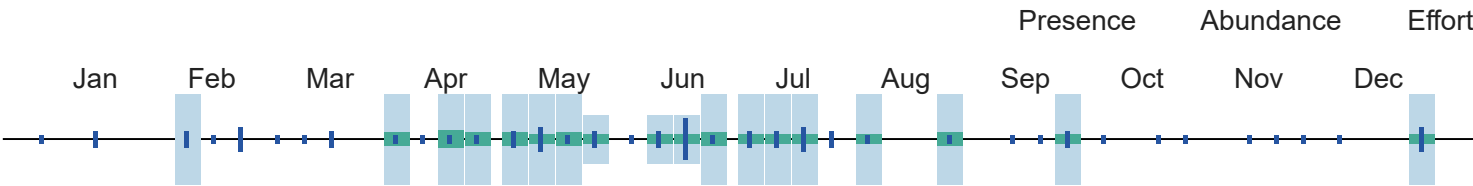
Food Category<sup>2</sup>: Carrion

Conservation Status


Continental Importance<sup>4</sup>: Not yet available

7/24/24, 4:13 PM	RAIL - Rapid Avian Information Locator
<i>Behavior Category</i> <sup>2</sup> : Soaring (raptor)	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Cliff	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 28 - 40 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 1 - 3 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : Creamy white tinged with gray, blue, or green, and spotted with purple to brown.	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg length</i> <sup>2</sup> : 6.5 - 7.5 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Egg width</i> <sup>2</sup> : 4.4 - 5.3 cm	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Warbling Vireo

Vireo gilvus

Global: 53,000,000

Continental U.S. & Canada: 52,000,000

Common

^

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : WAVI	<i>Weight</i> <sup>2</sup> : 10 - 16 g
	<i>Length</i> <sup>2</sup> : 12 - 13 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Open Woodlands	<i>Global Population</i> <sup>4</sup> : 53,000,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Eastern	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 98.11%
	<i>Lower 95% Bound USA &amp; Canada</i> <sup>3</sup> : 46,000,000
	<i>Upper 95% Bound USA &amp; Canada</i> <sup>3</sup> : 59,000,000
	<i>Continental Population Trend</i> <sup>4</sup> : Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 1.04%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 440,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 690,000

% State Population (USA only)<sup>3</sup>: AR - 0.08%  
Lower 95% Bound State<sup>3</sup>: AR - 18,000  
Upper 95% Bound State<sup>3</sup>: AR - 70,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 12 - 14 days

Clutch Size<sup>2</sup>: Not yet available

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: White with a few scattered dots of reddish or dark brown.

Egg length<sup>2</sup>: 1.8 - 2 cm

Egg width<sup>2</sup>: 1.3 - 1.5 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

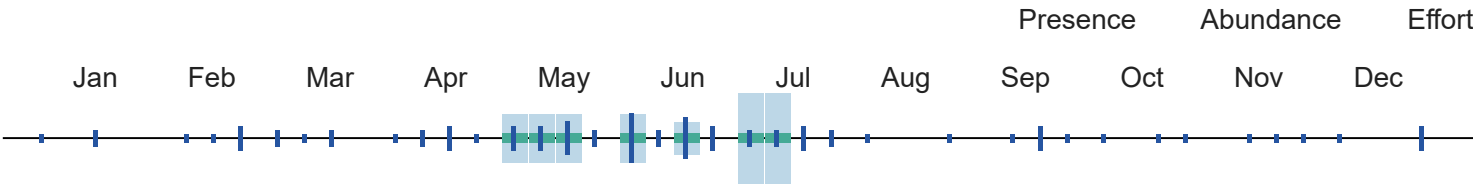
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



White-breasted  
Nuthatch  
*Sitta  
carolinensis*

Global: 10,000,000  
Continental U.S. & Canada:  
10,000,000

BCRBCC Breeding: 10

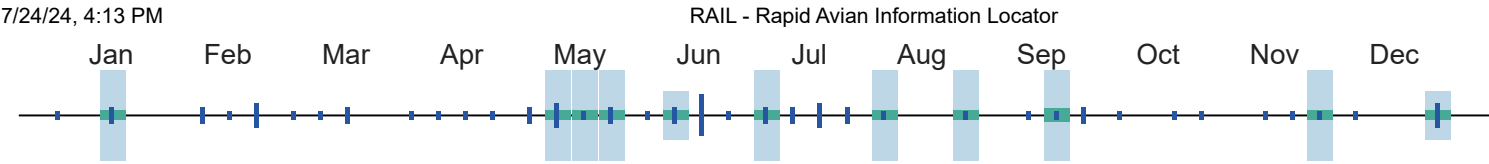
**Alpha Code****Physical Details***Alpha Code*<sup>1</sup>: WBNU*Weight*<sup>2</sup>: 18 - 30 g*Length*<sup>2</sup>: 13 - 14 cm**Habitat****Population Information***Habitat Category*<sup>2</sup>: Forests*Global Population*<sup>4</sup>: 10,000,000*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Eastern% *Population Estimate USA & Canada*<sup>4</sup>: 100.00%Lower 95% Bound USA & Canada<sup>3</sup>: 9,200,000Upper 95% Bound USA & Canada<sup>3</sup>: 11,000,000*Continental Population Trend*<sup>4</sup>: Significant large increase*Regional Population Trend*<sup>4</sup>: Not yet available% *BCR Population*<sup>3</sup>: BCR 24 - 12.00%Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 960,000Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,500,000% *State Population (USA only)*<sup>3</sup>: AR - 2.30%Lower 95% Bound State<sup>3</sup>: AR - 150,000Upper 95% Bound State<sup>3</sup>: AR - 330,000**Biology****Conservation Status***Food Category*<sup>2</sup>: Insects*Continental Importance*<sup>4</sup>: Not yet available*Behavior Category*<sup>2</sup>: Bark Forager*Half Life*<sup>4</sup>: Not yet available*Nesting Category*<sup>2</sup>: Cavity*Federally Threatened*<sup>6</sup>: No*Incubation Period*<sup>2</sup>: 13 - 14 days*Federally Endangered*<sup>6</sup>: No*Clutch Size*<sup>2</sup>: 5 - 9 eggs*State Threatened*<sup>7</sup>: Not applicable*Number of Broods*<sup>2</sup>: 1*State Endangered*<sup>7</sup>: Not applicable*Egg description*<sup>2</sup>: Creamy white to pinkish-white, speckled with reddish brown, gray, or purple.*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: Yes*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: No - ssp. aculeata only*Egg length*<sup>2</sup>: 1.8 - 2 cm*BCRs where BCC Breeding*<sup>9</sup>: 10*Egg width*<sup>2</sup>: 1.5 cm*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable*Breeding time-frame - Start*<sup>5</sup>: 1-May*Breeding time-frame - Stop*<sup>5</sup>: 31-Jul[More information on BCR's](#)**Phenology Graph**

Presence

Abundance

Effort





<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



White-crowned Sparrow  
*Zonotrichia leucophrys*

Global: 79,000,000  
Continental U.S. & Canada:  
79,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: WCSP

Physical Details

Weight<sup>2</sup>: 25 - 28 g

Length<sup>2</sup>: 15 - 16 cm

Habitat

Habitat Category<sup>2</sup>: Scrub

Primary Breeding Habitat<sup>4</sup>: Tundra, Arctic

Population Information

Global Population<sup>4</sup>: 79,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 64,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 97,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 10 - 14 days

Clutch Size<sup>2</sup>: 3 - 7 eggs

Number of Broods<sup>2</sup>: 1 - 3

Egg description<sup>2</sup>: Greenish, greenish-blue, or bluish spotted with reddish brown.

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

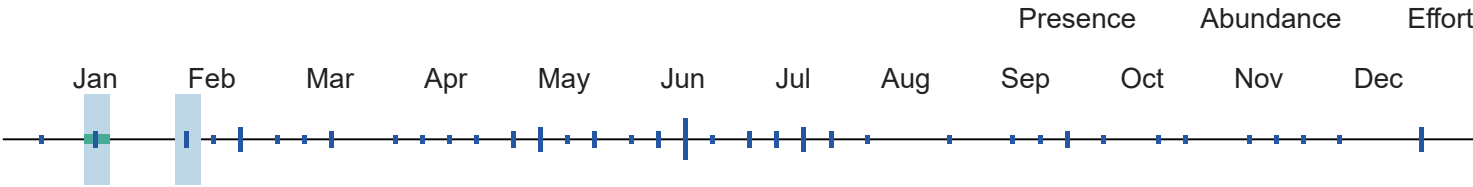
Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



White-eyed  
Vireo  
*Vireo griseus*

Global: 24,000,000  
Continental U.S. & Canada:  
22,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: WEVI

Physical Details

Weight<sup>2</sup>: 10 - 14 g

Length<sup>2</sup>: 11 - 13 cm

Habitat

Habitat Category<sup>2</sup>: Scrub

Population Information

Global Population<sup>4</sup>: 24,000,000

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate Eastern

% Population Estimate USA & Canada<sup>4</sup>: 91.67%  
Lower 95% Bound USA & Canada<sup>3</sup>: 20,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 24,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 10.00%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 1,900,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 2,900,000

% State Population (USA only)<sup>3</sup>: AR - 7.50%  
Lower 95% Bound State<sup>3</sup>: AR - 1,300,000  
Upper 95% Bound State<sup>3</sup>: AR - 2,300,000

Biology

Conservation Status

7/24/24, 4:13 PMRAIL - Rapid Avian Information Locator

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Shrub

Incubation Period<sup>2</sup>: 13 - 15 days

Clutch Size<sup>2</sup>: 3 - 5 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: White with sparse spotting.

Egg length<sup>2</sup>: 1.7 - 2.1 cm

Egg width<sup>2</sup>: 1.2 - 1.5 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable


BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



White-throated Sparrow

Zonotrichia albicollis

Global: 160,000,000

Continental U.S. & Canada: 160,000,000

Common

^

Alpha Code

Physical Details

Alpha Code<sup>1</sup>: WTSP

Weight<sup>2</sup>: 22 - 32 g

Length<sup>2</sup>: 16 - 18 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Forests

Global Population<sup>4</sup>: 160,000,000

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 140,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 190,000,000

https://data.pointblue.org/apps/rail/

176/191

Continental Population Trend<sup>4</sup>: Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Seeds

Behavior Category<sup>2</sup>: Ground Forager

Nesting Category<sup>2</sup>: Ground

Incubation Period<sup>2</sup>: 11 - 14 days

Clutch Size<sup>2</sup>: 1 - 6 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Very pale blue or greenish blue speckled with purplish, chestnut, and lilac.

Egg length<sup>2</sup>: 1.9 - 2.3 cm

Egg width<sup>2</sup>: 1.4 - 1.7 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

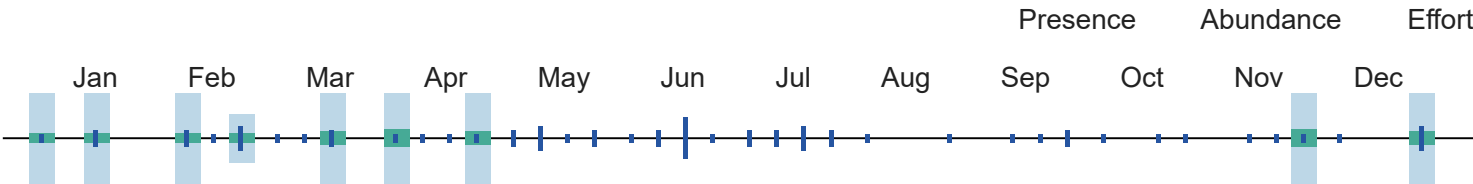
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Wilson's Snipe

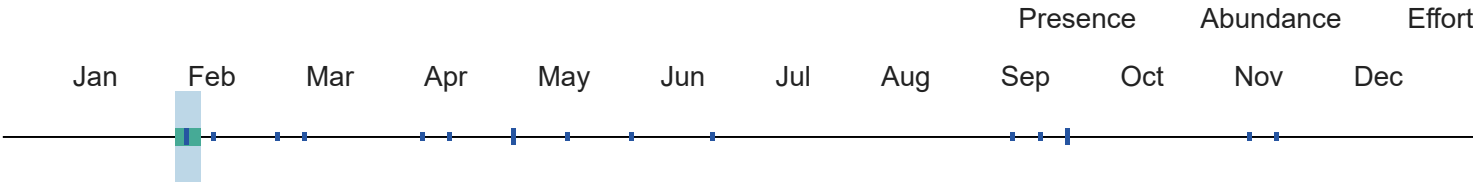
Global: 2,000,000  
Continental U.S. & Canada:  
2,000,000

Common



*Gallinago**delicata***Alpha Code***Alpha Code*<sup>1</sup>: WISN**Physical Details***Weight*<sup>2</sup>: 79 - 146 g*Length*<sup>2</sup>: 27 - 32 cm**Habitat***Habitat Category*<sup>2</sup>: Marshes*Primary Breeding Habitat*<sup>4</sup>: Wetlands, Generalist**Population Information***Global Population*<sup>4</sup>: 2,000,000*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%Lower 95% Bound USA & Canada<sup>3</sup>: Not yet availableUpper 95% Bound USA & Canada<sup>3</sup>: Not yet available*Continental Population Trend*<sup>4</sup>: Small increase or stable*Regional Population Trend*<sup>4</sup>: Not yet available*% BCR Population*<sup>3</sup>: Not yet availableLower 95% Bound BCR<sup>3</sup>: Not yet availableUpper 95% Bound BCR<sup>3</sup>: Not yet available*% State Population (USA only)*<sup>3</sup>: Not yet availableLower 95% Bound State<sup>3</sup>: Not yet availableUpper 95% Bound State<sup>3</sup>: Not yet available**Biology***Food Category*<sup>2</sup>: Aquatic invertebrates*Behavior Category*<sup>2</sup>: Probing*Nesting Category*<sup>2</sup>: Ground*Incubation Period*<sup>2</sup>: 18 - 20 days*Clutch Size*<sup>2</sup>: 2 - 4 eggs*Number of Broods*<sup>2</sup>: Not yet available*Egg description*<sup>2</sup>: Olive brown splotched with dark brown, black or purple.*Egg length*<sup>2</sup>: 3.5 - 4.3 cm*Egg width*<sup>2</sup>: 2.6 - 3 cm*Breeding time-frame - Start*<sup>5</sup>: Not yet available*Breeding time-frame - Stop*<sup>5</sup>: Not yet available**Conservation Status***Continental Importance*<sup>4</sup>: Not yet available*Half Life*<sup>4</sup>: Not yet available*Federally Threatened*<sup>6</sup>: No*Federally Endangered*<sup>6</sup>: No*State Threatened*<sup>7</sup>: Not applicable*State Endangered*<sup>7</sup>: Not applicable*Migratory Bird Treaty Act*<sup>8</sup>: Listed*Bird of Conservation Concern (BCC)*<sup>9</sup>: No*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable*BCRs where BCC Breeding*<sup>9</sup>: Not applicable*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Wilson's Warbler  
*Cardellina pusilla*

Global: 81,000,000  
Continental U.S. & Canada:  
81,000,000

Common



Alpha Code

Physical Details

Alpha Code<sup>1</sup>: WIWA

Weight<sup>2</sup>: 5 - 10 g

Length<sup>2</sup>: 10 - 12 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Scrub

Global Population<sup>4</sup>: 81,000,000

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 66,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 98,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Conservation Status

Food Category<sup>2</sup>: Insects

Continental Importance<sup>4</sup>: Not yet available

Behavior Category<sup>2</sup>: Foliage Gleaner

Half Life<sup>4</sup>: Not yet available

Nesting Category<sup>2</sup>: Ground

Federally Threatened<sup>6</sup>: No

Incubation Period<sup>2</sup>: 10 - 13 days

Federally Endangered<sup>6</sup>: No

Clutch Size<sup>2</sup>: 2 - 7 eggs

State Threatened<sup>7</sup>: Not applicable

Number of Broods<sup>2</sup>: 1 - 2

State Endangered<sup>7</sup>: Not applicable

*Egg description*<sup>2</sup>: White to creamy white with fine reddish brown speckling or spotting.

*Egg length*<sup>2</sup>: 1.5 - 1.8 cm

*Egg width*<sup>2</sup>: 1.2 - 1.3 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

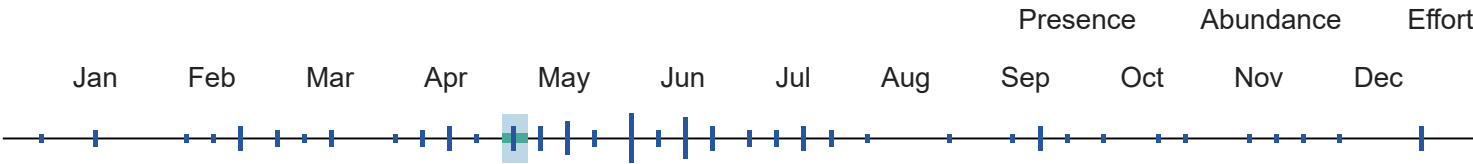
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable


*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Winter Wren

*Troglodytes hiemalis*

Global: 11,000,000

Continental U.S. & Canada: 11,000,000

Common

^

Alpha Code

*Alpha Code*<sup>1</sup>: WIWR

Physical Details

*Weight*<sup>2</sup>: 8 - 12 g

*Length*<sup>2</sup>: 8 - 12 cm

Habitat

*Habitat Category*<sup>2</sup>: Forests

*Primary Breeding Habitat*<sup>4</sup>: Forests, Boreal

Population Information

*Global Population*<sup>4</sup>: 11,000,000

*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 9,100,000

Upper 95% Bound USA & Canada<sup>3</sup>: 14,000,000

*Continental Population Trend*<sup>4</sup>: Moderate to large decrease

*Regional Population Trend*<sup>4</sup>: Not yet available

*% BCR Population*<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

*% State Population (USA only)*<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Conservation Status

*Food Category*<sup>2</sup>: Insects

*Behavior Category*<sup>2</sup>: Ground Forager

*Nesting Category*<sup>2</sup>: Cavity

*Incubation Period*<sup>2</sup>: 14 - 17 days

*Clutch Size*<sup>2</sup>: 1 - 9 eggs

*Number of Broods*<sup>2</sup>: 1 - 2

*Egg description*<sup>2</sup>: White with small pale to reddish brown spots concentrated on the larger end of the egg.

*Egg length*<sup>2</sup>: 1.5 - 1.9 cm

*Egg width*<sup>2</sup>: 1.2 - 1.4 cm

*Breeding time-frame - Start*<sup>5</sup>: Not yet available

*Breeding time-frame - Stop*<sup>5</sup>: Not yet available

*Continental Importance*<sup>4</sup>: Not yet available

*Half Life*<sup>4</sup>: Not yet available

*Federally Threatened*<sup>6</sup>: No

*Federally Endangered*<sup>6</sup>: No

*State Threatened*<sup>7</sup>: Not applicable

*State Endangered*<sup>7</sup>: Not applicable

*Migratory Bird Treaty Act*<sup>8</sup>: Listed

*Bird of Conservation Concern (BCC)*<sup>9</sup>: No

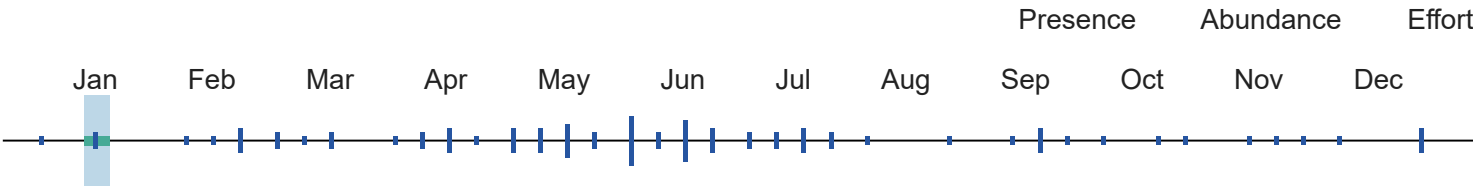
*BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands*<sup>9,10</sup>: Not applicable

*BCRs where BCC Breeding*<sup>9</sup>: Not applicable


*BCRs where BCC Non-breeding*<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Wood Duck

*Aix sponsa*

Global: 4,600,000

Continental U.S. & Canada: 4,600,000

Common

^

Alpha Code

Physical Details

*Alpha Code*<sup>1</sup>: WODU

*Weight*<sup>2</sup>: 454 - 862 g

*Length*<sup>2</sup>: 47 - 54 cm

Habitat

Population Information

*Habitat Category*<sup>2</sup>: Lakes and Ponds

*Global Population*<sup>4</sup>: 4,600,000



Primary Breeding Habitat<sup>4</sup>: Wetlands, Forested

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available

Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Plants

Behavior Category<sup>2</sup>: Dabbler

Nesting Category<sup>2</sup>: Cavity

Incubation Period<sup>2</sup>: 28 - 37 days

Clutch Size<sup>2</sup>: 6 - 16 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Glossy creamy white to tan.

Egg length<sup>2</sup>: 4.6 - 6.1 cm

Egg width<sup>2</sup>: 3.5 - 4.2 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph

The Phenology Graph displays bird activity across the months of the year (Jan to Dec). The graph is divided into three categories: Presence, Abundance, and Effort. Presence is indicated by blue vertical bars, Abundance by green vertical bars, and Effort by red vertical bars. The graph shows activity from Jan to Dec, with a peak in July.

Month	Presence	Abundance	Effort
Jan	Yes	No	No
Feb	Yes	No	No
Mar	Yes	No	No
Apr	Yes	No	No
May	Yes	No	No
Jun	Yes	No	No
Jul	Yes	Yes	No
Aug	Yes	No	No
Sep	Yes	No	No
Oct	Yes	No	No
Nov	Yes	No	No
Dec	Yes	No	No

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.

https://data.pointblue.org/apps/rail/

182/191



Yellow  
Warbler

Setophaga  
petechia

Global: 97,000,000

Continental U.S. & Canada:  
93,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: YEWA

Physical Details

Weight<sup>2</sup>: 9 - 11 g

Length<sup>2</sup>: 12 - 13 cm

Habitat

Habitat Category<sup>2</sup>: Open Woodlands

Primary Breeding Habitat<sup>4</sup>: Forests, Temperate  
Generalist

Population Information

Global Population<sup>4</sup>: 97,000,000

% Population Estimate USA & Canada<sup>4</sup>: 95.88%  
Lower 95% Bound USA & Canada<sup>3</sup>: 83,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 100,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain  
decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 0.08%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 53,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 120,000

% State Population (USA only)<sup>3</sup>: AR - 0.00%  
Lower 95% Bound State<sup>3</sup>: AR - 850  
Upper 95% Bound State<sup>3</sup>: AR - 10,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Foliage Gleaner

Nesting Category<sup>2</sup>: Shrub

Incubation Period<sup>2</sup>: 10 - 13 days

Clutch Size<sup>2</sup>: 1 - 7 eggs

Number of Broods<sup>2</sup>: 1 - 2

Egg description<sup>2</sup>: Grayish or greenish white with dark  
spots.

Egg length<sup>2</sup>: 1.5 - 2.1 cm

Egg width<sup>2</sup>: 1.2 - 1.6 cm

Breeding time-frame - Start<sup>5</sup>: Not yet available

Breeding time-frame - Stop<sup>5</sup>: Not yet available

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: Not applicable

State Endangered<sup>7</sup>: Not applicable

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

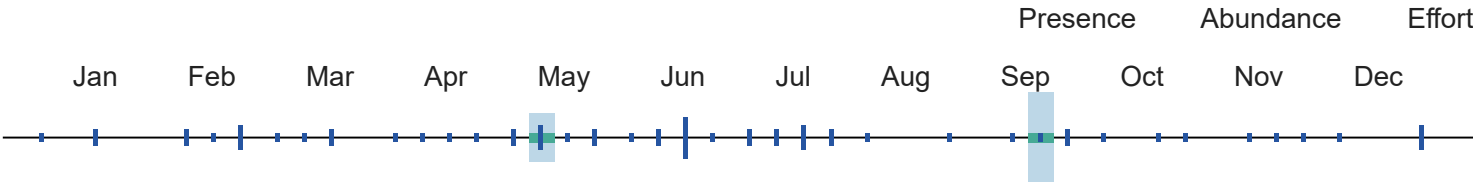
BCC Rangewide in Continental US; and/or PR and VI or  
HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Yellow-  
bellied  
Sapsucker  
*Sphyrapicus  
varius*

Global: 14,000,000  
Continental U.S. & Canada:  
14,000,000

Common



Alpha Code

Alpha Code<sup>1</sup>: YBSA

Physical Details

Weight<sup>2</sup>: 43 - 55 g

Length<sup>2</sup>: 18 - 22 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 14,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%  
Lower 95% Bound USA & Canada<sup>3</sup>: 12,000,000  
Upper 95% Bound USA & Canada<sup>3</sup>: 16,000,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Bark Forager

Nesting Category<sup>2</sup>: Cavity

Incubation Period<sup>2</sup>: 10 - 13 days

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

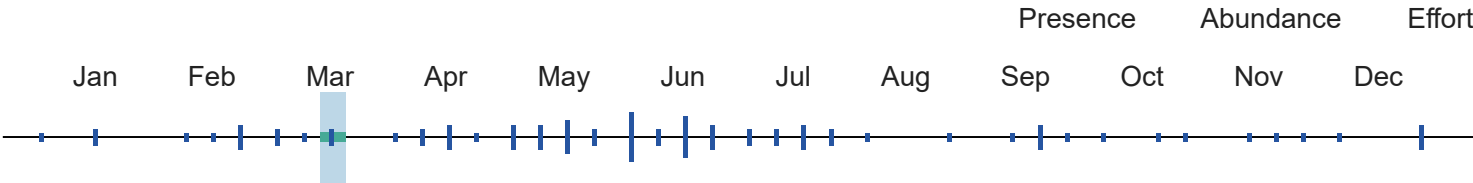
Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

<i>Clutch Size</i> <sup>2</sup> : 4 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : White.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 2 - 2.6 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.6 - 1.8 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



**Yellow-billed Cuckoo**  
*Coccyzus americanus*

Global: 9,600,000  
Continental U.S. & Canada: 8,400,000

**Federally Threatened:** Western DPS only

**State Threatened:** MT

**State Endangered:** CA, ID

**BCRBCC Breeding:** 28

Alpha Code	Physical Details
<i>Alpha Code</i> <sup>1</sup> : YBCU	<i>Weight</i> <sup>2</sup> : 55 - 65 g
	<i>Length</i> <sup>2</sup> : 26 - 30 cm
Habitat	Population Information
<i>Habitat Category</i> <sup>2</sup> : Open Woodlands	<i>Global Population</i> <sup>4</sup> : 9,600,000
<i>Primary Breeding Habitat</i> <sup>4</sup> : Forests, Temperate Eastern	<i>% Population Estimate USA &amp; Canada</i> <sup>4</sup> : 87.50%
	Lower 95% Bound USA & Canada <sup>3</sup> : 7,600,000
	Upper 95% Bound USA & Canada <sup>3</sup> : 9,200,000
	<i>Continental Population Trend</i> <sup>4</sup> : Moderate to large decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 10.42%  
Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 780,000  
Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 1,300,000

% State Population (USA only)<sup>3</sup>: AR - 6.77%  
Lower 95% Bound State<sup>3</sup>: AR - 430,000  
Upper 95% Bound State<sup>3</sup>: AR - 920,000

Biology

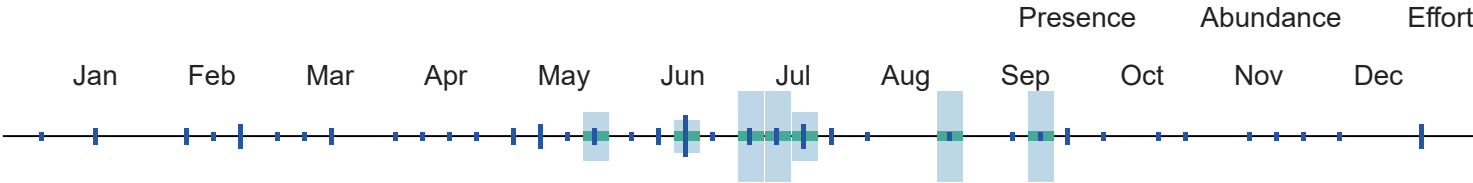
Food Category<sup>2</sup>: Insects  
Behavior Category<sup>2</sup>: Foliage Gleaner  
Nesting Category<sup>2</sup>: Tree  
Incubation Period<sup>2</sup>: 9 - 11 days  
Clutch Size<sup>2</sup>: 1 - 5 eggs  
Number of Broods<sup>2</sup>: 1 - 2  
Egg description<sup>2</sup>: Smooth, unmarked, pale bluish-green fading to light greenish yellow.  
Egg length<sup>2</sup>: 2.7 - 3.6 cm  
Egg width<sup>2</sup>: 2.1 - 2.5 cm  
Breeding time-frame - Start<sup>5</sup>: 1-Mar  
Breeding time-frame - Stop<sup>5</sup>: 1-Oct

Conservation Status

Continental Importance<sup>4</sup>: Common Bird in Steep Decline  
Half Life<sup>4</sup>: Not yet available  
Federally Threatened<sup>6</sup>: Western DPS only  
Federally Endangered<sup>6</sup>: No  
State Threatened<sup>7</sup>: MT  
State Endangered<sup>7</sup>: CA, ID  
Migratory Bird Treaty Act<sup>8</sup>: Listed  
Bird of Conservation Concern (BCC)<sup>9</sup>: Yes  
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: No  
BCRs where BCC Breeding<sup>9</sup>: 28  
BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Yellow-breasted Chat  
*Icteria virens*

Global: 17,000,000  
Continental U.S. & Canada: 15,000,000

State Endangered: CT, RI  
BCRBCC Breeding: 30



Alpha Code

Physical Details

Alpha Code<sup>1</sup>: YBCH

Weight<sup>2</sup>: 23 - 31 g


Length<sup>2</sup>: 18 cm

Habitat	Population Information
Habitat Category <sup>2</sup> : Scrub	Global Population <sup>4</sup> : 17,000,000
Primary Breeding Habitat <sup>4</sup> : Forests, Temperate Eastern	% Population Estimate USA & Canada <sup>4</sup> : 88.24% Lower 95% Bound USA & Canada <sup>3</sup> : 13,000,000 Upper 95% Bound USA & Canada <sup>3</sup> : 17,000,000
	Continental Population Trend <sup>4</sup> : Small or uncertain decrease
	Regional Population Trend <sup>4</sup> : Not yet available
	% BCR Population <sup>3</sup> : BCR 24 - 12.35% Lower 95% Bound BCR <sup>3</sup> : BCR 24 - 1,600,000 Upper 95% Bound BCR <sup>3</sup> : BCR 24 - 2,700,000
	% State Population (USA only) <sup>3</sup> : AR - 8.82% Lower 95% Bound State <sup>3</sup> : AR - 960,000 Upper 95% Bound State <sup>3</sup> : AR - 2,200,000
Biology	Conservation Status
Food Category <sup>2</sup> : Insects	Continental Importance <sup>4</sup> : Not yet available
Behavior Category <sup>2</sup> : Foliage Gleaner	Half Life <sup>4</sup> : Not yet available
Nesting Category <sup>2</sup> : Shrub	Federally Threatened <sup>6</sup> : No
Incubation Period <sup>2</sup> : 10 - 12 days	Federally Endangered <sup>6</sup> : No
Clutch Size <sup>2</sup> : 3 - 6 eggs	State Threatened <sup>7</sup> : Not applicable
Number of Broods <sup>2</sup> : 1 - 2	State Endangered <sup>7</sup> : CT, RI
Egg description <sup>2</sup> : White or off-white with speckles of red, brown, gray, or purple.	Migratory Bird Treaty Act <sup>8</sup> : Listed
Egg length <sup>2</sup> : 1.8 - 2.5 cm	Bird of Conservation Concern (BCC) <sup>9</sup> : Yes
Egg width <sup>2</sup> : 1.5 - 1.9 cm	BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands <sup>9,10</sup> : No - ssp. virens only
Breeding time-frame - Start <sup>5</sup> : 1-May	BCRs where BCC Breeding <sup>9</sup> : 30
Breeding time-frame - Stop <sup>5</sup> : 15-Aug	BCRs where BCC Non-breeding <sup>9</sup> : Not applicable
	<a href="#">More information on BCR's</a>

Phenology Graph

	Presence	Abundance	Effort
Jan			
Feb			
Mar			
Apr			
May			
Jun			
Jul			
Aug			
Sep			
Oct			
Nov			
Dec			

<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Yellow-crowned  
Night-Heron

*Nyctanassa violacea*

Global: 400,000  
Continental U.S. & Canada:  
130,000

State Threatened: NJ, WI  
State Endangered: DE, PA, IN

Alpha Code

Physical Details

Alpha Code<sup>1</sup>: YCNH

Weight<sup>2</sup>: 650 - 800 g  
Length<sup>2</sup>: 55 - 70 cm

Habitat

Population Information

Habitat Category<sup>2</sup>: Marshes  
Primary Breeding Habitat<sup>4</sup>: Wetlands, Generalist

Global Population<sup>4</sup>: 400,000  
% Population Estimate USA & Canada<sup>4</sup>: 32.50%  
Lower 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Upper 95% Bound USA & Canada<sup>3</sup>: Not yet available  
Continental Population Trend<sup>4</sup>: Small or uncertain decrease  
Regional Population Trend<sup>4</sup>: Not yet available  
% BCR Population<sup>3</sup>: Not yet available  
Lower 95% Bound BCR<sup>3</sup>: Not yet available  
Upper 95% Bound BCR<sup>3</sup>: Not yet available  
% State Population (USA only)<sup>3</sup>: Not yet available  
Lower 95% Bound State<sup>3</sup>: Not yet available  
Upper 95% Bound State<sup>3</sup>: Not yet available

Biology

Conservation Status

Food Category<sup>2</sup>: Aquatic invertebrates  
Behavior Category<sup>2</sup>: Stalking  
Nesting Category<sup>2</sup>: Tree  
Incubation Period<sup>2</sup>: 24 - 25 days  
Clutch Size<sup>2</sup>: 2 - 6 eggs  
Number of Broods<sup>2</sup>: Not yet available  
Egg description<sup>2</sup>: Pale bluish green.  
Egg length<sup>2</sup>: 4.6 - 5.7 cm

Continental Importance<sup>4</sup>: Not yet available  
Half Life<sup>4</sup>: Not yet available  
Federally Threatened<sup>6</sup>: No  
Federally Endangered<sup>6</sup>: No  
State Threatened<sup>7</sup>: NJ, WI  
State Endangered<sup>7</sup>: DE, PA, IN  
Migratory Bird Treaty Act<sup>8</sup>: Listed  
Bird of Conservation Concern (BCC)<sup>9</sup>: No



Egg width<sup>2</sup>: 3 - 3.7 cm

Breeding time-frame - Start<sup>5</sup>: 10-Mar

Breeding time-frame - Stop<sup>5</sup>: 25-Aug

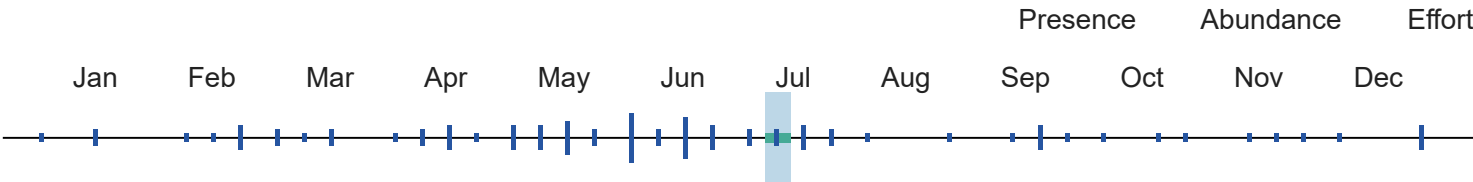
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable


BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Yellow-rumped Warbler

Setophaga coronata

Global: 170,000,000

Continental U.S. & Canada: 170,000,000

Common

^

Alpha Code

Alpha Code<sup>1</sup>: YRWA

Physical Details

Weight<sup>2</sup>: 12 - 13 g

Length<sup>2</sup>: 12 - 14 cm

Habitat

Habitat Category<sup>2</sup>: Forests

Primary Breeding Habitat<sup>4</sup>: Forests, Boreal

Population Information

Global Population<sup>4</sup>: 170,000,000

% Population Estimate USA & Canada<sup>4</sup>: 100.00%

Lower 95% Bound USA & Canada<sup>3</sup>: 160,000,000

Upper 95% Bound USA & Canada<sup>3</sup>: 190,000,000

Continental Population Trend<sup>4</sup>: Small or uncertain decrease

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: Not yet available

Lower 95% Bound BCR<sup>3</sup>: Not yet available

Upper 95% Bound BCR<sup>3</sup>: Not yet available

% State Population (USA only)<sup>3</sup>: Not yet available

Lower 95% Bound State<sup>3</sup>: Not yet available

Upper 95% Bound State<sup>3</sup>: Not yet available

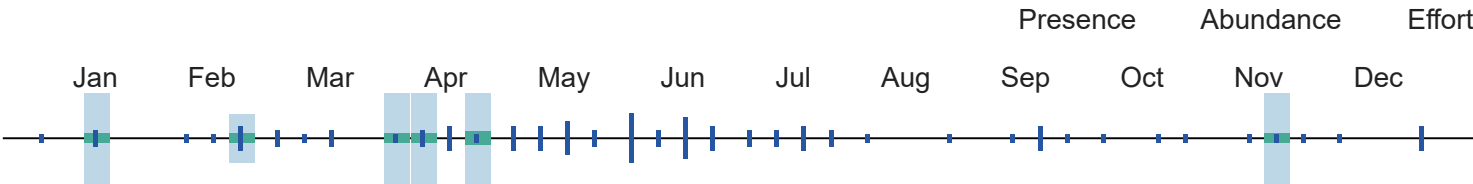
Biology

Conservation Status



<i>Food Category</i> <sup>2</sup> : Insects	<i>Continental Importance</i> <sup>4</sup> : Not yet available
<i>Behavior Category</i> <sup>2</sup> : Foliage Gleaner	<i>Half Life</i> <sup>4</sup> : Not yet available
<i>Nesting Category</i> <sup>2</sup> : Tree	<i>Federally Threatened</i> <sup>6</sup> : No
<i>Incubation Period</i> <sup>2</sup> : 12 - 13 days	<i>Federally Endangered</i> <sup>6</sup> : No
<i>Clutch Size</i> <sup>2</sup> : 1 - 6 eggs	<i>State Threatened</i> <sup>7</sup> : Not applicable
<i>Number of Broods</i> <sup>2</sup> : 1 - 2	<i>State Endangered</i> <sup>7</sup> : Not applicable
<i>Egg description</i> <sup>2</sup> : White, speckled with brown, reddish-brown, gray, or purplish gray.	<i>Migratory Bird Treaty Act</i> <sup>8</sup> : Listed
<i>Egg length</i> <sup>2</sup> : 1.7 - 2.1 cm	<i>Bird of Conservation Concern (BCC)</i> <sup>9</sup> : No
<i>Egg width</i> <sup>2</sup> : 1.3 - 1.5 cm	<i>BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands</i> <sup>9,10</sup> : Not applicable
<i>Breeding time-frame - Start</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Breeding</i> <sup>9</sup> : Not applicable
<i>Breeding time-frame - Stop</i> <sup>5</sup> : Not yet available	<i>BCRs where BCC Non-breeding</i> <sup>9</sup> : Not applicable
<a href="#">More information on BCR's</a>	

Phenology Graph



<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Yellow-throated Warbler  
*Setophaga dominica*

Global: 2,000,000  
Continental U.S. & Canada: 2,000,000

State Threatened: MI  
State Endangered: WI

Alpha Code

*Alpha Code*<sup>1</sup>: YTWA

Physical Details

*Weight*<sup>2</sup>: 9 - 11 g  
*Length*<sup>2</sup>: 13 - 14 cm

Habitat

*Habitat Category*<sup>2</sup>: Forests  
*Primary Breeding Habitat*<sup>4</sup>: Forests, Temperate Eastern

Population Information

*Global Population*<sup>4</sup>: 2,000,000  
*% Population Estimate USA & Canada*<sup>4</sup>: 100.00%  
*Lower 95% Bound USA & Canada*<sup>3</sup>: 1,700,000

Upper 95% Bound USA & Canada<sup>3</sup>: 2,400,000

Continental Population Trend<sup>4</sup>: Significant large increase

Regional Population Trend<sup>4</sup>: Not yet available

% BCR Population<sup>3</sup>: BCR 24 - 18.50%

Lower 95% Bound BCR<sup>3</sup>: BCR 24 - 260,000

Upper 95% Bound BCR<sup>3</sup>: BCR 24 - 500,000

% State Population (USA only)<sup>3</sup>: AR - 5.50%

Lower 95% Bound State<sup>3</sup>: AR - 51,000

Upper 95% Bound State<sup>3</sup>: AR - 190,000

Biology

Food Category<sup>2</sup>: Insects

Behavior Category<sup>2</sup>: Bark Forager

Nesting Category<sup>2</sup>: Tree

Incubation Period<sup>2</sup>: 12 - 13 days

Clutch Size<sup>2</sup>: 3 - 5 eggs

Number of Broods<sup>2</sup>: Not yet available

Egg description<sup>2</sup>: Pale greenish with dark speckles.

Egg length<sup>2</sup>: 1.6 - 1.9 cm

Egg width<sup>2</sup>: 1.2 - 1.4 cm

Breeding time-frame - Start<sup>5</sup>: 1-Apr

Breeding time-frame - Stop<sup>5</sup>: 31-Jul

Conservation Status

Continental Importance<sup>4</sup>: Not yet available

Half Life<sup>4</sup>: Not yet available

Federally Threatened<sup>6</sup>: No

Federally Endangered<sup>6</sup>: No

State Threatened<sup>7</sup>: MI

State Endangered<sup>7</sup>: WI

Migratory Bird Treaty Act<sup>8</sup>: Listed

Bird of Conservation Concern (BCC)<sup>9</sup>: No

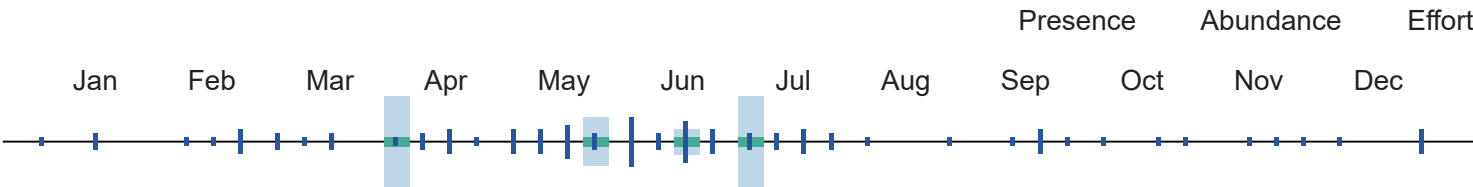
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands<sup>9,10</sup>: Not applicable

BCRs where BCC Breeding<sup>9</sup>: Not applicable

BCRs where BCC Non-breeding<sup>9</sup>: Not applicable

[More information on BCR's](#)

Phenology Graph






<sup>10</sup> When the value for this field is "No", the bird is a BCC species in only certain BCRs.

## **APPENDIX G**


**QuickFacts**  
**Benton County, Arkansas**


QuickFacts provides statistics for all states and counties. Also for cities and towns with a *population of 5,000 or more*.

All Topics	Benton County, Arkansas
Population estimates, July 1, 2023, (V2023)	311,013
PEOPLE	
Population	
Population estimates, July 1, 2023, (V2023)	311,013
Population Estimates, July 1, 2022, (V2022)	302,822
Population estimates base, April 1, 2020, (V2023)	284,340
Population estimates base, April 1, 2020, (V2022)	284,340
Population, percent change - April 1, 2020 (estimates base) to July 1, 2023, (V2023)	9.4%
Population, percent change - April 1, 2020 (estimates base) to July 1, 2022, (V2022)	6.5%
Population, Census, April 1, 2020	284,333
Population, Census, April 1, 2010	221,339
Age and Sex	
Persons under 5 years, percent	6.5%
Persons under 18 years, percent	25.2%
Persons 65 years and over, percent	13.9%
Female persons, percent	49.7%
Race and Hispanic Origin	
White alone, percent	87.3%
Black or African American alone, percent (a)	2.3%
American Indian and Alaska Native alone, percent (a)	1.9%
Asian alone, percent (a)	4.8%
Native Hawaiian and Other Pacific Islander alone, percent (a)	0.8%
Two or More Races, percent	2.9%
Hispanic or Latino, percent (b)	18.0%
White alone, not Hispanic or Latino, percent	70.7%
Population Characteristics	
Veterans, 2018-2022	14,702
Foreign born persons, percent, 2018-2022	12.0%
Housing	
Housing units, July 1, 2022, (V2022)	122,499
Owner-occupied housing unit rate, 2018-2022	67.8%
Median value of owner-occupied housing units, 2018-2022	\$254,000
Median selected monthly owner costs -with a mortgage, 2018-2022	\$1,544
Median selected monthly owner costs -without a mortgage, 2018-2022	\$489
Median gross rent, 2018-2022	\$1,113
Building permits, 2022	5,055
Families & Living Arrangements	
Households, 2018-2022	104,164
Persons per household, 2018-2022	2.72
Living in same house 1 year ago, percent of persons age 1 year+, 2018-2022	86.7%
Language other than English spoken at home, percent of persons age 5 years+, 2018-2022	14.4%
Computer and Internet Use	
Households with a computer, percent, 2018-2022	95.9%
Households with a broadband Internet subscription, percent, 2018-2022	91.1%
Education	
High school graduate or higher, percent of persons age 25 years+, 2018-2022	90.1%
Bachelor's degree or higher, percent of persons age 25 years+, 2018-2022	35.5%
Health	
With a disability, under age 65 years, percent, 2018-2022	6.6%
Persons without health insurance, under age 65 years, percent	11.5%

Economy	
In civilian labor force, total, percent of population age 16 years+, 2018-2022	66.5%
In civilian labor force, female, percent of population age 16 years+, 2018-2022	59.7%
Total accommodation and food services sales, 2017 (\$1,000) (c)	610,252
Total health care and social assistance receipts/revenue, 2017 (\$1,000) (c)	1,214,805
Total transportation and warehousing receipts/revenue, 2017 (\$1,000) (c)	2,016,005
Total retail sales, 2017 (\$1,000) (c)	3,717,446
Total retail sales per capita, 2017 (c)	\$13,929
Transportation	
Mean travel time to work (minutes), workers age 16 years+, 2018-2022	20.8
Income & Poverty	
Median household income (in 2022 dollars), 2018-2022	\$85,269
Per capita income in past 12 months (in 2022 dollars), 2018-2022	\$43,359
Persons in poverty, percent	 7.9%
 BUSINESSES	
Businesses	
Total employer establishments, 2021	7,298
Total employment, 2021	126,598
Total annual payroll, 2021 (\$1,000)	8,829,517
Total employment, percent change, 2020-2021	-1.2%
Total nonemployer establishments, 2021	24,375
All employer firms, Reference year 2017	4,652
Men-owned employer firms, Reference year 2017	2,365
Women-owned employer firms, Reference year 2017	701
Minority-owned employer firms, Reference year 2017	340
Nonminority-owned employer firms, Reference year 2017	3,600
Veteran-owned employer firms, Reference year 2017	299
Nonveteran-owned employer firms, Reference year 2017	3,560
 GEOGRAPHY	
Geography	
Population per square mile, 2020	335.4
Population per square mile, 2010	261.2
Land area in square miles, 2020	847.72
Land area in square miles, 2010	847.36
FIPS Code	05007

Value Notes

 Methodology differences may exist between data sources, and so estimates from different sources are not comparable.

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable. Click the Quick Info  icon to the left of each row in Table 1 to learn about sampling error.

The vintage year (e.g., V2023) refers to the final year of the series (2020 thru 2023). Different vintage years of estimates are not comparable.

Users should exercise caution when comparing 2018-2022 ACS 5-year estimates to other ACS estimates. For more information, please visit the [2022 5-year ACS Comparison Guidance](#) page.

Fact Notes

- (a) Includes persons reporting only one race
- (c) Economic Census - Puerto Rico data are not comparable to U.S. Economic Census data
- (b) Hispanics may be of any race, so also are included in applicable race categories

Value Flags

- Either no or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest or upper interval of an open ended distribution
- F Fewer than 25 firms
- D Suppressed to avoid disclosure of confidential information
- N Data for this geographic area cannot be displayed because the number of sample cases is too small.
- FN Footnote on this item in place of data
- X Not applicable
- S Suppressed; does not meet publication standards
- NA Not available
- Z Value greater than zero but less than half unit of measure shown

QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Income and Poverty Estimates, Statistical Area Income and Poverty Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.



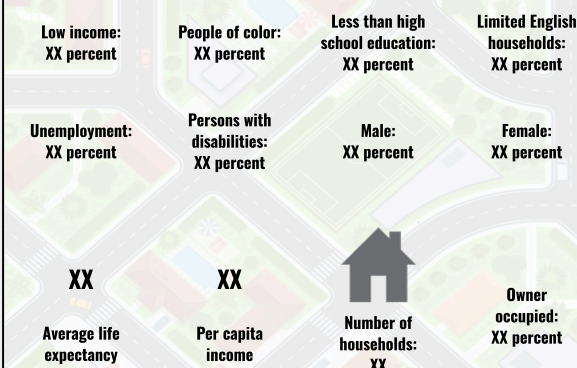
# EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

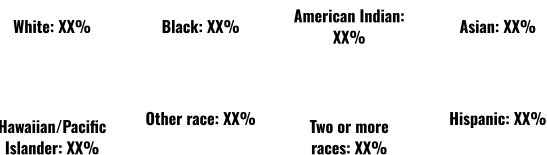
The area is too small or sparsely populated, or these data are not available in the national dataset. Cannot generate an EJScreen chart or report.

Area reserved for map

## COMMUNITY INFORMATION



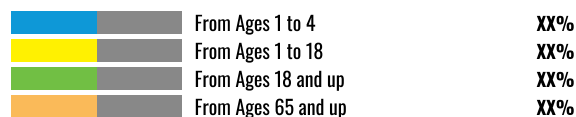
## BREAKDOWN BY RACE



## LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
English	XX%
Spanish	XX%
French, Haitian, or Cajun	XX%
German or other West Germanic	XX%
Russian, Polish, or Other Slavic	XX%
Other Indo-European	XX%
Korean	XX%
Chinese (including Mandarin, Cantonese)	XX%
Vietnamese	XX%
Tagalog (including Filipino)	XX%
Other Asian and Pacific Island	XX%
Arabic	XX%
Other and Unspecified	XX%
Total Non-English	XX%

## BREAKDOWN BY AGE



## LIMITED ENGLISH SPEAKING BREAKDOWN



Notes: Numbers may not sum to totals due to rounding. Hispanic population can be of any race. Source: U.S. Census Bureau, American Community Survey (ACS) 2017-2021. Life expectancy data comes from the Centers for Disease Control.

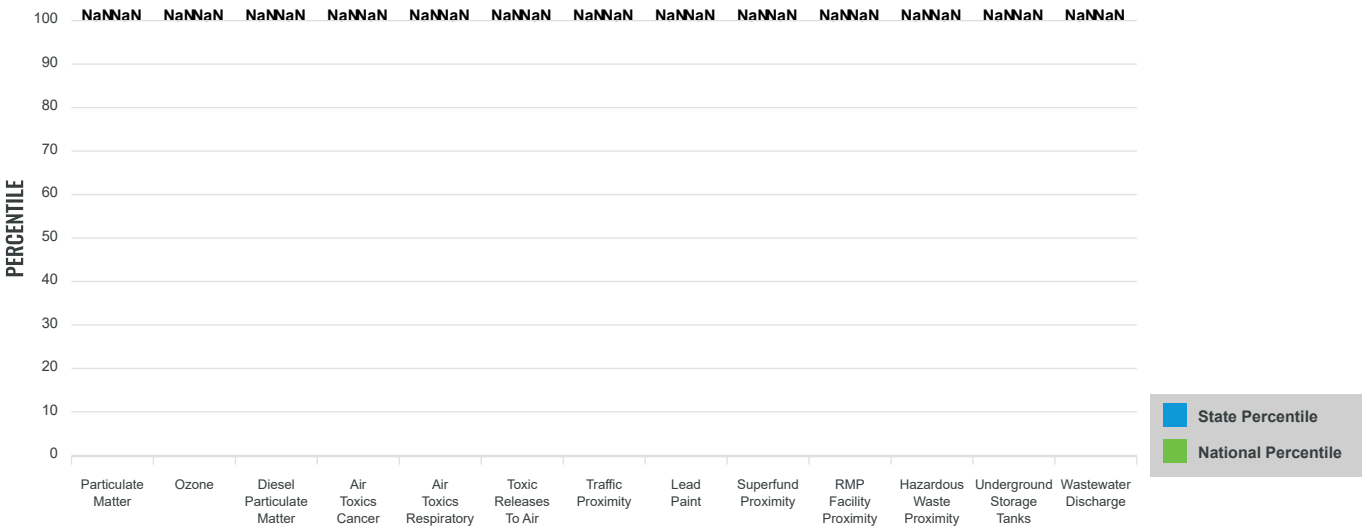
# Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. There are thirteen EJ indexes and supplemental indexes in EJScreen reflecting the 13 environmental indicators. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

## EJ INDEXES

The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.

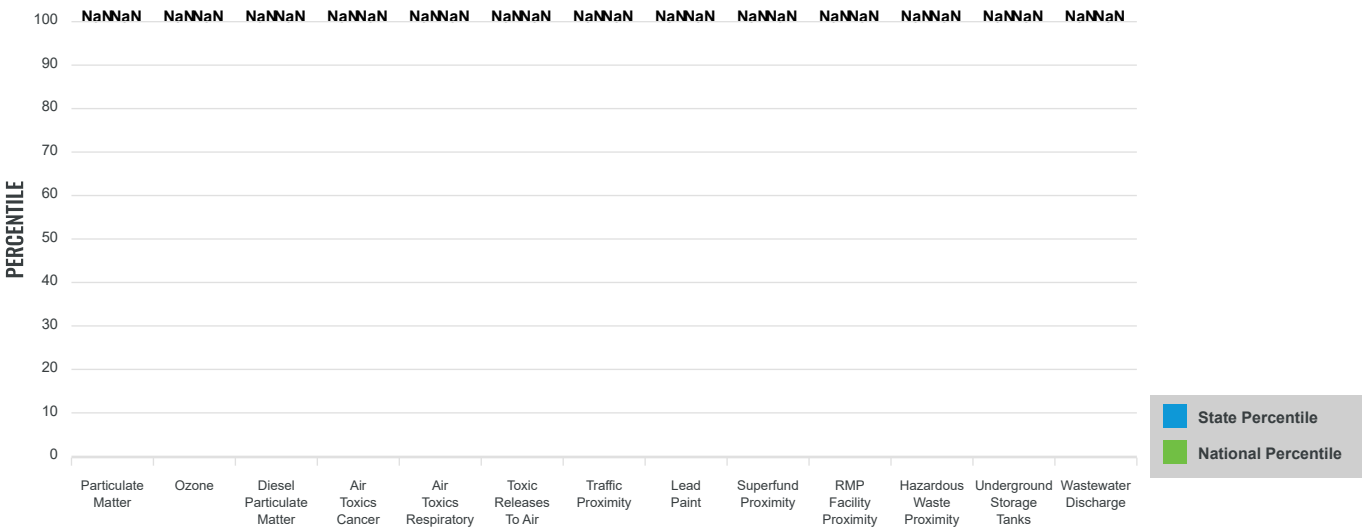
### EJ INDEXES FOR THE SELECTED LOCATION



## SUPPLEMENTAL INDEXES

The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on percent low-income, percent linguistically isolated, percent less than high school education, percent unemployed, and low life expectancy with a single environmental indicator.

### SUPPLEMENTAL INDEXES FOR THE SELECTED LOCATION



These percentiles provide perspective on how the selected block group or buffer area compares to the entire state or nation.  
Report for XX



# EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
<b>POLLUTION AND SOURCES</b>					
Particulate Matter ( $\mu\text{g}/\text{m}^3$ )	XX	XX	XX	XX	XX
Ozone (ppb)	XX	XX	XX	XX	XX
Diesel Particulate Matter ( $\mu\text{g}/\text{m}^3$ )	XX	XX	XX	XX	XX
Air Toxics Cancer Risk* (lifetime risk per million)	XX	XX	XX	XX	XX
Air Toxics Respiratory HI*	XX	XX	XX	XX	XX
Toxic Releases to Air	NaN	NaN	NaN	NaN	NaN
Traffic Proximity (daily traffic count/distance to road)	NaN	NaN	NaN	NaN	NaN
Lead Paint (% Pre-1960 Housing)	XX	XX	XX	XX	XX
Superfund Proximity (site count/km distance)	XX	XX	XX	XX	XX
RMP Facility Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Hazardous Waste Proximity (facility count/km distance)	XX	XX	XX	XX	XX
Underground Storage Tanks (count/km <sup>2</sup> )	XX	XX	XX	XX	XX
Wastewater Discharge (toxicity-weighted concentration/m distance)	XX	XX	XX	XX	XX
<b>SOCIOECONOMIC INDICATORS</b>					
Demographic Index	XX%	XX%	XX	XX%	XX
Supplemental Demographic Index	XX%	XX%	XX	XX%	XX
People of Color	XX%	XX%	XX	XX%	XX
Low Income	XX%	XX%	XX	XX%	XX
Unemployment Rate	XX%	XX%	XX	XX%	XX
Limited English Speaking Households	XX%	XX%	XX	XX%	XX
Less Than High School Education	XX%	XX%	XX	XX%	XX
Under Age 5	XX%	XX%	XX	XX%	XX
Over Age 64	XX%	XX%	XX	XX%	XX
Low Life Expectancy	XX%	XX%	XX	XX%	XX

\*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

## Sites reporting to EPA within defined area:

Superfund .....	XX
Hazardous Waste, Treatment, Storage, and Disposal Facilities .....	XX
Water Dischargers .....	XX
Air Pollution .....	XX
Brownfields .....	XX
Toxic Release Inventory .....	XX

## Other community features within defined area:

Schools .....	XX
Hospitals .....	XX
Places of Worship .....	XX

## Other environmental data:

Air Non-attainment .....	XX
Impaired Waters .....	XX

Selected location contains American Indian Reservation Lands* .....	XX
Selected location contains a "Justice40 (CEJST)" disadvantaged community .....	XX
Selected location contains an EPA IRA disadvantaged community .....	XX

Report for XX

## EJScreen Environmental and Socioeconomic Indicators Data

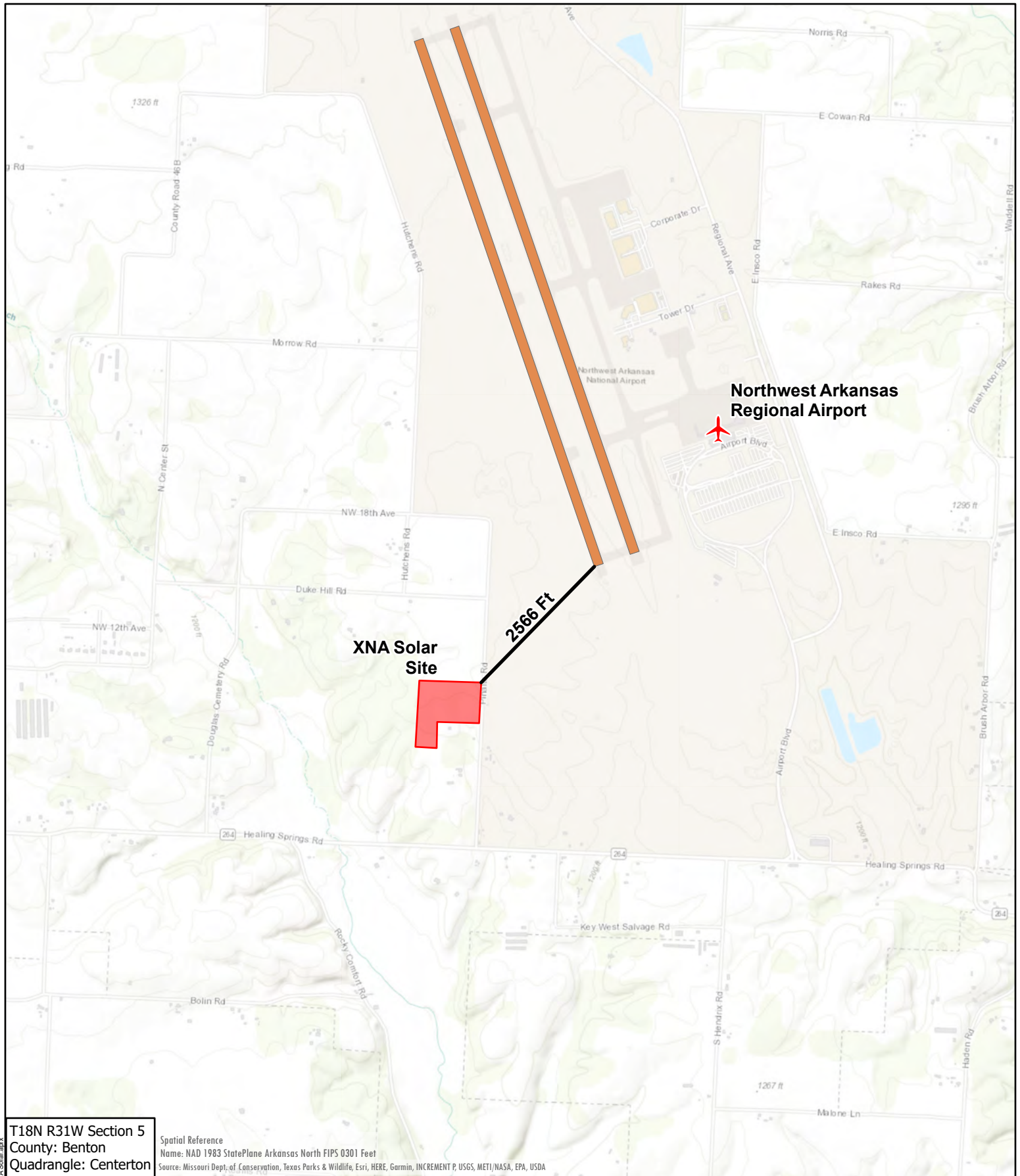
HEALTH INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	XX	XX	XX	XX	XX
Heart Disease	XX	XX	XX	XX	XX
Asthma	XX	XX	XX	XX	XX
Cancer	XX	XX	XX	XX	XX
Persons with Disabilities	XX	XX	XX	XX	XX

CLIMATE INDICATORS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	XX	XX	XX	XX	XX
Wildfire Risk	XX	XX	XX	XX	XX

CRITICAL SERVICE GAPS					
INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	XX	XX	XX	XX	XX
Lack of Health Insurance	XX	XX	XX	XX	XX
Housing Burden	XX	N/A	N/A	N/A	N/A
Transportation Access	XX	N/A	N/A	N/A	N/A
Food Desert	XX	N/A	N/A	N/A	N/A


Report for XX


## **APPENDIX H**





T18N R31W Section 5  
County: Benton  
Quadrangle: Centerton

Spatial Reference  
Name: NAD 1983 StatePlane Arkansas North FIPS 0301 Feet  
Source: Missouri Dept. of Conservation, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

 Airport


 Distance

 Area of Potential Effects

 Airport Runway

  
Toth & Associates

1550 E REPUBLIC RD  
SPRINGFIELD, MO 65804  
Ph. 417-888-0645  
Fax: 417-888-0657  
www.tothassociates.com

  
Your Energy Partner

DISCLAIMER: This map is for illustrative purposes and should only be used as such.

Map by: mgaines

Date: 4/24/2024

TODAY'S POWER  
NORTH LITTLE ROCK, ARKANSAS  
PULASKI

XNA Solar Site

Airport Proximity

0 2,000 Feet

## **APPENDIX I**



> [J Occup Environ Hyg](#). 2015;12(11):795-803. doi: 10.1080/15459624.2015.1047021.

# Electromagnetic Fields Associated with Commercial Solar Photovoltaic Electric Power Generating Facilities

R A Tell <sup>1</sup>, H C Hooper <sup>2</sup>, G G Sias <sup>3</sup>, G Mezei <sup>4</sup>, P Hung <sup>3</sup>, R Kavet <sup>5</sup>

Affiliations

PMID: 26023811 DOI: [10.1080/15459624.2015.1047021](#)

## Abstract

The southwest region of the United States is expected to experience an expansion of commercial solar photovoltaic generation facilities over the next 25 years. A solar facility converts direct current generated by the solar panels to three-phase 60-Hz power that is fed to the grid. This conversion involves sequential processing of the direct current through an inverter that produces low-voltage three-phase power, which is stepped up to distribution voltage (~12 kV) through a transformer. This study characterized magnetic and electric fields between the frequencies of 0 Hz and 3 GHz at two facilities operated by the Southern California Edison Company in Porterville, CA and San Bernardino, CA. Static magnetic fields were very small compared to exposure limits established by IEEE and ICNIRP. The highest 60-Hz magnetic fields were measured adjacent to transformers and inverters, and radiofrequency fields from 5-100 kHz were associated with the inverters. The fields measured complied in every case with IEEE controlled and ICNIRP occupational exposure limits. In all cases, electric fields were negligible compared to IEEE and ICNIRP limits across the spectrum measured and when compared to the FCC limits ( $\geq 0.3$  MHz).

**Keywords:** electric fields; exposure standards and guidelines; magnetic fields; solar photovoltaic power.

[PubMed Disclaimer](#)

## LinkOut - more resources

Full Text Sources

[Taylor & Francis](#)

Medical

[MedlinePlus Health Information](#)