ENVIRONMENTAL ASSESSMENT

For
City of Clarksville
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

CITY OF CLARKSVILLE SOLAR FACILITY

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List of Acronyms and Abbreviations

APE	Area of Potential Effect
BMPs	Best Management Practices
CFR	Code of Federal Regulations
DC	Direct Current
EPA	Environmental Protection Agency
EA	Environmental Assessment
EMF	Electromagnetic Fields and Interference
EPA	Environmental Protection Agency
ESA	Environmental Species Act
FCL	Formally Classified Lands
FEMA	Federal Emergency Management Agency
FPPA	Farmland Protection Policy Act
FONSI	Finding of No Significant Impact
GHGs	Greenhouse Gasses
IPaC	Information, Planning, and Conservation System
NEPA	National Environmental Policy Act
NAA	No Action Alternative
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
RUS	Rural Utilities Service
SHPO	State Historic Preservation Office
THPO	Tribal Historic Preservation Office
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey

TODAY'S POWER, INC.

ENVIRONMENTAL ASSESSMENT

CITY OF CLARKSVILLE 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 the City of Clarksville, proposes to install a new, 90-acre solar facility, known as the City of Clarksville – Sun Cloud Solar Facility within the City of Clarksville, Arkansas in Johnson County near the intersection of Massengale Road and W Country Club Road, as shown on the enclosed map, which can be found in Appendix A.

This proposed 10-30 MWAC solar facility will be located on the 90-acre industrial 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 90-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.

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.

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 City of Clarksville for this project. The project will improve the reliability and capacity of the local power system with renewable energy generation.

2.0 ALTERNATIVES EVALUATED INCLUDING THE PROPOSED ACTION

2.1 PROPOSED ACTION

The Project proposes to construct a 90-acre, 10-30-megawatt solar electric array located on a mostly flat and empty field just south of Interstate 40 The solar array is located within the city of Clarksville, Arkansas in Johnson County near the intersection of Massengale Road and W Country Club Road, as shown on the enclosed map, which can be found in Appendix A.

The Project has been sited on private property currently owned by the City of Clarksville 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 the City of Clarksville.

Alternative energy production methods were also considered.

Wind: The site is 4 miles from the closest airport. Implementation of wind energy requires very tall turbines, which have a greater potential to impact air traffic. Wind energy is most effective in areas where wind speeds are more consistently high such as areas of the great planes 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. 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.

Coal and Natural Gas: Using these methods would not achieve the purpose of this site- reducing the grid'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) would result in no new solar facility being built. Additionally, the area's dependence on fossil fuel electricity generation would not be reduced. 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. The NAA would result in fewer electric power generation options available to the City of Clarksville, which would result in increased energy costs for residents of the city by nature of supply and demand. The NAA would result in net harm to the environment as the proposed solar facility is not expected to have any negative environmental impacts but is expected to have positive impacts by reducing overall greenhouse gas emissions.

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. The solar facility is being planned in conjunction with the City of Clarksville. The project is mentioned in the city's most recent city plan. The city currently owns the property upon which the array is to be constructed. According to the city's planning and zoning map (available online) the site is zoned for I-1, which is light industrial.

3.1.1.1 AFFECTED ENVIRONMENTAL

The proposed Project will be located on industrial tracts of land within the city of Clarksville, Arkansas in Johnson County near the corner of Massengale Road and W Country Club Road. According to the Important Farmland Review by the Natural Resources Conservation Service (NRCS), "This activity will not affect Prime Farmland or Farmland of Statewide Importance."

3.1.1.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

No action alternative would leave the area more reliant on fossil fuels which are heavier in the production of CO_2 and other GHGs.

Proposed Action

As there are no known development plans, the land is properly zoned for light industrial use (I-1), and TPI has acquired the lease. The proposed action is not anticipated to have any negative impact on land use.

3.1.1.3 MITIGATION

Land use is compliant with local zoning regulations and will not need to be rezoned. The facility is in line with and accounted for in the city's plans. No mitigation measures are warranted.

3.1.2 IMPORTANT FARMLAND

3.1.2.1 AFFECTED ENVIRONMENT

The proposed Project will be located on industrial tracts of land within the city of Clarksville, Arkansas in Johnson County near the corner of Massengale Road and W Country Club Road. According to the Important Farmland Review by the Natural Resources Conservation Service (NRCS), "This activity will not affect Prime Farmland or Farmland of Statewide Importance."

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 industrial use, as it is zoned for such and owned by the City of Clarksville.

Proposed Alternative

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 May 10, 2024, regarding the impact on important farmland for the Project located in Johnson County, Arkansas: this will not affect Prime Farmland or Farmland of Statewide Importance. Copies of NRCS correspondence and completed forms can be found in Appendix B.

3.1.2.3 MITIGATION

No mitigation measures are warranted

3.1.3 FORMALLY CLASSIFIED LANDS

3.1.3.1 AFFECTED ENVIRONMENT

The National Map and the PADUS Map provided by the USGS, found in Appendix C, as well as the EPA-provided NEPAssist tool, found in Appendix H, were referenced for any known Formally Classified Lands. 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

The NAA does not apply as there are no anticipated impacts to formally classified lands.

Proposed Action

The site and APE are located on land that is owned by the City of Clarksville. According to the National Map and NEPAssist tool, there are no known Formally Classified Lands as defined above located within the project boundary. 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.

3.2 FLOODPLAINS

3.2.1 AFFECTED ENVIRONMENT

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) is attached in Appendix D.

Per FEMA NFIP FIRM 05071C0335D, effective date 11/26/2010, the proposed project lies within Zone X and is not within a FEMA-delineated floodplain.

3.2.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

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

Proposed Action
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

Between 2012 and 2015 there was a freshwater pond that was filled in and removed. As can be seen in Appendix E, the pond no longer exists on the property. Construction will not take place in any wetlands that may be present in the project area.

When planning for the construction of this site it was planned to be built around the wetland, as shown on the included site map in Appendix E. The avoidance of wetlands was one of the initial criteria for site selection. The proposed Project will not be constructed within the known wetland per the USFWS National Wetlands Inventory. USFWS and NWI wetlands for the surrounding area are indicated on the attached maps, which can be found in Appendix E.

3.3.2 ENVIRONMENTAL CONSEQUENCES

No Alternative Action
The NAA does not apply as there is no impact on wetlands

Proposed Action
There are wetlands in the APE for the Project, and the construction of the project will involve controls and best management practices to control any discharge from the site. TPI and its contractors will not perform any construction activities within or near the small riverine indicated on the east side of the project area. Therefore, a pre-constriction filing of the Nationwide Permit with the US Army Corps of Engineers will not be required. There is no anticipated impact to any wetlands because of this Project.

3.3.3 MITIGATION

BMPs will be implemented to prevent impacts to any nearby wetlands. TPI and contractors will not perform any construction activities within or near the small riverine located within the eastern portion of the project area.

3.4 WATER RESOURCES

AFFECTED ENVIRONMENT

According to the data from the EPA's Sole Source Aquifer online data-viewer and the NEPAssist mapping tool, found in Appendix H, 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 Hogskin Creek, located 0.33 miles to the southeast of the Project APE.

ENVIRONMENTAL CONSEQUENCES

All necessary permits will be in place prior to construction. Controls, such as silt fences, stabilization, and other Best Management Practices (BMPs) will be used as a requirement of the Land Disturbance Permit and Stormwater Pollution Prevention Plan 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.

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 protection area.

The project is not within the drainage area of any SSA. The closest aquifer, the Arbuckle- Simpson Sole Source Aquifer, is approximately 183 miles away.

3.4.1.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

If no action 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

The proposed action route would result in no direct impacts to surface waters or wetlands associated with the construction and operation of the facility as no surface waters were identified and the wetland that is present will not be disturbed. The proposed action may result in negligible, short-term negative indirect effects on surface water quality.

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 ENVIRONMENTAL

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 to water quantity

Proposed Action

As mentioned previously, BMPs will be implemented during construction to limit impacts on water flow during construction. The building, parking lots, and storage areas will be designed to limit undesirable flow of water. The proposed facility will not generate any new effluent discharge. Thus, no impacts to water quantity are anticipated as a result of the proposed action.

3.4.2.3 MITIGATION

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

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.

3.6 BIOLOGICAL RESOURCES

3.6.1 GENERAL FISH, WILDLIFE, AND VEGETATION

3.6.1.1 AFFECTED ENVIRONMENT

The proposed Project will be located on industrial tracts of land in Arkansas within the city of Clarksville in Johnson County, near the intersection of Baucum Pike and Garner 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.

3.6.1.2 ENVIRONMENTAL CONSEQUENCES

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 in general for native vegetation or wildlife other than hay grasses on the Project site. No effects on fish, wildlife, 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 accessed the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Conservation (IPaC) website on February 22, 2024. According to the website, there are seven endangered species that may be present in the APE of the proposed Project: Gray Bat, Indiana Bat, Northern Long-eared Bat, Tricolored Bat, Eastern Black Rail, Piping Plover, Rufa Red Knot, Alligator Snapping Turtle, Monarch Butterfly, and Missouri Bladderpod. The official IPaC species list is provided in Appendix F.

3.6.2.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

With the NAA option, the proposed project site would remain in its current condition and there would be no impact on biological resources.

Proposed Action

PROPOSED ACTION DETERMINATIONS			
MAMMALS			
SPECIES	PROTECTION STATUS	HABITAT DESCRIPTION	HABITAT PRESENT
Gray Bat	Endangered	The Gray Bat prefers to live in caves or cave-like structures year-round.	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. The IPaC provided Determination Key determined that the undertaking is not likely to adversely affect the Gray Bat. Christopher Davidson at USFWS replied with a letter stating "The Service concurs with your determination that this project 'may affect, but is not likely to adversely affect' the Gray Bat (*Myotis grisescens*) or th[e] Indian Bat (*Myotis sodalist*). Consultation has been completed for all other species that may occur in your project area via IPaC. This letter is included in Appendix F.

PROPOSED ACTION DETERMINATIONS (CONTINUED)			
MAMMALS (CONTINUED)			
SPECIES	PROTECTION STATUS	HABITAT DESCRIPTION	HABITAT PRESENT
Indiana Bat	Endangered	The Indiana Bat prefers habitats that consist of partially open to closed forested habitats with open understory, forest edges, and riparian areas.	Little to no suitable habitat within the project area for the Indiana Bat. There are few trees in the Project Area. The IPaC provided Determination Key determined that the undertaking may affect the Indiana Bat. Christopher Davidson at USFWS replied with a letter stating "The Service concurs with your determination that this project 'may affect, but is not likely to adversely affect' the Gray Bat (*Myotis grisescens*) or th[e] Indian Bat (*Myotis sodalist*). Consultation has been completed for all other species that may occur in your project area via IPaC. This letter is included in Appendix F.
Northern Long-eared Bat (NLEB)	Endangered	The bat 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 nor-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.	No suitable habitat is present for the Northern Long-eared Bat. Prior to leasing the lessor cleared the property of trees. There are no structures and no caves within the extent of the project. The IPaC provided Determination Key that determined that the undertaking would have no effect on the NLEB.

PROPOSED ACTION DETERMINATIONS (CONTINUED)			
MAMMALS (CONTINUED)			
SPECIES	PROTECTION STATUS	HABITAT DESCRIPTION	HABITAT PRESENT
Tricolored Bat	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.	Per consultation with USFWS, there have been positive surveys for the Tri-colored bat near the project area. Per the request of USFWS, TPI has committed limiting all necessary tree clearing to outside the Tri-colored Bat's pup window, which is May 15 – July 31. All correspondence with USFWS is included in Appendix F.
BIRDS			
Piping Plover	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 that determined that the undertaking would have no effect on the Piping Plover.
Rufa Red Knot	Threatened	The Rufa Red Knots are shore birds. They prefer coastal areas. When nesting they prefer slightly elevated tundra near freshwater wetlands.	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. The IPaC provided Determination Key determined that the undertaking would have no effect on the Rufa Red Knot.

PROPOSED ACTION DETERMINATIONS (CONTINUED)			
SPECIES	PROTECTION STATUS	HABITAT DESCRIPTION	HABITAT PRESENT
REPTILES			
Alligator Snapping Turtle	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.
INSECTS			
Monarch Butterfly	Candidate	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 there is no suitable habitat for monarch butterflies within the site.
American Burying Beetle	Threatened	The American Burying Beetle prefers various habitats ranging from open unmaintained fields to grasslands, and forests.	With the site being a well-maintained field there is no suitable habitat for the American burying beetle. The IPaC provided Determination Key determined that the undertaking would have no effect on the American Burying Beetle.
FLOWERING PLANTS			
Missouri Bladderpod	Threatened	The Missouri Bladderpod mostly grows in open limestone glades but have been found in one dolomite glad in Arkansas.	There is no suitable habitat for the Missouri Bladderpod within the project area. The IPaC provided Determination Key determined that the undertaking would have no effect on the Missouri Bladderpod.

Based on this, RUS determined that financial assistance for this project will be not likely to adversely affect any listed or proposed species nor result in the adverse modification of any designated or proposed suitable habitat. No environmental impact is anticipated on any threatened or endangered species as a result of this Project.

3.6.2.3 MITIGATION

TPI and contractors will perform all tree removal activities outside the Tri-colored bat's pup window (May 15- July 31).

3.6.3 MIGRATORY BIRD TREATY ACT

3.6.3.1 AFFECTED ENVIRONMENT

TPI accessed the Rapid Avian Information Locator (RAIL), at the recommendation of the U.S. Fish and Wildlife Service (USFWS), website on July 22, 2024. According to the website, there are no species of bird that are of true concern for the Project Area. The official RAIL species list is provided in Appendix G.

3.6.3.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

Under the NAA, the proposed project area would remain in its current condition and there would be no impact on 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), at the recommendation of the U.S. Fish and Wildlife Service (USFWS), website on April 12, 2024. According to the website, the Bald Eagle is not a bird of concern in the Project area. The official IPaC species list is provided in Appendix G.

3.6.4.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

Under the NAA, the proposed project area 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 land which provides little suitable wildlife habitat for the Bald Eagle and would not cause an impact upon their 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). 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.

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

3.7 CULTURAL RESOURCES AND HISTORIC PROPERTIES

3.7.1 AFFECTED ENVIRONMENT

The site is located on land previously cleared prior to the consideration of this project. The proposed Project will be located on tracts of land within the city of Clarksville, Arkansas in Johnson County near the intersection of Baucum Pike and Garner Road.

3.7.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

No cultural resources are present

Proposed Action

The Arkansas Historic Preservation Program (AHPP) was contacted for their review and comment on the proposed Project on June 10, 2024. In accordance with the online Tribal Directory Assessment Tool (TDAT), the following Indian tribes were provided a finding of "no historic properties affected" on June 10, 2024, regarding the proposed Project: the Alabama-Quassarte Tribal Town, the Apache Tribe of Oklahoma, the Caddo Nation of Oklahoma, the Cherokee Nation, the Choctaw Nation of Oklahoma, the Muscogee (Creek) 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 City of Clarksville 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)". The cultural resource survey was provided to all listed tribes as well as the AHPP.

The AHPP concurred with the findings on July 10, 2024.

The Choctaw Indians of Oklahoma stated, "This part of Johnson County, Arkansas lies outside out area of historic interest."

As of today's date, no further response was received by the Alabama-Quassarte Tribal Town, the Apache Tribe of Oklahoma, the Caddo Nation of Oklahoma, the Cherokee Nation, the Choctaw Nation of Oklahoma, the Coushatta Tribe of Louisiana, the Delaware Nation of Oklahoma, the Eastern Band of Cherokee Indians, the Eastern Shawnee Tribe of Oklahoma, and the Mississippi Band of Choctaw Indians.

Given the above discussion, we conclude the proposed undertaking will have no effect on historic properties or cultural resources.

3.7.3 MITIGATION

No mitigation measures are warranted.

3.8 AESTHETICS

3.8.1 AFFECTED ENVIRONMENT

The site is located on a grassy field with few trees. No existing structures exist within the project area other than a gravel road running through the middle. The land is currently owned by the City of Clarksville. The proposed solar array will be located between the Clarksville Fire Department and Nite Lite Outdoors. The site is bordered mostly by open fields to the north, south, and southwest. There is a residential neighborhood located along the northern portion of the western boundary of the project. The proposed solar field is also outside of any aesthetically sensitive location.

3.8.2 ENVIRONMENTAL CONSEQUENCES

The project will install photovoltaic panels over the about 90 acres indicated on the APE, away from any scenic or visually sensitive areas. The solar arrays are not anticipated to exceed 15 feet in height, making them unlikely to attract much attention aesthetically. It is not anticipated that the proposed action will result in any significant adverse impact on the area's aesthetics.

3.8.3 MITIGATION

No mitigation measures are warranted.

3.9 AIR QUALITY

3.9.1 AFFECTED ENVIRONMENTAL

The attached report, located in Appendix H, using the EPA-provided NEPAssist tool 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

<u>No Action Alternative</u>

There would be no change in the current state of the site, and no impact on air quality would be expected.

Proposed Action
As shown in the above-referenced report, the Project is outside of any EPA-designated non-attainment or maintenance areas for air quality criteria pollutants.

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.

3.9.3 MITIGATION

BMPs will mitigate short-term increases to dust, and short-term increases in emissions will be negligible during construction.

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 for Johnson County, AR was reviewed and is provided in Appendix I. It shows a population of 78.1% white, with a 21.2% poverty rate, and a reported growth of 0.91%.

Per the attached report located in Appendix I, using the EPA-provided EJScreen tool, the proposed project is in an area within an area with a population of 39% people of color, with a 54% low-income population. The proposed Project is being designed to meet the future power needs for the growth and stability of all residents in the area by providing them with clean, renewable energy. The Project is not considered an environmental risk or controversial and it will not displace any current residents, nor will it adversely impact local public facilities or public services.

The proposed Project is within an undeveloped area already owned by the City of Clarksville. 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.

3.10.2 ENVIRONMENTAL CONSEQUENCES

The proposed Project is being designed to meet the future power needs for the growth and stability of all residents in the area by providing them with clean, renewable energy.

Based on the small size and location of the project, it is believed that 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 an industrial 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 an industrial area and within land and easements already possessed. The proposed project is being designed to meet the future power needs for the growth and stability of all residents in the area.

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.

3.11 MISCELLANEOUS ISSUES

3.11.1 NOISE

3.11.1.1 AFFECTED ENVIRONMENT

The site is located on land that is currently owned by the City of Clarksville. The proposed solar array will be located within the city of Clarksville, Arkansas in Johnson County near the intersection of Massengale Road and W Country Club Road. The area is already prone to somewhat elevated noise levels due to proximity to Interstate 40. Based on aerial images of the site, the nearest residences are located approximately 0.02 miles away

3.11.1.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

The NAA will result in no change to the noise level in the area.

Proposed Action

Any noise produced by the construction of the facility will be localized and temporary for the extent of the construction activity. Manual equipment installation will be utilized whenever possible to reduce the need for mechanized equipment that would increase noise during the construction phase and no specialized equipment that would generate loud noise is proposed to be used at the site. The level of noise that is anticipated to be produced by the proposed solar facility will not be greater than the current ambient noise levels in the area. The proposed Project is anticipated to have no effect on the noise pollution in the area.

3.11.1.3 MITIGATION

No mitigation measures are warranted.

3.11.2 TRANSPORTATION

3.11.2.1 AFFECTED ENVIRONMENT

The attached map, located in Appendix J, using FAA-provided data, shows that the proposed Project is approximately 4 linear mile distance from the nearest airport.

3.11.2.2 ENVIRONMENTAL CONSEQUENCES

As site developments are not expected to be 200 feet above the ground surface, no official notice must be filed with the Federal Aviation Administration and no impact to air traffic is expected as a result of this Project.

3.11.2.3 MITIGATION

No mitigation measures are warranted.

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 industrial tracts of land in Clarksville, Arkansas in Johnson County near the intersection of Massengale Road and W Country Club on land currently owned by the City of Clarksville. The proposed Project location site is located approximately 2.81 miles from the center of the city of Clarksville and approximately 0.02 miles away from the nearest occupied residence.

As the Project will involve the construction of a solar panel array that will generate electricity, Electromagnetic Fields (EMFs) may be generated. Studies (Tell, 2015) based on similar facilities suggest that any EMFs generated will be below permissible exposure thresholds. Publicly available studies used for reference are included in Appendix K.

3.12.1.2 ENVIRONMENTAL CONSEQUENCES

No Action Alternative

Pursuing the NAA would leave the area in its current condition without any EMFs or shock risks.

Proposed Action

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. The solar facility is proposed to be located over 1000 feet away from any occupied residence and will be fenced off to prevent unauthorized access. As a result, no impact to human health and safety is anticipated as a result of exposure to EMFs due to this Project.

3.12.1.3 MITIGATION

No mitigation measures are warranted

3.12.2 ENVIRONMENTAL RISK MANAGEMENT

3.12.2.1 AFFECTED ENVIRONMENT

The attached report, located in Appendix H, using the EPA-provided NEPAssist tool 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 that is currently owned by the City of Clarksville. 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.

3.13 CORRIDOR ANALYSIS

3.13.1 AFFECTED ENVIRONMENT

Connection to the existing electrical grid will be completed by the City of Clarksville to the utility lines located adjacent to the Project and within the 90-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 upon 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 to current traffic patterns and amounting to less than one average daily trip. No impact upon traffic is anticipated as a result of this Project.

3.13.3 MITIGATION

No mitigation measures are warranted.

4.0 CUMULATIVE EFFECTS

4.1 SUMMARY OF ENVIRONMENTAL EFFECTS

Environmental Resource	Determination of Effect
Land Use	No known development plans for the area, City of Clarksville currently owns the property. No Effect Anticipated.
Farmland	No Conversion of Farmland, USDA consultation concluded. No Effect Anticipated.
Formally Classified Land	No known Formally Classified Lands within Project Area.
Floodplains	No Floodplains within project area. No Effect Anticipated.
Wetlands	No affected Wetlands within project area. No Effect Anticipated.
Water Resources	No well-heads, watershed protection areas, or Sole Source Aquifers within the project area. 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.

Environmental Resource	Determination of Effect
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	No suitable habitat for listed threatened and endangered species is currently within the project area. 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	The survey concluded "no historic properties affected". Consultation concluded for all other tribes. No Effect Anticipated.

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ENVIRONMENTAL ASSESSMENT

CITY OF CLARKSVILLE SOLAR FACILITY

Environmental Resource	**Determination of Effect**
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 will be controlled by using manual installation methods where possible. Post-construction noise levels will be equivalent to current ambient noise levels in the area. No Effect Anticipated.
Transportation	Project is # mile from nearest airport. No significant short-term obstruction to traffic 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 over 1000 feet from occupied residences and will be fenced off to prevent unauthorized access. No Effect Anticipated.

4.2 CUMULATIVE EFFECTS

Environmental Resource	Past	Proposed Action	Future Action	Cumulative Effect
Land Use	Grassy field with gravel road running through middle	Convert 90-Acres To A Solar Facility	No Effect Anticipated	No Effect Anticipated
Farmland	Grassy field used for harvesting hay.	Convert 90-Acres To A Solar Facility	No Effect Anticipated	No Effect Anticipated
Formally Classified Land	None Existing Near Project Area	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Floodplains	None Existing Near Project Area	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Wetlands	None Existing Within the Project Area	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Water Resources	No Known Wells, Or Protection Areas Near Project Area. Receiving Stream ± 2500 Feet Distant. Project does not involve actions which would impact Sole Source Aquifer.	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Coastal Resources	None Existing Near Project Area	No Effect Anticipated	No Effect Anticipated	No 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 Effect Anticipated

TODAY'S POWER, INC.

ENVIRONMENTAL ASSESSMENT

CITY OF CLARKSVILLE SOLAR FACILITY

Environmental Resource	Past	Proposed Action	Future Action	Cumulative Effect
Biological Resources – Threatened And Endangered Species	No Suitable Habitat Within Project Area. No Indirect Effects To Surrounding Area	Not Likely to Adversely Affect	No Effect Anticipated	Not Likely to Adversely Affect
Biological Resources – Migratory Bird Treaty Act	No Suitable Habitat Within Project Area. No Indirect Effects To Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Biological Resources – Bald And Golden Eagle Protection Act	No Suitable Habitat Within Project Area. No Indirect Effects To Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Biological Resources – Invasive Species	None Known Within Project Area Or Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Cultural Resources And Historic Properties	None Known Within Project Area Or Surrounding Area	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Aesthetics	Previously Forested, Industrial Area	Will Convert 90-Acres Of Potential Farmland To Solar Facility	No Effect Anticipated	No Effect Anticipated

Environmental Resource	Past	Proposed Action	Future Action	Cumulative Effect
Air Quality	Outside Of EPA-Designated Non-Attainment Or Maintenance Areas For Air Quality Criteria Pollutants	Long-Term Benefit Anticipated	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 Effect Anticipated
Noise	Ambient Noise Level	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Transportation	Light, Traffic. Airport 4 miles away.	No Effect Anticipated	No Effect Anticipated	No Effect Anticipated
Human Health And Safety	Grassy field located near a small residential neighborhood.	EMF and Electrocution Potential Localized to Project Area. Fencing Will Prevent Unauthorized Access. No Effect Anticipated	No Effect Anticipated	No Effect Anticipated

In general, no significant effects are anticipated either individually or cumulatively as a result of the Project both within the approximately 90-acre area of potential effect for the project and for the immediately surrounding area within the next 20 years. The project is being done in conjunction with the City of Clarksville, and the project is mentioned in the most recent city plan. Land Use, Aesthetics, and Farmland will change from a previously forested area 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.

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	BMPs will be implemented. Small riverine on east side of project will be avoided.
WATER RESOURCES	All necessary BMPs will be implemented by the contractor.
COASTAL RESOURCES	No mitigations are warranted.
BIOLOGICAL RESOURCES	No tree clearing will take place from May 15 – July 31.
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.

6.0 COORDINATION, CONSULTATION, AND CORRESPONDENCE

The draft EA is available for public review at the RD website (https://www.rd.usda.gov/resources/environmental-studies/assessment/north-little-rock-electric-department-solar).

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:

Alabama-Quassarte Tribal Town

Apache Tribe of Oklahoma

Arkansas Archaeological Survey

Arkansas Historical Society: State Historic Preservation Office

Caddo Nation of Oklahoma

Cherokee Nation

Choctaw Nation of Oklahoma

EPA

FEMA Floodplain Map

Muscogee (Creek) Nation

NEPAssist

Osage Nation

Quapaw Nation

US Census Data

USDA – NRCS

US Fish and Wildlife Services

7.0 REFERENCES

All supporting documentation and agency correspondence is provided in Appendices.

EPA EJScreen, last accessed April 10, 2024. https://ejscreen.epa.gov/mapper/

EPA NEPAssist tool, last accessed April 10, 2024.
https://nepassisttool.epa.gov/nepassist/nepamap.aspx

FEMA Flood Plain Map, last accessed March 21, 2024. https://msc.fema.gov/portal/home

Flat Earth Archeology, LLC. "A Phase I Cultural Resources Survey for the Proposed Today's Power – Sun Cloud Solar facility in Johnson County, Arkansas" May 2024.

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

Tribal Directory Assessment Tool (TDAT), last accessed May 10, 2024. https://egis.hud.gov/tdat/

United States Census Bureau, accessed May 13, 2024.
https://data.census.gov/table/DECENNIALPL2020.P1?q=Johnson%20County%20Arkansas

US Fish and Wildlife Services– Information for Planning and Consultation, last accessed April 10, 2024. https://ipac.ecosphere.fws.gov/

US Fish and Wildlife Services – National Wetlands Inventory, last accessed March 21, 2024.
https://www.fws.gov/wetlands/data/mapper.html

USGS National Map, last accessed April 10, 2024. https://apps.nationalmap.gov/viewer/

Rapid Avian Information Locator (RAIL), last accessed April 11, 2024.
https://data.pointblue.org/apps/rail/

8.0 LIST OF PREPARERS

This EA was prepared by:

Matthew Miller, PE

Vice President, Toth & Associates

Will Deckard, PE

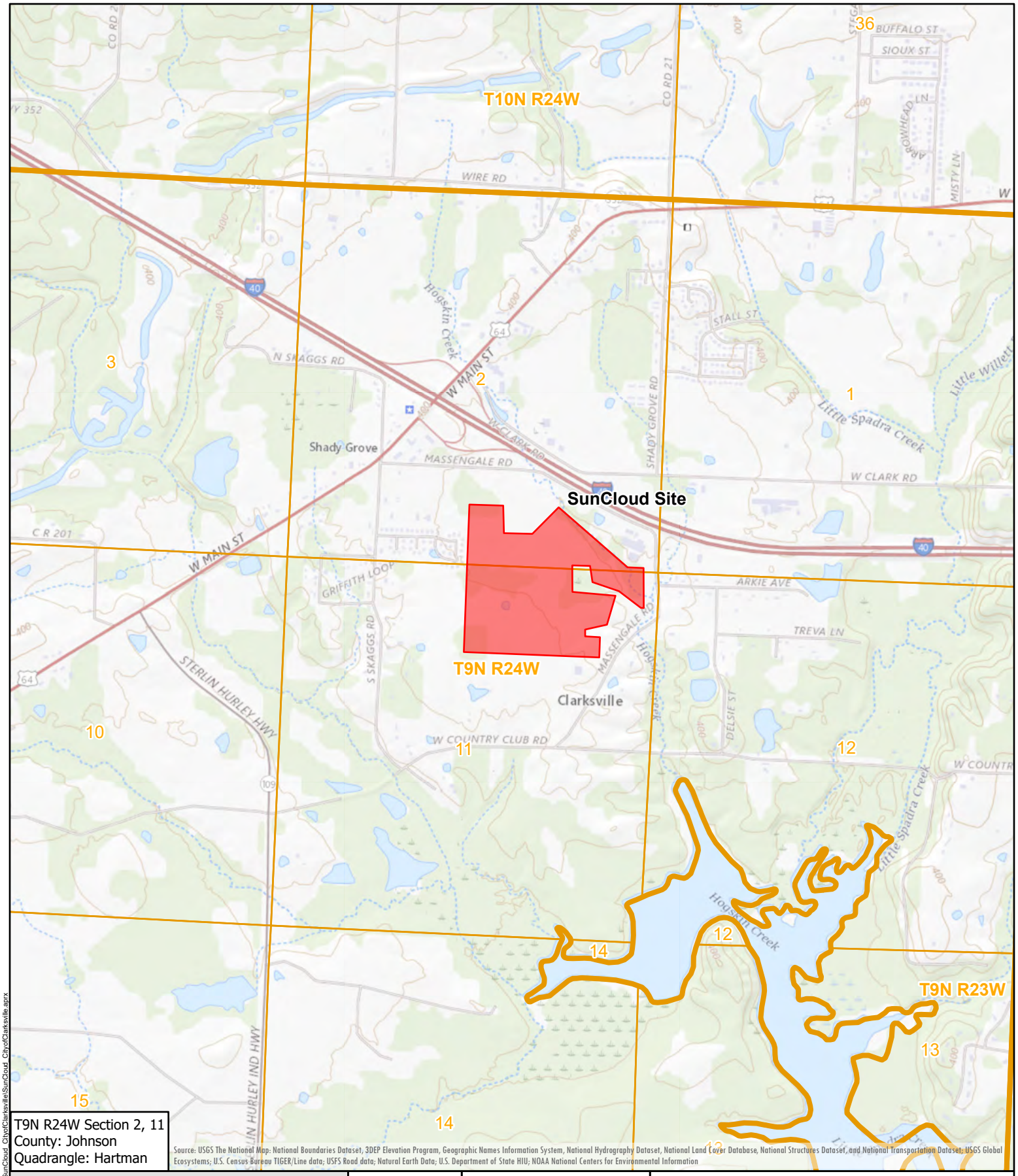
Engineer, Toth & Associates

Kathrine Alvarez

Intern, Toth & Associates

ENVIRONMENTAL ASSESSMENT APPENDICES

APPENDIX A



T9N R24W Section 2, 11
County: Johnson
Quadrangle: Hartman

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 HIU; NOAA National Centers for Environmental Information

- 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

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

Map by: mgaines
Date: 3/21/2024

TODAY'S POWER

NORTH LITTLE ROCK, ARKANSAS
PULASKI

City of Clarksville - SunCloud Site

USGS Topographic

0 1,800 Feet

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APPENDIX B

VIA EMAIL

May 13, 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 Clarksville Sun Cloud Solar Project located in Johnson County, Arkansas. This activity will not affect the use of 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.

Sincerely,

Greta Grishanova
Soil Scientist

Enclosure

U.S. Department of Agriculture

FARMLAND CONVERSION IMPACT RATING

PART I *(To be completed by Federal Agency)*	Date Of Land Evaluation Request 5/10/204
Name of Project City of Clarksville - Sun Cloud Solar Faci	Federal Agency Involved USDA - Rural Utilities Service
Proposed Land Use Power Generation	County and State Johnson County, Arkansas
PART II *(To be completed by NRCS)*	Date Request Received By NRCS 510/2024 / Person Completing Form: Greta Grishanova

Does the site contain Prime, Unique, Statewide or Local Important Farmland? *(If no, the FPPA does not apply - do not complete additional parts of this form)*	YES ☐ NO ☑	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	

PART III *(To be completed by Federal Agency)*	Alternative Site Rating			
	Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly	90			
B. Total Acres To Be Converted Indirectly				
C. Total Acres In Site				
PART IV *(To be completed by NRCS)* 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				
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)				

PART VI *(To be completed by Federal Agency)* Site Assessment Criteria *(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)*	**Maximum Points**	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				
PART VII ***(To be completed by Federal Agency)***					
Relative Value Of Farmland *(From Part V)*	100				
Total Site Assessment *(From Part VI above or local site assessment)*	160				
TOTAL POINTS *(Total of above 2 lines)*	260				

Site Selected:	Date Of Selection	Was A Local Site Assessment Used? YES ☐ NO ☐

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**,** 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.

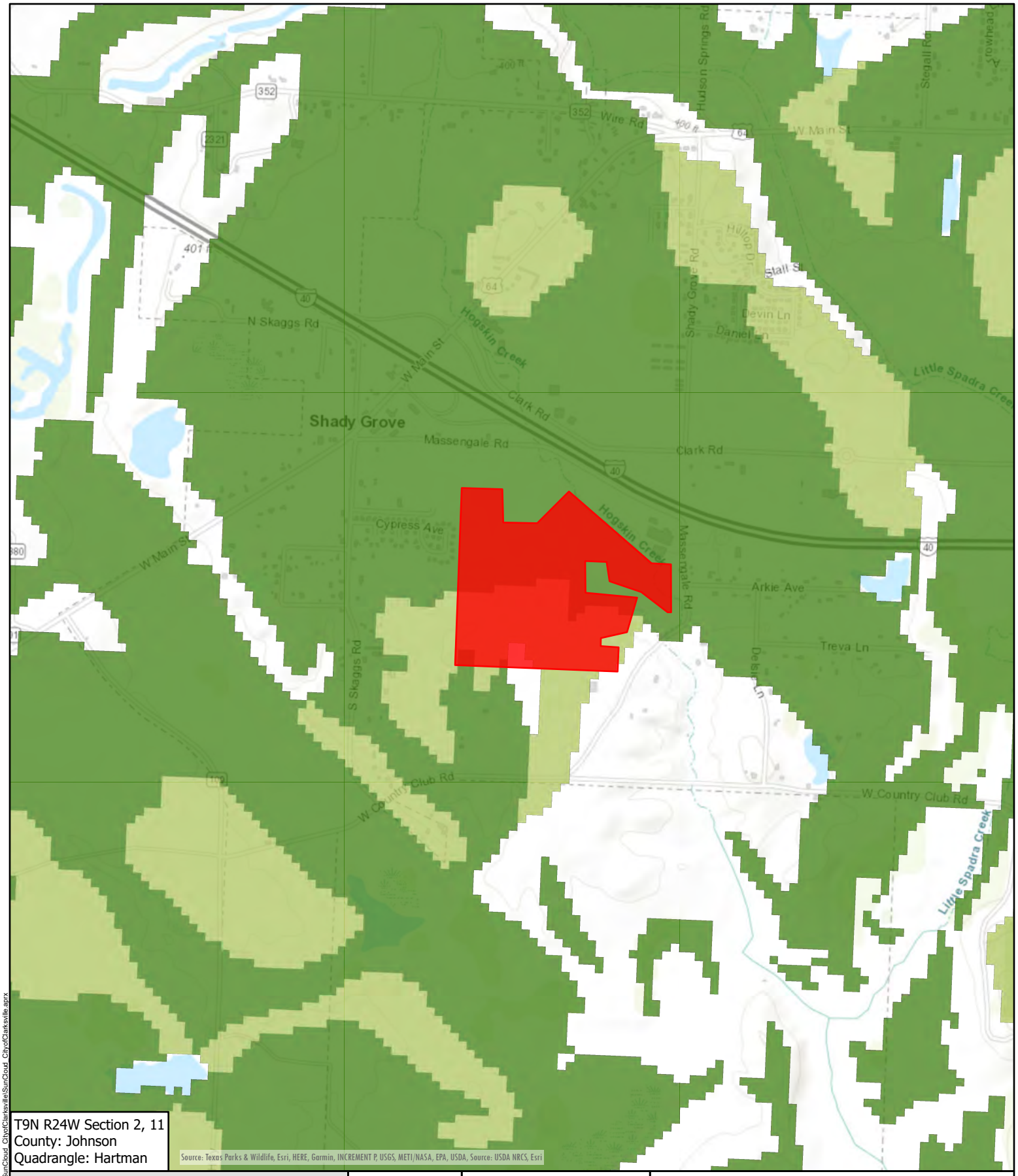
2. Federal agencies may assign relative weights among the 12 site assessment criteria other than those shown on the FPPA rule after submitting individual agency FPPA policy for review and comment to NRCS. In all cases where other weights are assigned, relative adjustments must be made to maintain the 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:

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

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.



Area of Potential Effects

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: 3/21/2024

TODAY'S POWER

NORTH LITTLE ROCK, ARKANSAS
PULASKI

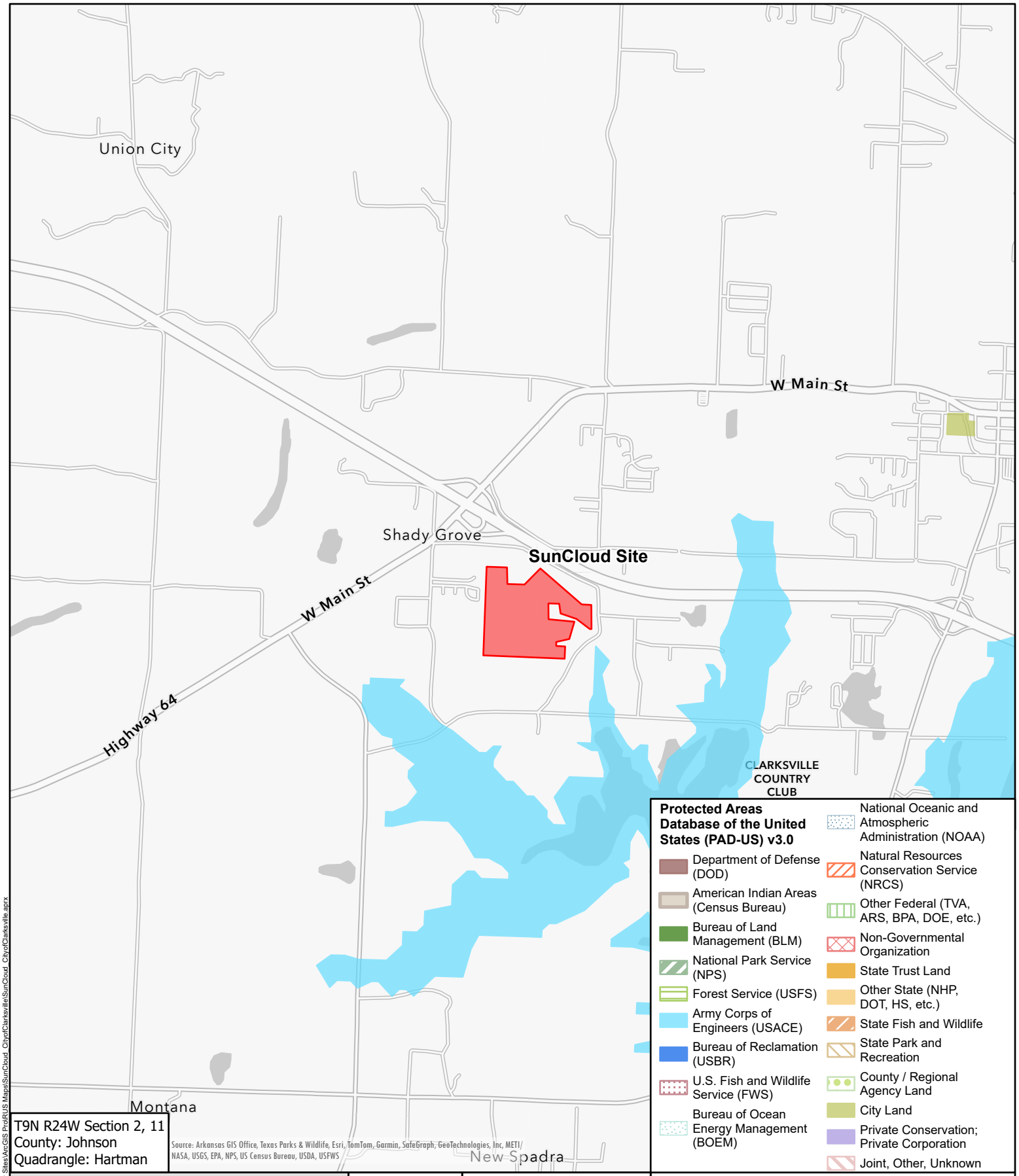
City of Clarksville - SunCloud Site

Important Farmland

0 1,500 Feet

O:\Today's Power\GIS\ArcGIS Pro\RUS Maps\SunCloud_CityofClarksville\SunCloud_CityofClarksville.aprx

APPENDIX C



T9N R24W Section 2, 11
County: Johnson
Quadrangle: Hartman

Source: Arkansas GIS Office, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Area of Potential Effects

N
W E
GIS SERVICES PROVIDED BY
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: 5/31/2024

TODAY'S POWER

NORTH LITTLE ROCK, ARKANSAS
PULASKI

City of Clarksville - SunCloud Site

PAD-US v3.0:
Manager Name

0 3,000 Feet

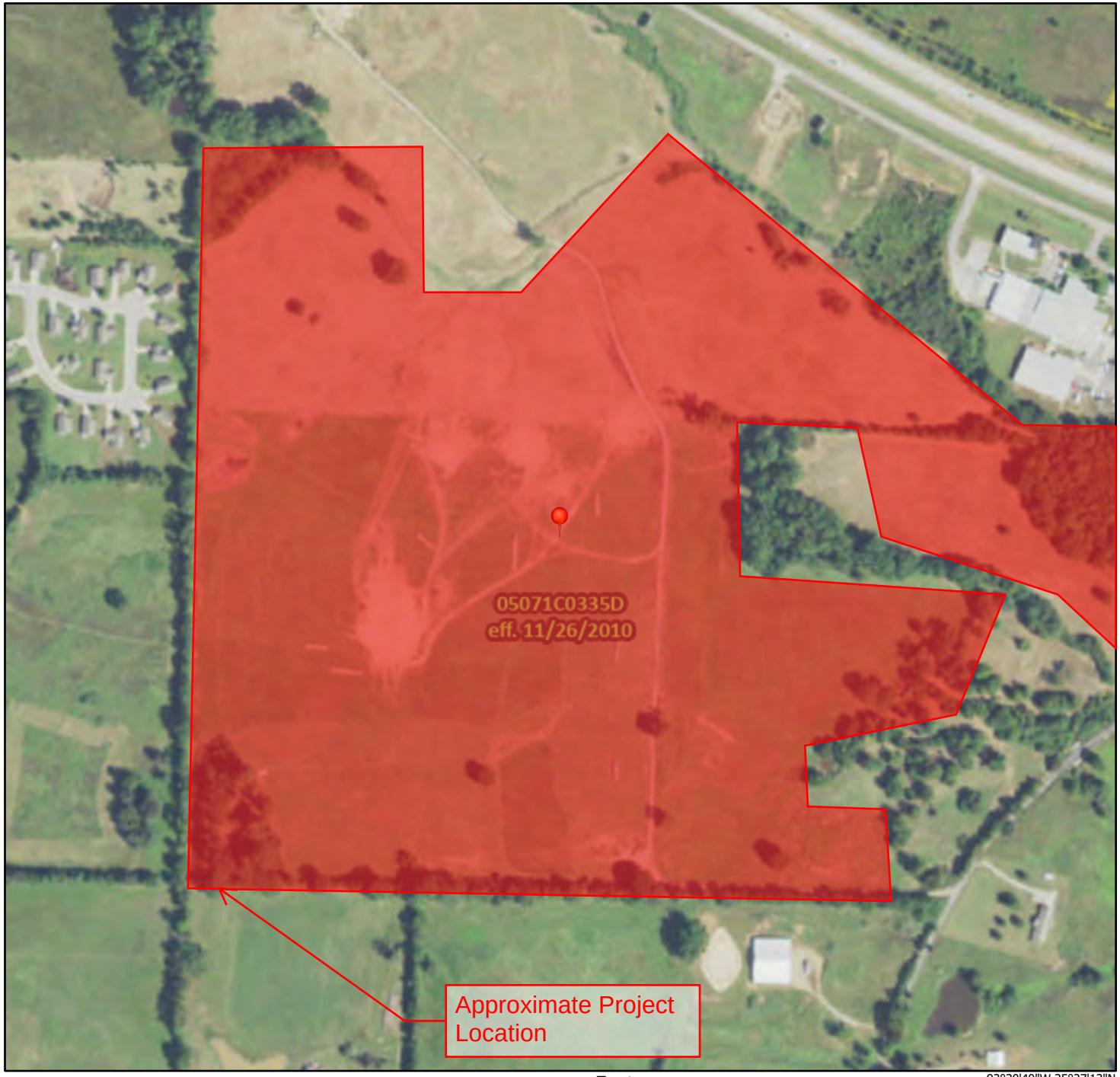
K:\GIS_Projects\03_AR\TP_TodaysPower\Solar_Sites\ArcGIS Pro\RUS Maps\SunCloud_CityofClarksville\SunCloud_CityofClarksville.aprx

APPENDIX D

National Flood Hazard Layer FIRMette

FEMA

93°31'17"W 35°27'42"N



93°30'40"W 35°27'13"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
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- B 20.2 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

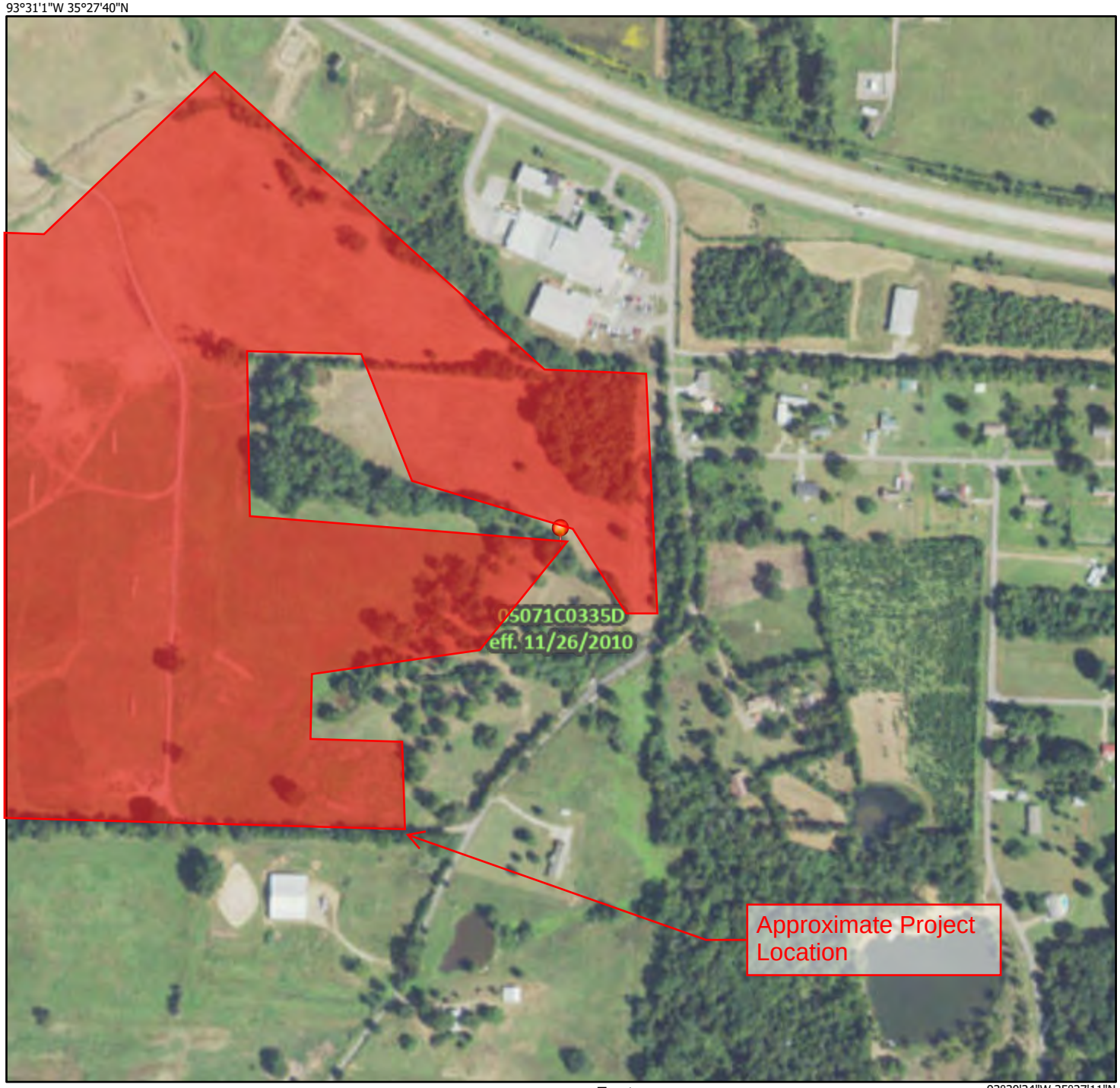
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/21/2024 at 4:40 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.

National Flood Hazard Layer FIRMette

FEMA

93°31'1"W 35°27'40"N



93°30'24"W 35°27'11"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*
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- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

N

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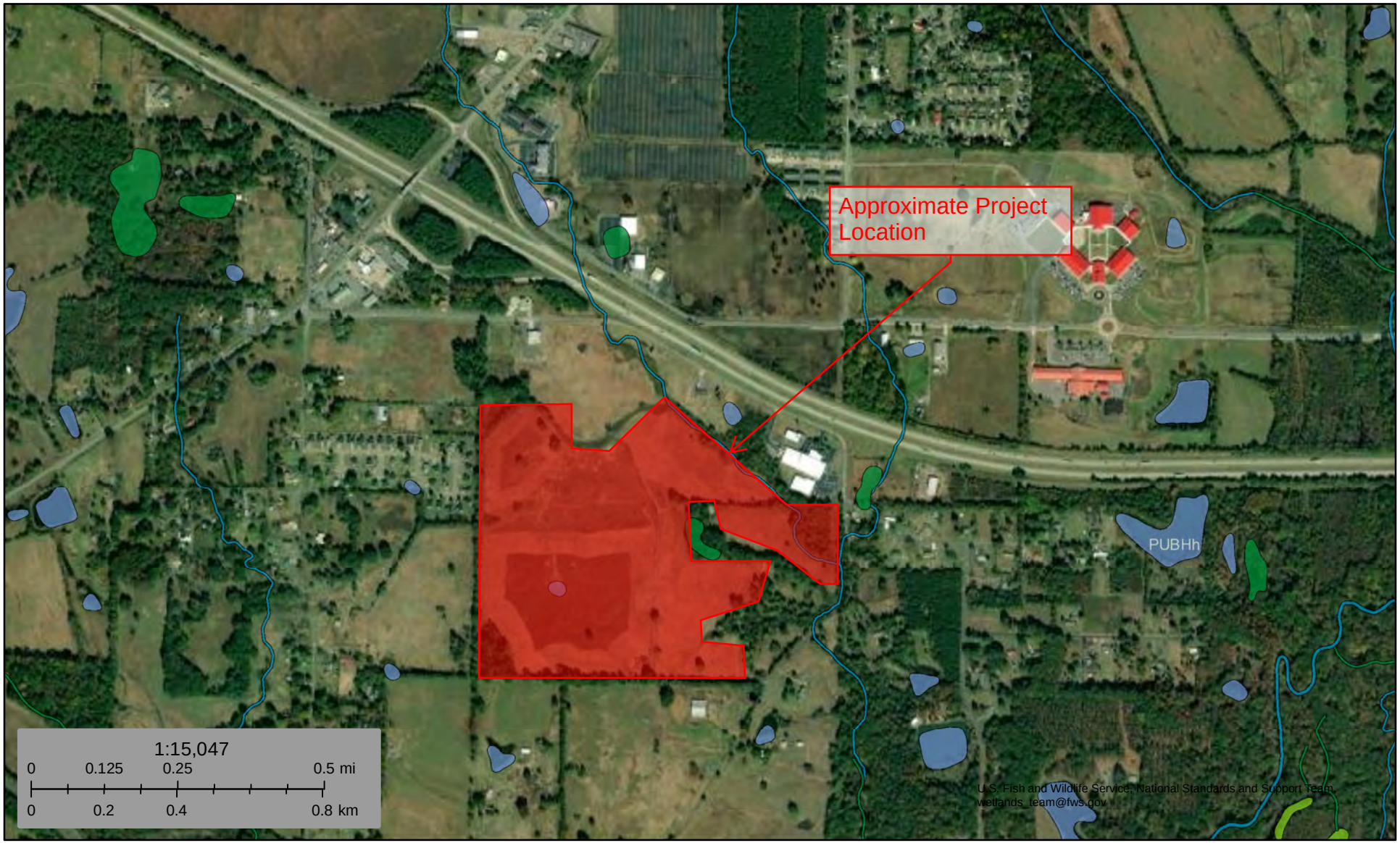
APPENDIX E

U.S. Fish and Wildlife Service
National Wetlands Inventory

USFWS Wetlands Mapper



March 21, 2024

Wetlands

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Today's Power, Inc.
City of Clarksville Solar Facility
Aerials 2012-2023

October 2012 Aerial

Today's Power, Inc.
City of Clarksville Solar Facility
Aerials 2012-2023

October 2015 Aerial

Today's Power, Inc.
City of Clarksville Solar Facility
Aerials 2012-2023

November 2019 Aerial

Today's Power, Inc.
City of Clarksville Solar Facility
Aerials 2012-2023

August 2023 Aerial

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: 08/15/2024 14:40:11 UTC
Project Code: 2024-0075047
Project Name: Sun Cloud

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: 2024-0075047
Project Name: Sun Cloud
Project Type: New Constr - Above Ground
Project Description: Solar Facility
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@35.4582471,-93.51718082498427,14z

Counties: Johnson County, Arkansas

ENDANGERED SPECIES ACT SPECIES

There is a total of 10 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[1], 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 *Myotis grisescens* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6329	Endangered
Indiana Bat *Myotis sodalis* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Tricolored Bat *Perimyotis subflavus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

BIRDS

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

REPTILES

NAME	STATUS
Alligator Snapping Turtle *Macrochelys temminckii* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4658	Proposed Threatened

INSECTS

NAME	STATUS
American Burying Beetle *Nicrophorus americanus* Population: Wherever found, except where listed as an experimental population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/66	Threatened
Monarch Butterfly *Danaus plexippus* No critical habitat has been designated for this species.	Candidate

NAME	STATUS
Species profile: https://ecos.fws.gov/ecp/species/9743	

FLOWERING PLANTS

NAME	STATUS
Missouri Bladderpod *Physaria filiformis*	Threatened
No critical habitat has been designated for this species.	
Species profile: https://ecos.fws.gov/ecp/species/5361	

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: 04/10/2024 14:54:20 UTC
Project code: 2024-0075047
Project Name: Sun Cloud

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

Subject: Record of project representative's no effect determination for 'Sun Cloud'

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 April 10, 2024, for 'Sun Cloud' (here forward, Project). This project has been assigned Project Code 2024-0075047 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
- American Burying Beetle *Nicrophorus americanus* Threatened
- 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
- 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 2024-0075047 associated with this Project.

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

1. Name

Sun Cloud

2. Description

The following description was provided for the project 'Sun Cloud':

Solar Facility

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@35.457963750000005,-93.51718032007004,14z

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

   No

10. [Semantic] Is the action area located within 0.5 miles of a known northern long-eared bat hibernaculum?

    Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

    Automatically answered
    No

11. Does the action area contain any caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, or tunnels that could provide habitat for hibernating northern long-eared bats?

    No

12. Does the action area contain or occur within 0.5 miles of (1) talus or (2) anthropogenic or naturally formed rock crevices in rocky outcrops, rock faces or cliffs?

    No

13. Is suitable summer habitat for the northern long-eared bat present within 1000 feet of project activities?
    (If unsure, answer "Yes.")

    Note: If there are trees within the action area that are of a sufficient size to be potential roosts for bats (i.e., live trees and/or snags ≥3 inches (12.7 centimeter) dbh), answer "Yes". If unsure, additional information defining suitable summer habitat for the northern long-eared bat can be found at: https://www.fws.gov/media/northern-long-eared-bat-assisted-determination-key-selected-definitions

    No

PROJECT QUESTIONNAIRE

Will all project activities by 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: 06/03/2024 20:16:53 UTC
Project code: 2024-0075047
Project Name: Sun Cloud

Subject: Consistency letter for 'Sun Cloud' 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 **June 03, 2024** your effect determination(s) for the 'Sun Cloud' (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**
American Burying Beetle (*Nicrophorus americanus*)	Threatened	No effect
Eastern Black Rail (*Laterallus jamaicensis ssp. jamaicensis*)	Threatened	No effect
Gray Bat (*Myotis grisescens*)	Endangered	NLAA
Indiana Bat (*Myotis sodalis*)	Endangered	May affect
Missouri Bladderpod (*Physaria filiformis*)	Threatened	No effect
Piping Plover (*Charadrius melodus*)	Threatened	No effect
Rufa Red Knot (*Calidris canutus rufa*)	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, 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, 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

Sun Cloud

2. Description

The following description was provided for the project 'Sun Cloud':

Solar Facility

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@35.457963750000005,-93.51718032007004,14z

Species Protection Measures
Gray Bat
https://www.fws.gov/southeast/pdf/species-protective-measures/gray-bat.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 designated critical habitat for Ouachita Fanshell?

   Automatically answered
   No

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

    Automatically answered
    Yes

11. Have you determined that the proposed action will have “no effect” on the American burying beetle? (If you are unsure select "No")

    No

12. Will your activity **purposefully take** American burying beetles?

    No

13. [Semantic] Is your project wholly inside the 4d rule Analysis Area? For areas of your project occurring inside the Analysis Area (New England, Northern Plains, Southern Plains), your project may qualify for exemptions. For areas of your project occurring outside the Analysis Area, all incidental take is exempted according to the ABB 4d Rule.

    Automatically answered
    Yes

14. Is American burying beetle suitable habitat present within the action area?

    No

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

    Automatically answered
    No

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

    Automatically answered
    Yes

17. Will the project take place in freshwater herbaceous wetlands and/or wet prairies?

    No

18. [Semantic] Does the project intersect the red knot AOI?

    Automatically answered
    Yes

19. Will the project affect sand and gravel areas or shorelines along rivers, lakes, or reservoirs?

    No

20. Does the project take place in marshy or flooded open field habitat?

    No

21. [Semantic] Does the project intersect the Piping Plover AOI?

    Automatically answered
    Yes

22. [Semantic] Does the project intersect the Whooping Crane AOI?

    Automatically answered
    No

23. [Semantic] Does the project intersect the interior least tern AOI?

    Automatically answered
    No

24. [Semantic] Does the project intersect the Gray Bat AOI?

    Automatically answered
    Yes

25. Are there any caves within 0.5 mile of the project area?

    No

26. Does the project involve blasting of any type or tree removal of greater than 10 acres?

    Yes

27. Does the project involve blasting of any type?

    No

28. [Semantic] Does the project intersect the Gray Bat 1-mile buffer?

    Automatically answered
    No

29. 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

30. Will the project proponents follow all applicable species protective measures for Gray Bats?

    Yes

31. [Semantic] Does the project intersect the Ozark Big-eared Bat AOI?

    Automatically answered
    No

32. [Semantic] Does the project intersect the Indiana bat AOI?

    Automatically answered
    Yes

33. [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

34. [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
    Yes

35. [Semantic] Does the project intersect the Benton County Cave Crayfish AOI?

    Automatically answered
    No

36. [Semantic] Does the project intersect the Hell Creek Cave Crayfish AOI?

    Automatically answered
    No

37. [Semantic] Does the project intersect the Ozark cavefish AOI?

    Automatically answered
    No

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

    Automatically answered
    Yes

39. 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)?

    No

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

    Automatically answered
    No

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

    Automatically answered
    No

42. [Semantic] Does the project intersect the interior least tern range?

    Automatically answered
    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

Will Deckard

From: Kathrine Alvarez
Sent: Thursday, August 15, 2024 7:10 AM
To: Will Deckard
Subject: FW: XNA Solar Concurrence Letter
Attachments: 20240808_ConcurrenceLetter_XNASolar.pdf; 20240808 _ConcurrenceLetter_ClarksvilleSolar.pdf

These came in yesterday.

Kathrine Alvarez
Civil Intern

1550 East Republic Road
Springfield, MO 65804
Office: 417.888.0645
Fax: 417.888.0657
tothassociates.com

From: Huffstutler, Garett L <garett_huffstutler@fws.gov>
Sent: Wednesday, August 14, 2024 4:21 PM
To: Kathrine Alvarez <kalvarez@tothassociates.com>
Subject: XNA Solar Concurrence Letter

EXTERNAL EMAIL

Hi Katherine,

I've attached the concurrence letters for the XNA and Clarksville solar projects. 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

Will Deckard

From: Will Deckard
Sent: Wednesday, July 24, 2024 7:25 AM
To: Ardapple-Kindberg, Pedro; Huffstutler, Garett L
Cc: Kathrine Alvarez; Matt Miller
Subject: RE: [EXTERNAL] City of Clarksville (Suncloud) Solar Facility

Good morning — Pedro,

TPI will limit all tree clearing to outside the May 15-July 31 window you outlined.

Thank you,

Will Deckard PE
Planning Engineer

1550 E. Republic Road
Springfield, MO 65804
Office: 417.888.0645
Fax: 417.888.0657
tothassociates.com

From: Ardapple-Kindberg, Pedro <pedro_ardapple-kindberg@fws.gov>
Sent: Tuesday, July 23, 2024 9:20 AM
To: Will Deckard <wdeckard@tothassociates.com>; Huffstutler, Garett L <garett_huffstutler@fws.gov>
Cc: Kathrine Alvarez <kalvarez@tothassociates.com>; Matt Miller <mmiller@tothassociates.com>
Subject: Re: [EXTERNAL] City of Clarksville (Suncloud) Solar Facility

EXTERNAL EMAIL

That is sufficient for what I need. There have been several bat surveys conducted adjacent to that site. They did not detect Indiana or Northern long-eared bats, but did detect tricolored bats. The tricolored bat is currently proposed for listing as endangered. The Service's first recommendation is avoiding removal of suitable habitat during the pup season (May 15-July 31st) to avoid adverse effects to tricolored bats. Can you commit to clearing suitable habitat outside of the pup season?
Thank you,
Pedro

From: Will Deckard <wdeckard@tothassociates.com>
Sent: Tuesday, July 23, 2024 8:50 AM
To: Ardapple-Kindberg, Pedro <pedro_ardapple-kindberg@fws.gov>; Huffstutler, Garett L <garett_huffstutler@fws.gov>
Cc: Kathrine Alvarez <kalvarez@tothassociates.com>; Matt Miller <mmiller@tothassociates.com>
Subject: RE: [EXTERNAL] City of Clarksville (Suncloud) Solar Facility

Pedro,

I currently only have a kml file showing the site boundary. I do not have a full site plan. Hopefully this is sufficient.

Thank you,

Will Deckard PE

Planning Engineer

1550 E. Republic Road

Springfield, MO 65804
Office: 417.888.0645

Fax: 417.888.0657

tothassociates.com

From: Ardapple-Kindberg, Pedro <pedro_ardapple-kindberg@fws.gov>
Sent: Tuesday, July 23, 2024 8:47 AM
To: Will Deckard <wdeckard@tothassociates.com>; Huffstutler, Garett L <garett_huffstutler@fws.gov>
Cc: Kathrine Alvarez <kalvarez@tothassociates.com>; Matt Miller <mmiller@tothassociates.com>
Subject: Re: [EXTERNAL] City of Clarksville (Suncloud) Solar Facility

EXTERNAL EMAIL

Good morning Will,

Do you have project plans, boundaries or a map so that I can see where this is occurring?

Thanks,

Pedro

From: Will Deckard <wdeckard@tothassociates.com>
Sent: Tuesday, July 23, 2024 8:30 AM
To: Huffstutler, Garett L <garett_huffstutler@fws.gov>; Ardapple-Kindberg, Pedro <pedro_ardapple-kindberg@fws.gov>
Cc: Kathrine Alvarez <kalvarez@tothassociates.com>; Matt Miller <mmiller@tothassociates.com>
Subject: [EXTERNAL] City of Clarksville (Suncloud) Solar Facility

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

Good Morning — Garett and Pedro,

I have received additional information on the City of Clarksville (Suncloud) project for your consideration regarding the MA determination on the Indiana Bat.

Clarksville information

1. the acreage of the project: 90 acres
2. the type of ground cover: Native habitat (currently a hay field)
3. 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. Reach out to Learon Dalby with guidance regarding this.

I believe we had originally conservatively stated that 10 acres or more of tree clearing would be required. I believe we are either right at that 10 acres or more likely closer to 8 or 9 acres based on satellite imagery. The project area is predominantly grassy/hay field. Please let us know if there are any additional requirements to avoid potential effects to the Indiana Bat.

Thank you,

Will Deckard PE

Planning Engineer

1550 E. Republic Road

Springfield, MO 65804
Office: 417.888.0645

Fax: 417.888.0657

tothassociates.com

IN REPLY REFER TO:

United States Department of the Interior

FISH AND WILDLIFE SERVICE
110 S. Amity Road, Suite 300
Conway, Arkansas 72032
Tel.: 501/513-4470 Fax: 501/513-4480

August 8, 2024

Kathrine Alvarez
Toth Associates
1150 East Republic Road
Springfield, MO 65804

Dear Ms. Alvarez:

The U.S. Fish and Wildlife Service (Service) reviewed your IPaC Consistency letter (2024-0075047) sent via email on August 8, 2024, concerning the proposed construction of the Sun Cloud solar facility in Johnson County, Arkansas. Our comments are submitted in accordance with the Endangered Species Act of 1973 (87 Stat. 884, as amended 16 U.S.C. 1531 et seq.).

The Service concurs with your determination that this project "may affect, but is not likely to adversely affect" the Gray Bat (*Myotis grisescens*) or th Indiana Bat (*Myotis sodalis*). Consultation has been completed for all other species that may occur in your project area via IPaC.

We appreciate your interest in the conservation of threatened and endangered species. If you have any questions, please contact Garett Huffstutler at 501-764-6811 or at garett_huffstutler@fws.gov.

Sincerely,

CHRISTOPHER DAVIDSON

Digitally signed by CHRISTOPHER DAVIDSON
Date: 2024.08.14 14:01:48 -05'00'

For Jason Hight
Field Supervisor

APPENDIX G

Species Results

BCR(s): 25-WEST_GULF_COASTAL_PLAIN/OUACHITAS
State(s): AR

Acadian Flycatcher
Empidonax virescens

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

State Threatened: WI

Alpha Code

Alpha Code[1]: ACFL

Physical Details

Weight[2]: 11.1 - 13.9 g

Length[2]: 14 - 15 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 5,200,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 4,700,000
Upper 95% Bound USA & Canada[3]: 5,800,000

Continental Population Trend[4]: Small increase or stable

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 7.88%
Lower 95% Bound BCR[3]: BCR 25 - 300,000
Upper 95% Bound BCR[3]: BCR 25 - 550,000

% State Population (USA only)[3]: AR - 5.58%
Lower 95% Bound State[3]: AR - 180,000

Upper 95% Bound State[3]: AR - 410,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Flycatching

Nesting Category[2]: Tree

Incubation Period[2]: 13 - 15 days

Clutch Size[2]: 2 - 3 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Creamy to buffy white with some small brownish spots at larger end.

Egg length[2]: 1.6 - 2 cm

Egg width[2]: 1.2 - 1.5 cm

Breeding time-frame - Start[5]: 15-May

Breeding time-frame - Stop[5]: 15-Aug

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: WI

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

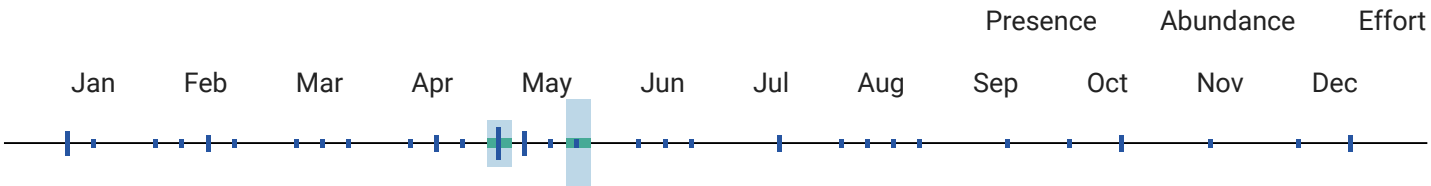
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Not applicable

BCRs where BCC Breeding[9]: Not applicable

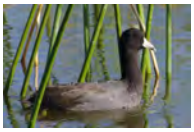
BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.



American Coot

Fulica americana

Global: 7,100,000
Continental U.S. & Canada: 5,500,000

BCRBCC Non Breeding: 101

Alpha Code

Alpha Code[1]: AMCO

Physical Details

Weight[2]: 600 - 700 g

Length[2]: 39.4 - 42.9 cm

Habitat

Habitat Category[2]: Lakes and Ponds

Population Information

Global Population[4]: 7,100,000

Primary Breeding Habitat[4]*:* Wetlands, Freshwater Marsh

% Population Estimate USA & Canada[4]*:* 77.46%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Plants

Behavior Category[2]*:* Surface Dive

Nesting Category[2]*:* Floating

Incubation Period[2]*:* 23 - 25 days

Clutch Size[2]*:* 8 - 12 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Buff, pinkish buff or buff-gray speckled with dark brown, purplish brown, or black.

Egg length[2]*:* 4.3 - 5.5 cm

Egg width[2]*:* 2 - 3.7 cm

Breeding time-frame - Start[5]*:* 1-May

Breeding time-frame - Stop[5]*:* 31-Jul

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

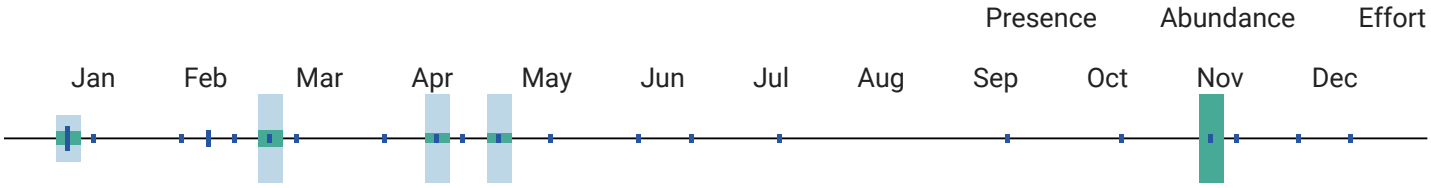
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes - ssp. americana only

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* 101

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

American Crow

Corvus brachyrhynchos

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

Common

Alpha Code

Alpha Code[1]: AMCR

Physical Details

Weight[2]: 316 - 620 g

Length[2]: 40 - 53 cm

Habitat

Habitat Category[2]: Open Woodlands

Primary Breeding Habitat[4]: Open Country, Habitat Mosaic

Population Information

Global Population[4]: 29,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 26,000,000
Upper 95% Bound USA & Canada[3]: 30,000,000

Continental Population Trend[4]: Small or uncertain decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 4.48%
Lower 95% Bound BCR[3]: BCR 25 - 990,000
Upper 95% Bound BCR[3]: BCR 25 - 1,600,000

% State Population (USA only)[3]: AR - 2.21%
Lower 95% Bound State[3]: AR - 470,000
Upper 95% Bound State[3]: AR - 860,000

Biology

Food Category[2]: Omnivore

Behavior Category[2]: Ground Forager

Nesting Category[2]: Tree

Incubation Period[2]: 16 - 18 days

Clutch Size[2]: 3 - 9 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Pale bluish-green to olive green with blotches of brown and gray toward the large end.

Egg length[2]: 3.6 - 4.7 cm

Egg width[2]: 2.6 - 3.1 cm

Breeding time-frame - Start[5]: Not yet available

Breeding time-frame - Stop[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

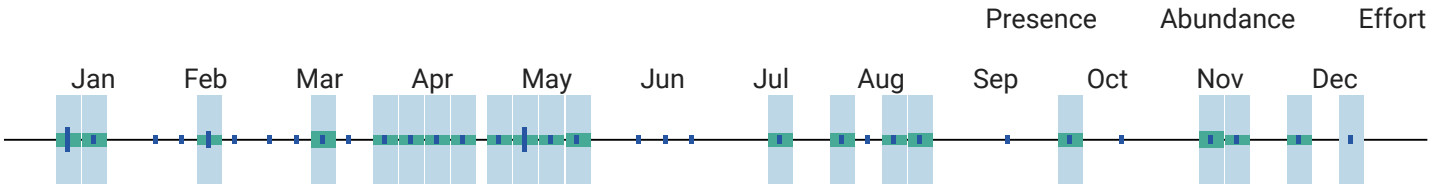
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Not applicable

BCRs where BCC Breeding[9]: Not applicable

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]: AMGO

Physical Details

Weight[2]: 11 - 20 g

Length[2]: 11 - 13 cm

Habitat

Habitat Category[2]: Open Woodlands

Primary Breeding Habitat[4]: Open Country, Habitat Mosaic

Population Information

Global Population[4]: 44,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 42,000,000
Upper 95% Bound USA & Canada[3]: 47,000,000

Continental Population Trend[4]: Small or uncertain decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 0.08%
Lower 95% Bound BCR[3]: BCR 25 - 17,000
Upper 95% Bound BCR[3]: BCR 25 - 62,000

% State Population (USA only)[3]: AR - 0.50%
Lower 95% Bound State[3]: AR - 99,000
Upper 95% Bound State[3]: AR - 430,000

Biology

Food Category[2]: Seeds

Behavior Category[2]: Foliage Gleaner

Nesting Category[2]: Shrub

Incubation Period[2]: 12 - 14 days

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

Clutch Size[2]*:* 2 - 7 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Pale bluish white, sometimes with small faint brown spots around large end.

Egg length[2]*:* 1.62 - 1.69 cm

Egg width[2]*:* 1.22 - 1.28 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

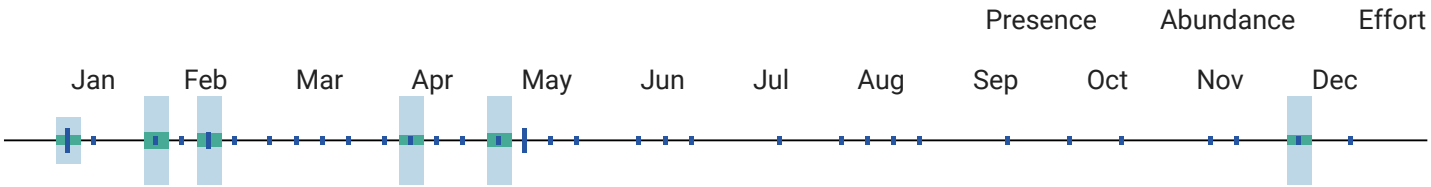
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* AMKE

Physical Details

Weight[2]*:* 80 - 165 g

Length[2]*:* 22 - 31 cm

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 9,200,000

% Population Estimate USA & Canada[4]*:* 30.43%
Lower 95% Bound USA & Canada[3]: 2,600,000
Upper 95% Bound USA & Canada[3]: 3,100,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.07%
Lower 95% Bound BCR[3]: BCR 25 - 1,400
Upper 95% Bound BCR[3]: BCR 25 - 13,000

% State Population (USA only)[3]*:* AR - 0.11%
Lower 95% Bound State[3]: AR - 2,500
Upper 95% Bound State[3]: AR - 21,000

Biology

Food Category[2]*:* Small Animals

Behavior Category[2]*:* Aerial Dive (ground/talons)

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 26 - 32 days

Clutch Size[2]*:* 4 - 5 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White to yellowish or light reddish-brown, mottled with violet-magenta, gray, or brown.

Egg length[2]*:* 3 - 3.8 cm

Egg width[2]*:* 2.4 - 2.8 cm

Breeding time-frame - Start[5]*:* 1-Apr

Breeding time-frame - Stop[5]*:* 31-Aug

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* NJ

State Endangered[7]*:* DE

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

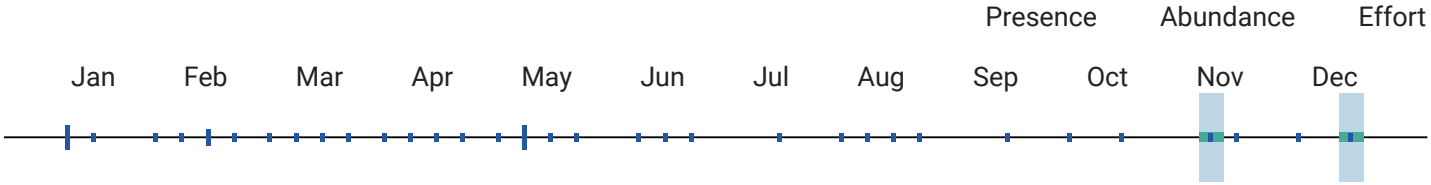
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No - ssp. paulus only

BCRs where BCC Breeding[9]*:* 25,27,31

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* AMRO

Physical Details

Weight[2]*:* 77 - 85 g

Length[2]*:* 20 - 28 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Generalist

Population Information

Global Population[4]*:* 370,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 340,000,000
Upper 95% Bound USA & Canada[3]: 390,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.12%
Lower 95% Bound BCR[3]: BCR 25 - 240,000
Upper 95% Bound BCR[3]: BCR 25 - 780,000

% State Population (USA only)[3]*:* AR - 0.24%
Lower 95% Bound State[3]: AR - 480,000
Upper 95% Bound State[3]: AR - 1,500,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 3 - 5 eggs

Number of Broods[2]*:* 1 - 3

Egg description[2]*:* Sky blue or blue-green and unmarked.

Egg length[2]*:* 2.8 - 3 cm

Egg width[2]*:* 2.1 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

BCRs where BCC Breeding[9]*:* Not applicable

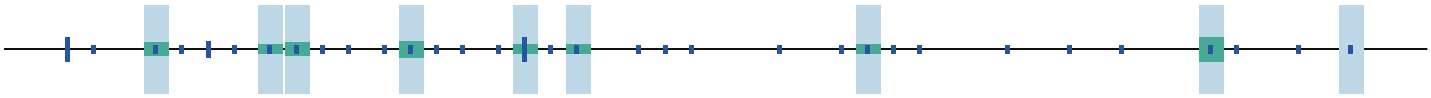
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

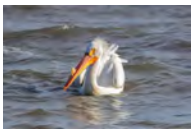
Phenology Graph

Presence Abundance Effort

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



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.



American White Pelican

Pelecanus erythrorhynchos

Global: 450,000
Continental U.S. & Canada: 410,000

State Endangered: WA

BCRBCC Breeding: 9

Alpha Code

Alpha Code[1]: AWPE

Physical Details

Weight[2]: 4500 - 9000 g

Length[2]: 127 - 165 cm

Habitat

Habitat Category[2]: Lakes and Ponds

Primary Breeding Habitat[4]: Wetlands, Lakes and Rivers

Population Information

Global Population[4]: 450,000

% Population Estimate USA & Canada[4]: 91.11%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Fish

Behavior Category[2]: Dabbler

Nesting Category[2]: Ground

Incubation Period[2]: Not yet available

Clutch Size[2]: Not yet available

Number of Broods[2]: Not yet available

Egg description[2]: Uniform chalky white, rough to the touch, becoming smooth and discolored over time.

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: WA

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

Egg length[2]*:* 8.3 - 9.5 cm

Egg width[2]*:* 5.2 - 5.5 cm

Breeding time-frame - Start[5]*:* 1-Apr

Breeding time-frame - Stop[5]*:* 31-Aug

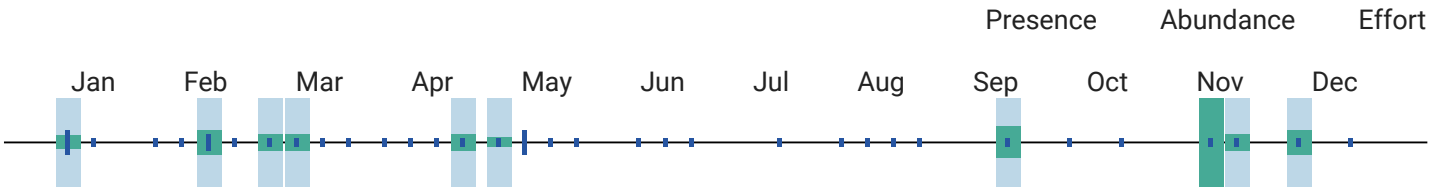
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No

BCRs where BCC Breeding[9]*:* 9

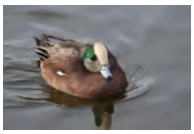
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* AMWI

Physical Details

Weight[2]*:* 540 - 1330 g

Length[2]*:* 42 - 59 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Seasonally Wet Grasslands

Population Information

Global Population[4]*:* 2,700,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Conservation Status

Food Category[2]*:* Plants

Behavior Category[2]*:* Dabbler

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 22 - 28 days

Clutch Size[2]*:* 3 - 13 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Creamy white.

Egg length[2]*:* 5.1 - 5.5 cm

Egg width[2]*:* 3.7 - 3.8 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

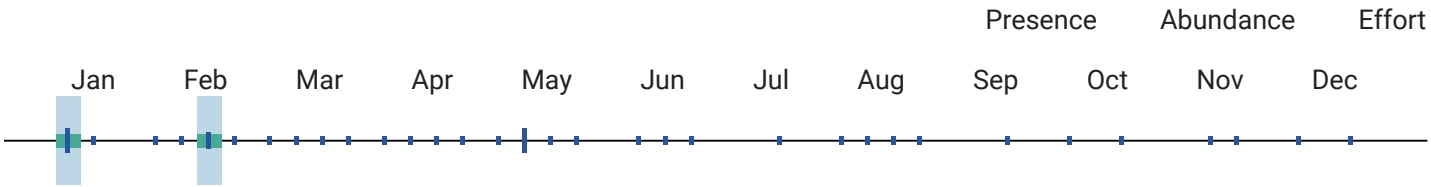
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* BAEA

Physical Details

Weight[2]*:* 3000 - 6300 g

Length[2]*:* 71 - 96 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 200,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.00%
Lower 95% Bound BCR[3]: BCR 25 - null
Upper 95% Bound BCR[3]: BCR 25 - null

% State Population (USA only)[3]*:* AR - 0.00%
Lower 95% Bound State[3]: AR - null
Upper 95% Bound State[3]: AR - null

Biology

Food Category[2]*:* Fish

Behavior Category[2]*:* Soaring (raptor)

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 34 - 36 days

Clutch Size[2]*:* 1 - 3 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Dull white, usually without markings.

Egg length[2]*:* 5.8 - 8.4 cm

Egg width[2]*:* 4.7 - 6.3 cm

Breeding time-frame - Start[5]*:* 1-Jan

Breeding time-frame - Stop[5]*:* 31-Dec

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* MA, CT, NH, NY, TX, NM, NC, SD, SC

State Endangered[7]*:* NJ, VT, CA

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

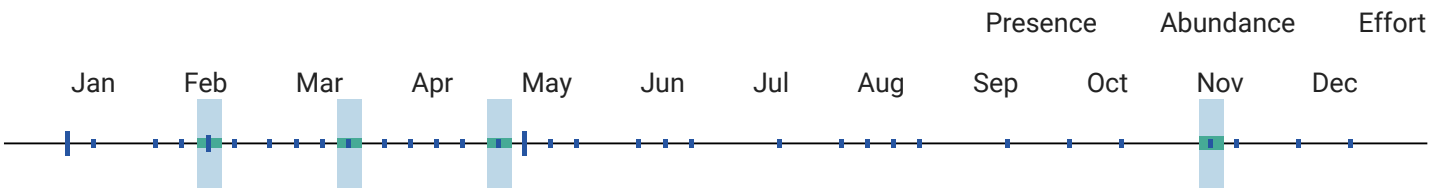
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* BAOR

Physical Details

Weight[2]*:* 30 - 40 g

Length[2]*:* 17 - 19 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 12,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 11,000,000
Upper 95% Bound USA & Canada[3]: 13,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.33%
Lower 95% Bound BCR[3]: BCR 25 - 20,000
Upper 95% Bound BCR[3]: BCR 25 - 65,000

% State Population (USA only)[3]*:* AR - 1.08%
Lower 95% Bound State[3]: AR - 65,000
Upper 95% Bound State[3]: AR - 210,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 11 - 14 days

Clutch Size[2]*:* 3 - 7 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Pale grayish or bluish white blotched with brown, black, or lavender.

Egg length[2]*:* 2.1 - 2.5 cm

Egg width[2]*:* 1.5 - 1.7 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

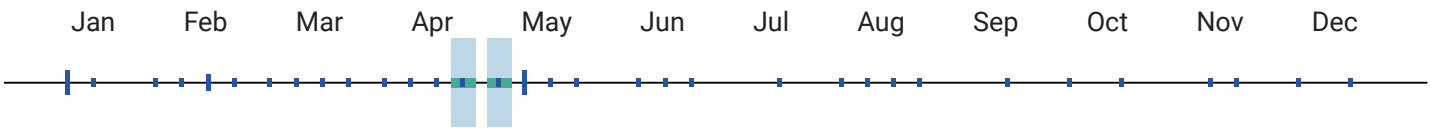
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] 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[1]: BARS

Physical Details

Weight[2]: 17 - 20 g

Length[2]: 15 - 19 cm

Habitat

Habitat Category[2]: Grasslands

Primary Breeding Habitat[4]: Open Country Aerial, Habitat Mosaic

Population Information

Global Population[4]: 190,000,000

% Population Estimate USA & Canada[4]: 24.74%
Lower 95% Bound USA & Canada[3]: 43,000,000
Upper 95% Bound USA & Canada[3]: 50,000,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 0.79%
Lower 95% Bound BCR[3]: BCR 25 - 990,000
Upper 95% Bound BCR[3]: BCR 25 - 2,500,000

% State Population (USA only)[3]: AR - 0.49%
Lower 95% Bound State[3]: AR - 570,000
Upper 95% Bound State[3]: AR - 1,400,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Aerial Forager

Nesting Category[2]: Building

Incubation Period[2]: 12 - 17 days

Clutch Size[2]: 3 - 7 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Creamy or pinkish white, spotted with brown, lavender, and gray.

Egg length[2]: 1.6 - 2.1 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 1.2 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

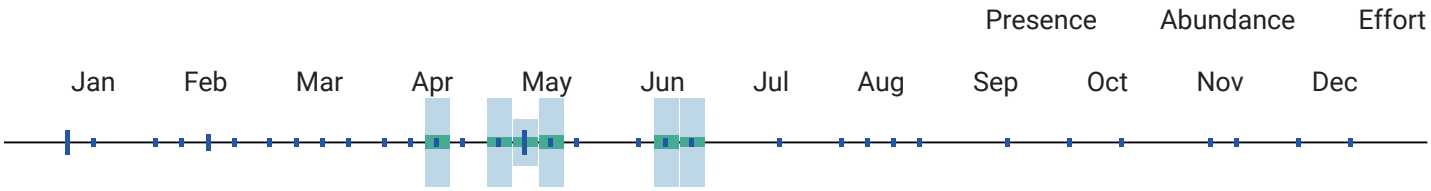
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* BEVI

Physical Details

Weight[2]*:* 7.4 - 9.8 g

Length[2]*:* 11.5 - 12.5 cm

Habitat

Habitat Category[2]*:* Scrub

Primary Breeding Habitat[4]*:* Aridlands, Desert Riparian

Population Information

Global Population[4]*:* 5,700,000

% Population Estimate USA & Canada[4]*:* 80.70%
Lower 95% Bound USA & Canada[3]: 3,600,000
Upper 95% Bound USA & Canada[3]: 5,800,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 1.93%
Lower 95% Bound BCR[3]: BCR 25 - 23,000
Upper 95% Bound BCR[3]: BCR 25 - 230,000

% State Population (USA only)[3]*:* AR - 0.42%
Lower 95% Bound State[3]: AR - 11,000
Upper 95% Bound State[3]: AR - 42,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 14 - 15 days

Clutch Size[2]*:* 2 - 4 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* White with sparse spotting.

Egg length[2]*:* 1.6 - 1.8 cm

Egg width[2]*:* 1.2 - 1.4 cm

Breeding time-frame - Start[5]*:* 15-Mar

Breeding time-frame - Stop[5]*:* 30-Sep

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* Ssp pusillus only - wherever found

State Threatened[7]*:* NM, WI

State Endangered[7]*:* CA (ssp. arizonae and pusillus only)

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

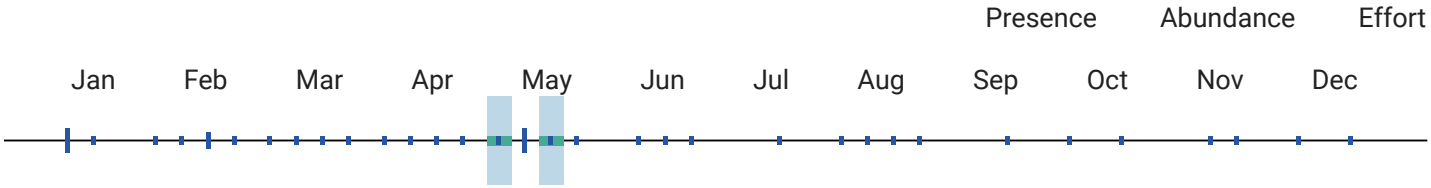
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* BEKI

Physical Details

Weight[2]*:* 140 - 170 g

Length[2]*:* 28 - 35 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 1,800,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 1,600,000

Upper 95% Bound USA & Canada[3]: 2,200,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 0.67%
Lower 95% Bound BCR[3]: BCR 25 - 6,000
Upper 95% Bound BCR[3]: BCR 25 - 20,000

% State Population (USA only)[3]: AR - 0.67%
Lower 95% Bound State[3]: AR - 5,000
Upper 95% Bound State[3]: AR - 22,000

Biology

Food Category[2]: Fish

Behavior Category[2]: Aerial Dive (water)

Nesting Category[2]: Burrow

Incubation Period[2]: 22 - 24 days

Clutch Size[2]: 5 - 8 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Pure white, smooth, and glossy.

Egg length[2]: 3 - 3.7 cm

Egg width[2]: 2.5 - 2.9 cm

Breeding time-frame - Start[5]: 15-Mar

Breeding time-frame - Stop[5]: 25-Jul

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

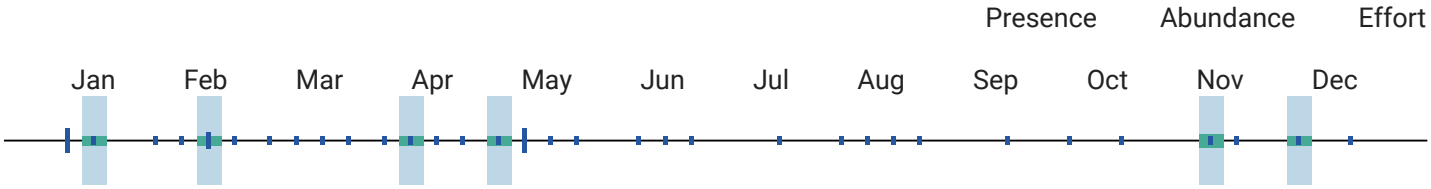
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: No

BCRs where BCC Breeding[9]: 13

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Black Scoter
Melanitta americana

Global: 900,000
Continental U.S. & Canada: 500,000

Common

Alpha Code

Alpha Code[1]*:* BLSC

Physical Details

Weight[2]*:* 862 - 1100 g

Length[2]*:* 43 - 49 cm

Habitat

Habitat Category[2]*:* Oceans

Primary Breeding Habitat[4]*:* Wetlands, Tundra

Population Information

Global Population[4]*:* 900,000

% Population Estimate USA & Canada[4]*:* 55.56%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Surface Dive

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 27 - 28 days

Clutch Size[2]*:* 8 - 9 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Off-white to pinkish buff.

Egg length[2]*:* 6.26 - 6.53 cm

Egg width[2]*:* 4.4 - 4.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Yellow Watch List; Tipping Point

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

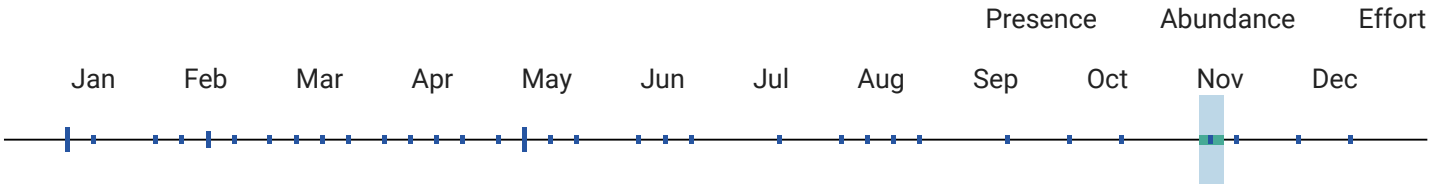
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]: BLVU

Physical Details

Weight[2]: 1600 - 2200 g

Length[2]: 60 - 68 cm

Habitat

Habitat Category[2]: Grasslands

Primary Breeding Habitat[4]: Open Country, Habitat Mosaic

Population Information

Global Population[4]: 190,000,000

% Population Estimate USA & Canada[4]: 5.05%
Lower 95% Bound USA & Canada[3]: 7,100,000
Upper 95% Bound USA & Canada[3]: 12,000,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 0.51%
Lower 95% Bound BCR[3]: BCR 25 - 410,000
Upper 95% Bound BCR[3]: BCR 25 - 1,600,000

% State Population (USA only)[3]: AR - 0.05%
Lower 95% Bound State[3]: AR - 30,000
Upper 95% Bound State[3]: AR - 200,000

Biology

Food Category[2]: Carrion

Behavior Category[2]: Soaring (raptor)

Nesting Category[2]: Cliff

Incubation Period[2]: 38 - 39 days

Clutch Size[2]: 1 - 3 eggs

Number of Broods[2]: 1

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Egg description[2]*:* Pale green or sometimes bluish white, usually with a few large brown blotches on the larger end.

Egg length[2]*:* 6.6 - 9 cm

Egg width[2]*:* 4.5 - 5.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

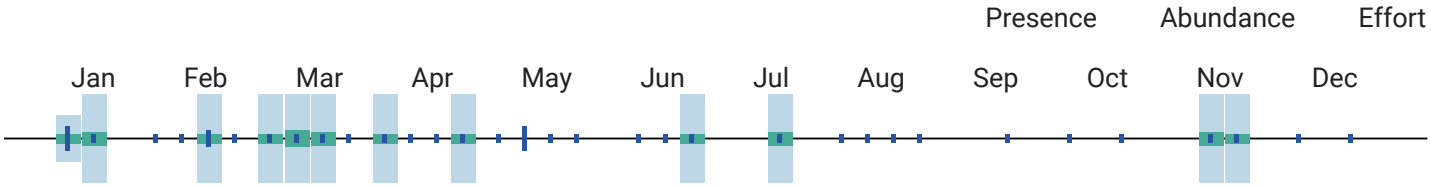
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* BAWW

Physical Details

Weight[2]*:* 8 - 15 g

Length[2]*:* 11 - 13 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 18,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 16,000,000
Upper 95% Bound USA & Canada[3]: 20,000,000

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 2.39%
Lower 95% Bound BCR[3]: BCR 25 - 290,000
Upper 95% Bound BCR[3]: BCR 25 - 610,000

% State Population (USA only)[3]*:* AR - 2.39%
Lower 95% Bound State[3]: AR - 280,000
Upper 95% Bound State[3]: AR - 620,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Bark Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 10 - 12 days

Clutch Size[2]*:* 4 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Creamy white, pale bluish- or greenish-white, with speckles of brown or lavender.

Egg length[2]*:* 1.5 - 1.9 cm

Egg width[2]*:* 1.3 - 1.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

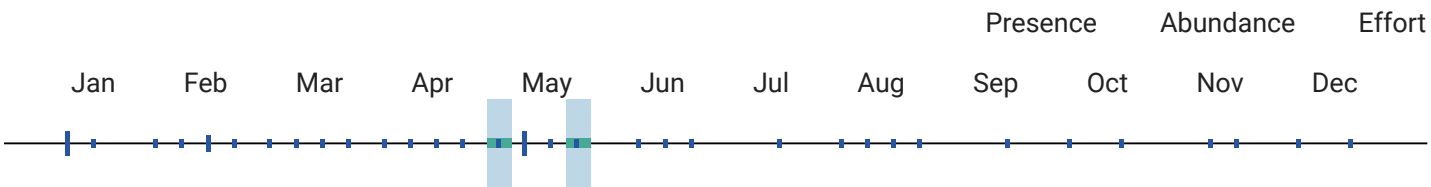
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Black-bellied Whistling-Duck

Dendrocygna autumnalis

Global: 1,000,000
Continental U.S. & Canada: Not yet available

Common

Alpha Code

Alpha Code[1]*:* BBWD

Physical Details

Weight[2]*:* 652 - 1020 g

Length[2]*:* 47 - 51 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 1,000,000

% Population Estimate USA & Canada[4]: Not yet available
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Plants

Behavior Category[2]: Dabbler

Nesting Category[2]: Cavity

Incubation Period[2]: 25 - 30 days

Clutch Size[2]: 9 - 18 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: White

Egg length[2]: 4.5 - 6.2 cm

Egg width[2]: 3 - 4.2 cm

Breeding time-frame - Start[5]: 1-Apr

Breeding time-frame - Stop[5]: 5-Oct

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

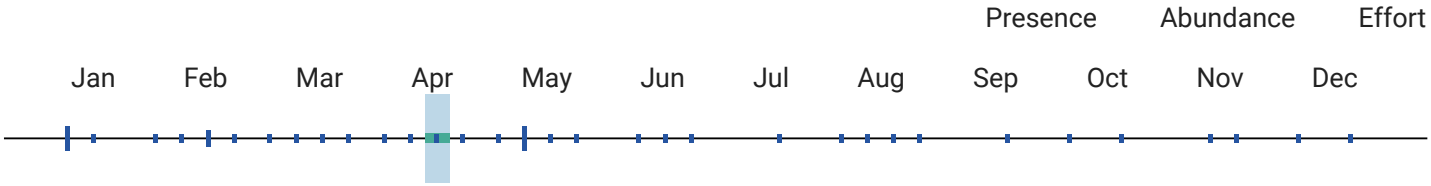
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Not applicable

BCRs where BCC Breeding[9]: Not applicable

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]: BLJA

Physical Details

Weight[2]: 70 - 100 g

Length[2]: 25 - 30 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 17,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 16,000,000
Upper 95% Bound USA & Canada[3]: 19,000,000

Continental Population Trend[4]: Small or uncertain decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 7.06%
Lower 95% Bound BCR[3]: BCR 25 - 840,000
Upper 95% Bound BCR[3]: BCR 25 - 1,600,000

% State Population (USA only)[3]: AR - 3.65%
Lower 95% Bound State[3]: AR - 430,000
Upper 95% Bound State[3]: AR - 880,000

Biology

Food Category[2]: Omnivore

Behavior Category[2]: Ground Forager

Nesting Category[2]: Tree

Incubation Period[2]: 17 - 18 days

Clutch Size[2]: 2 - 7 eggs

Number of Broods[2]: 1

Egg description[2]: Bluish or light brown with brownish spots.

Egg length[2]: 2.5 - 3.3 cm

Egg width[2]: 1.8 - 2.2 cm

Breeding time-frame - Start[5]: Not yet available

Breeding time-frame - Stop[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

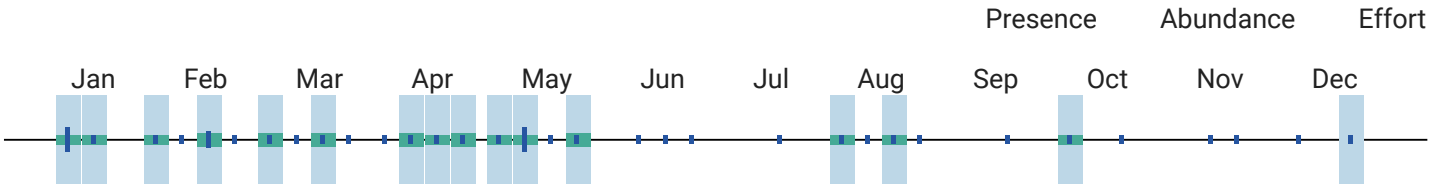
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Not applicable

BCRs where BCC Breeding[9]: Not applicable

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Blue-gray Gnatcatcher

Polioptila caerulea

Global: 260,000,000
Continental U.S. & Canada: 230,000,000

Common

Alpha Code

Alpha Code[1]: BGGN

Physical Details

Weight[2]: 4.8 - 8.9 g

Length[2]: 10 - 11 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Generalist

Population Information

Global Population[4]: 260,000,000

% Population Estimate USA & Canada[4]: 88.46%
Lower 95% Bound USA & Canada[3]: 200,000,000
Upper 95% Bound USA & Canada[3]: 270,000,000

Continental Population Trend[4]: Small or uncertain decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 7.69%
Lower 95% Bound BCR[3]: BCR 25 - 12,000,000
Upper 95% Bound BCR[3]: BCR 25 - 32,000,000

% State Population (USA only)[3]: AR - 6.15%
Lower 95% Bound State[3]: AR - 8,700,000
Upper 95% Bound State[3]: AR - 27,000,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Foliage Gleaner

Nesting Category[2]: Tree

Incubation Period[2]: 11 - 15 days

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

Clutch Size[2]*:* 3 - 5 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Pale blue spotted with reddish to dark brown.

Egg length[2]*:* 1.3 - 1.6 cm

Egg width[2]*:* 1.1 - 1.2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

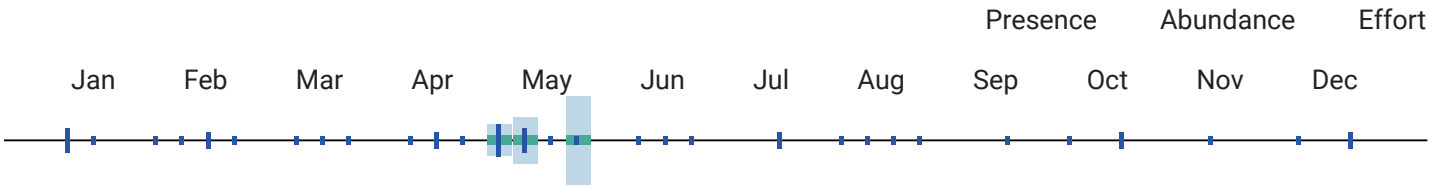
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* BWTE

Physical Details

Weight[2]*:* 230 - 545 g

Length[2]*:* 36 - 41 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Seasonally Wet Grasslands

Population Information

Global Population[4]*:* 7,800,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Omnivore

Behavior Category[2]*:* Dabbler

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 19 - 29 days

Clutch Size[2]*:* 6 - 14 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Creamy white.

Egg length[2]*:* 3.8 - 5.2 cm

Egg width[2]*:* 2.9 - 3.7 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

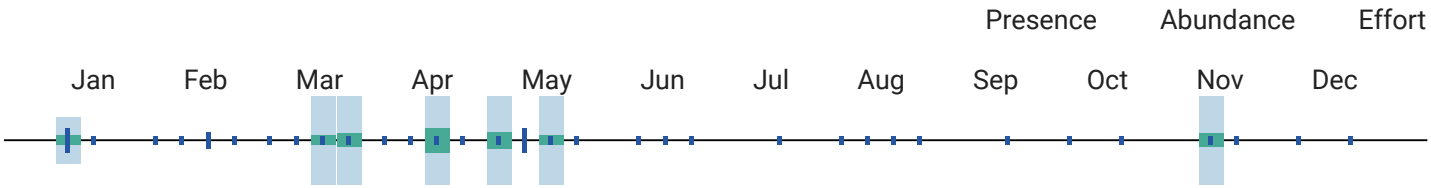
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Bonaparte's Gull

Global: 790,000
Continental U.S. & Canada: 790,000

Common

Chroicocephalus philadelphia

Alpha Code

Alpha Code[1]*:* BOGU

Physical Details

Weight[2]*:* 210 - 234 g

Length[2]*:* 28 - 30 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Boreal

Population Information

Global Population[4]*:* 790,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Dabbler

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 22 - 25 days

Clutch Size[2]*:* 2 - 3 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Buffy green, with dark spots and blotches.

Egg length[2]*:* 44.5 - 54 cm

Egg width[2]*:* 32.5 - 38.2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

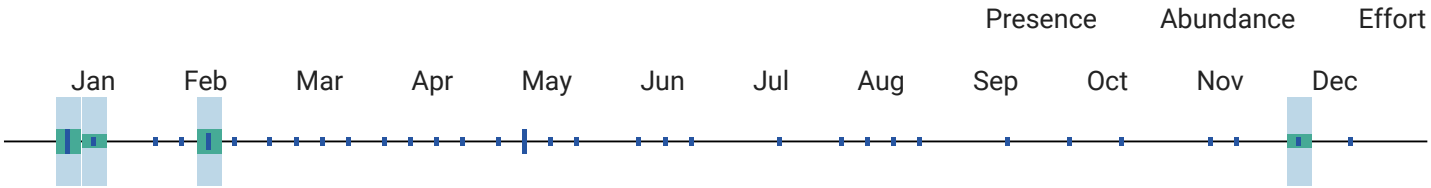
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Brown Creeper

Certhia americana

Global: 11,000,000
Continental U.S. & Canada: 9,500,000

Common

Alpha Code

Alpha Code[1]: BRCR

Physical Details

Weight[2]: 5 - 10 g

Length[2]: 12 - 14 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Generalist

Population Information

Global Population[4]: 11,000,000

% Population Estimate USA & Canada[4]: 86.36%
Lower 95% Bound USA & Canada[3]: 7,800,000
Upper 95% Bound USA & Canada[3]: 12,000,000

Continental Population Trend[4]: Small increase or stable

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Insects

Behavior Category[2]: Bark Forager

Nesting Category[2]: Tree

Incubation Period[2]: 13 - 17 days

Clutch Size[2]: 5 - 6 eggs

Number of Broods[2]: 1

Egg description[2]: Smooth and white, speckled with pink or reddish-brown.

Egg length[2]: 1.5 - 1.6 cm

Egg width[2]: 1.2 cm

Breeding time-frame - Start[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

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

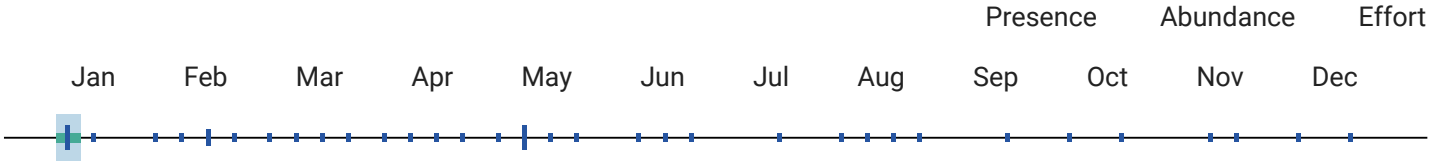
BCRs where BCC Breeding[9]: Not applicable

Breeding time-frame - Stop[5]*:* Not yet available

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* BRTH

Physical Details

Weight[2]*:* 61 - 89 g

Length[2]*:* 23 - 30 cm

Habitat

Habitat Category[2]*:* Scrub

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 6,200,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 5,600,000
Upper 95% Bound USA & Canada[3]: 6,800,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 2.42%
Lower 95% Bound BCR[3]: BCR 25 - 100,000
Upper 95% Bound BCR[3]: BCR 25 - 220,000

% State Population (USA only)[3]*:* AR - 2.26%
Lower 95% Bound State[3]: AR - 90,000
Upper 95% Bound State[3]: AR - 210,000

Biology

Food Category[2]*:* Omnivore

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Shrub

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Incubation Period[2]*:* 10 - 14 days

Clutch Size[2]*:* 2 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Glossy pale blue, pale greenish blue, or white, with many red-brown speckles.

Egg length[2]*:* 2.6 - 2.7 cm

Egg width[2]*:* 1.9 - 2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

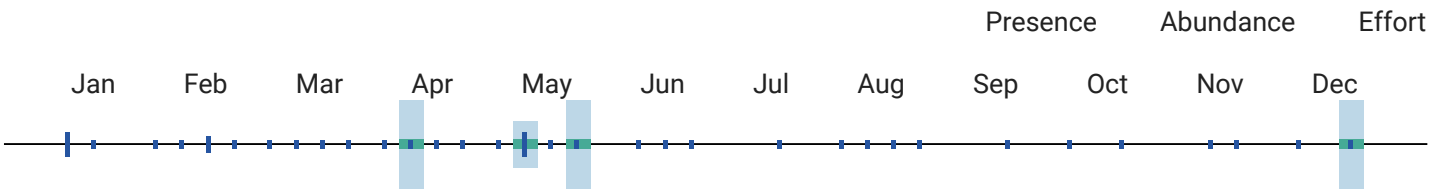
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* BHCO

Physical Details

Weight[2]*:* 42 - 50 g

Length[2]*:* 19 - 22 cm

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 130,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 120,000,000
Upper 95% Bound USA & Canada[3]: 140,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 1.54%
Lower 95% Bound BCR[3]: BCR 25 - 1,500,000

Upper 95% Bound BCR[3]: BCR 25 - 2,600,000

% State Population (USA only)[3]: AR - 1.38%
Lower 95% Bound State[3]: AR - 1,300,000
Upper 95% Bound State[3]: AR - 2,400,000

Biology

Food Category[2]: Seeds

Behavior Category[2]: Ground Forager

Nesting Category[2]: Tree

Incubation Period[2]: 10 - 12 days

Clutch Size[2]: 1 - 7 eggs

Number of Broods[2]: Not yet available

Egg description[2]: White to grayish-white with brown or gray spots.

Egg length[2]: 1.8 - 2.5 cm

Egg width[2]: 1.5 - 1.8 cm

Breeding time-frame - Start[5]: Not yet available

Breeding time-frame - Stop[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

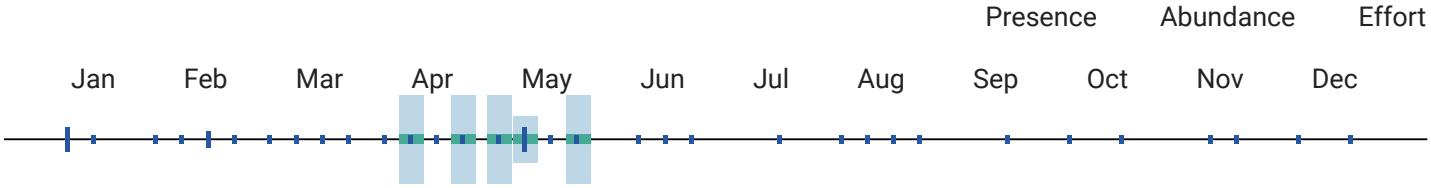
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Not applicable

BCRs where BCC Breeding[9]: Not applicable

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]: BUFF

Physical Details

Weight[2]: 272 - 635 g

Length[2]: 32 - 40 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Forested

Population Information

Global Population[4]*:* 1,300,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Surface Dive

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* Not yet available

Clutch Size[2]*:* 4 - 17 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Cream-colored or buff; unmarked.

Egg length[2]*:* Not yet available

Egg width[2]*:* Not yet available

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

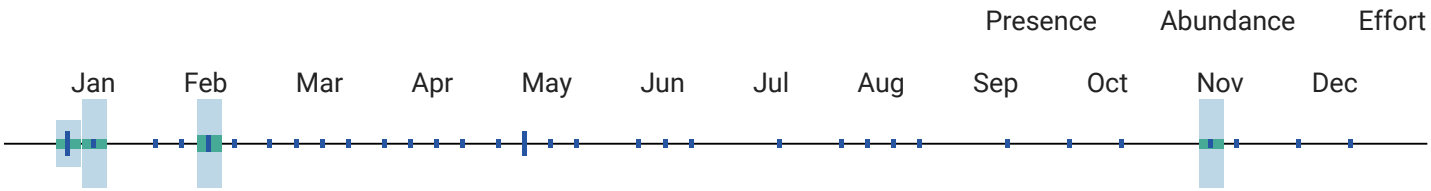
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Cackling Goose

Branta hutchinsii

Global: 4,500,000
Continental U.S. & Canada: 4,100,000

Common

Alpha Code

Alpha Code[1]: CACG

Physical Details

Weight[2]: 1398 - 2380 g

Length[2]: 63 - 65 cm

Habitat

Habitat Category[2]: Lakes and Ponds

Primary Breeding Habitat[4]: Wetlands, Tundra

Population Information

Global Population[4]: 4,500,000

% Population Estimate USA & Canada[4]: 91.11%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Small or uncertain decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Plants

Behavior Category[2]: Ground Forager

Nesting Category[2]: Ground

Incubation Period[2]: 25 - 28 days

Clutch Size[2]: 2 - 8 eggs

Number of Broods[2]: 1

Egg description[2]: Creamy white.

Egg length[2]: Not yet available

Egg width[2]: Not yet available

Breeding time-frame - Start[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

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

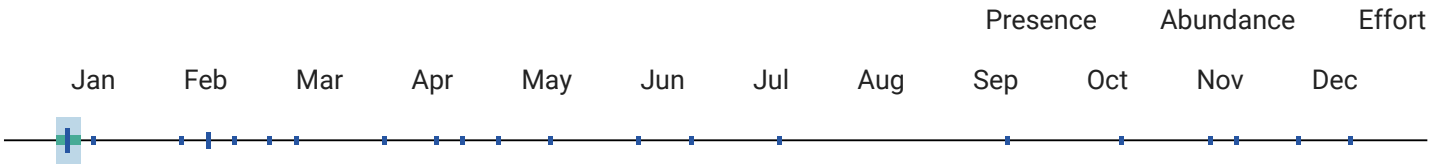
Breeding time-frame - Stop[5]*:* Not yet available

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* CANG

Physical Details

Weight[2]*:* 3000 - 9000 g

Length[2]*:* 76 - 110 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 7,600,000

% Population Estimate USA & Canada[4]*:* 98.68%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Seeds

Behavior Category[2]*:* Ground Forager

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 25 - 28 days

Clutch Size[2]*:* 2 - 8 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Creamy white.

Egg length[2]*:* 8.3 cm

Egg width[2]*:* 5.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

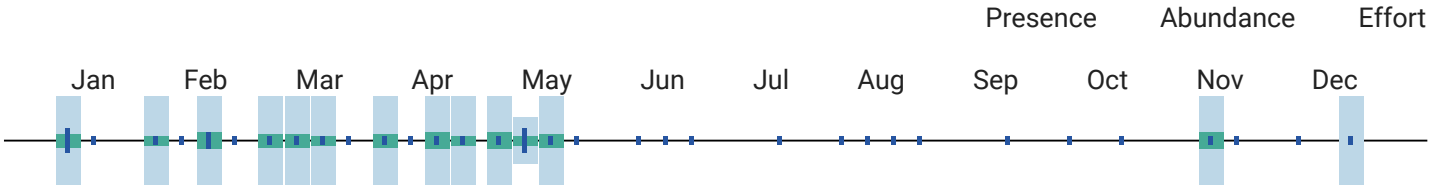
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Canvasback

Aythya valisineria

Global: 690,000
Continental U.S. & Canada: 690,000

Common

Alpha Code

Alpha Code[1]*:* CANV

Physical Details

Weight[2]*:* 862 - 1588 g

Length[2]*:* 48 - 56 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Seasonally Wet Grasslands

Population Information

Global Population[4]*:* 690,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Plants

Behavior Category[2]*:* Surface Dive

Nesting Category[2]*:* Floating

Incubation Period[2]*:* 24 - 29 days

Clutch Size[2]*:* 5 - 11 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Greenish drab.

Egg length[2]*:* 6 - 6.7 cm

Egg width[2]*:* 4.4 - 4.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

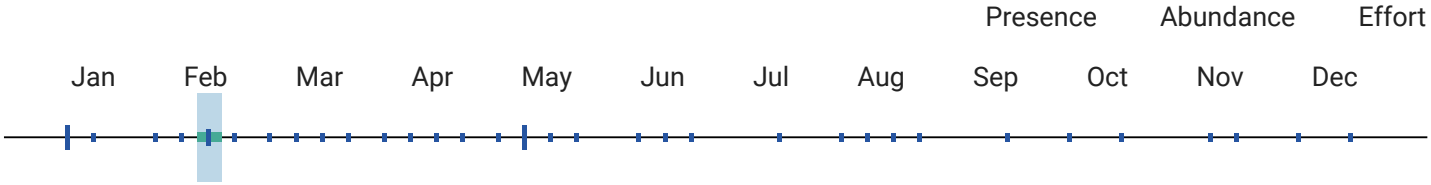
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* CACH

Physical Details

Weight[2]*:* 8 - 12 g

Length[2]*:* 10 - 12 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 13,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 12,000,000
Upper 95% Bound USA & Canada[3]: 14,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 12.31%
Lower 95% Bound BCR[3]: BCR 25 - 1,200,000
Upper 95% Bound BCR[3]: BCR 25 - 2,000,000

% State Population (USA only)[3]*:* AR - 5.38%
Lower 95% Bound State[3]: AR - 520,000
Upper 95% Bound State[3]: AR - 940,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 12 - 15 days

Clutch Size[2]*:* 3 - 10 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White with fine dots to small blotches of reddish brown.

Egg length[2]*:* 1.5 cm

Egg width[2]*:* 1.1 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

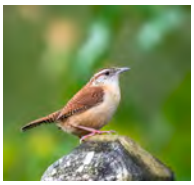
More information on BCR's

Phenology Graph

Presence Abundance Effort

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

[10] 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

Alpha Code[1]: CARW

Physical Details

Weight[2]: 18 - 22 g

Length[2]: 12 - 14 cm

Habitat

Habitat Category[2]: Open Woodlands

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 19,000,000

% Population Estimate USA & Canada[4]: 94.74%
Lower 95% Bound USA & Canada[3]: 16,000,000
Upper 95% Bound USA & Canada[3]: 20,000,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 9.47%
Lower 95% Bound BCR[3]: BCR 25 - 1,300,000
Upper 95% Bound BCR[3]: BCR 25 - 2,500,000

% State Population (USA only)[3]: AR - 5.11%
Lower 95% Bound State[3]: AR - 660,000
Upper 95% Bound State[3]: AR - 1,300,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Ground Forager

Nesting Category[2]: Cavity

Incubation Period[2]: 12 - 16 days

Clutch Size[2]: 3 - 7 eggs

Number of Broods[2]: 1 - 3

Egg description[2]: White, cream, or pinkish white, with fine rusty-brown spots.

Egg length[2]: 1.7 - 2.1 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 1.4 - 1.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

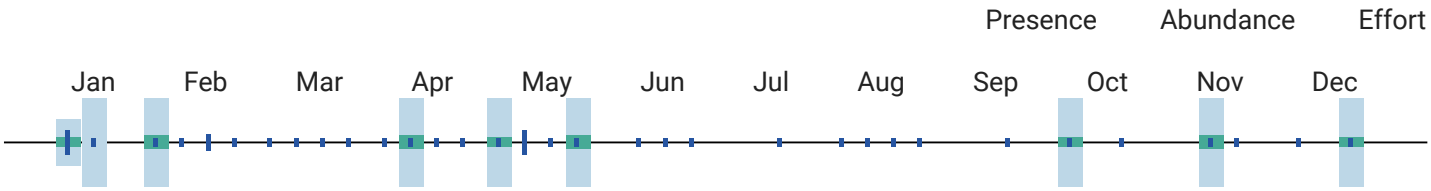
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Caspian Tern

Hydroprogne caspia

Global: 530,000
Continental U.S. & Canada: 78,000

State Threatened: MI, NC

State Endangered: WI

Alpha Code

Alpha Code[1]*:* CATE

Physical Details

Weight[2]*:* 530 - 782 g

Length[2]*:* 47 - 54 cm

Habitat

Habitat Category[2]*:* Shorelines

Primary Breeding Habitat[4]*:* Wetlands, Lakes and Rivers

Population Information

Global Population[4]*:* 530,000

% Population Estimate USA & Canada[4]*:* 14.72%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Fish

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Aerial Dive (water)

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 25 - 28 days

Clutch Size[2]*:* 1 - 3 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Buff, sparingly marked with dark spots and sometimes large irregular blotches.

Egg length[2]*:* 5.8 - 7.3 cm

Egg width[2]*:* 4.2 - 4.8 cm

Breeding time-frame - Start[5]*:* 15-May

Breeding time-frame - Stop[5]*:* 20-Aug

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* MI, NC

State Endangered[7]*:* WI

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

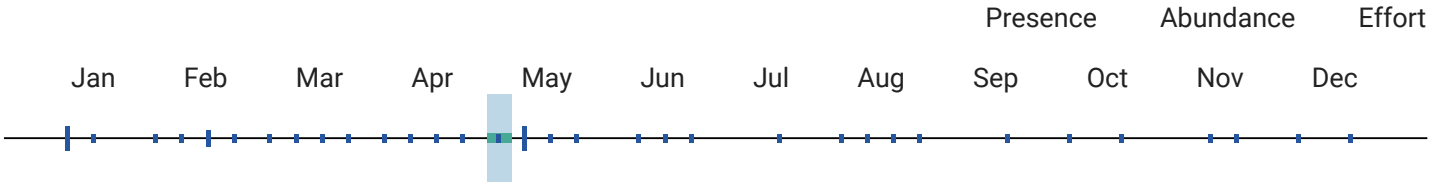
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Cattle Egret
Bubulcus ibis

Global: 48,000,000
Continental U.S. & Canada: 2,800,000

State Threatened: NJ

State Endangered: OH

Alpha Code

Alpha Code[1]*:* CAEG

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Physical Details

Weight[2]*:* 270 - 512 g

Length[2]*:* 46 - 56 cm

Population Information

Global Population[4]*:* 48,000,000

% Population Estimate USA & Canada[4]*:* 5.83%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 22 - 28 days

Clutch Size[2]*:* 2 - 4 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Pale sky blue to sea green.

Egg length[2]*:* 3.5 - 5.2 cm

Egg width[2]*:* 2.8 - 3.6 cm

Breeding time-frame - Start[5]*:* 1-Apr

Breeding time-frame - Stop[5]*:* 20-Oct

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* NJ

State Endangered[7]*:* OH

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

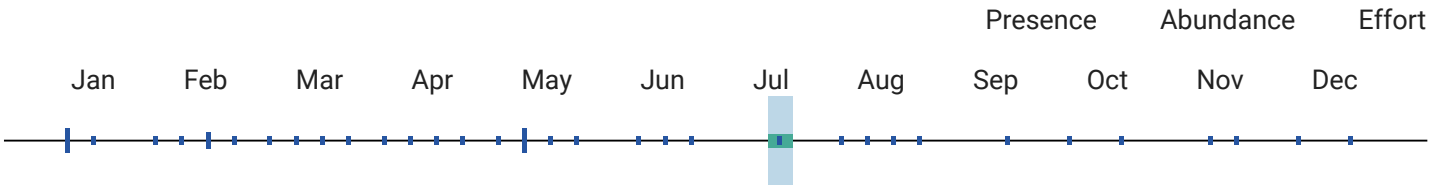
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]: CEDW

Weight[2]: 32 g

Length[2]: 14 - 17 cm

Habitat

Habitat Category[2]: Open Woodlands

Primary Breeding Habitat[4]: Forests, Temperate Generalist

Population Information

Global Population[4]: 64,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 58,000,000
Upper 95% Bound USA & Canada[3]: 70,000,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: AR - 0.01%
Lower 95% Bound State[3]: AR - 470
Upper 95% Bound State[3]: AR - 19,000

Biology

Food Category[2]: Fruit

Behavior Category[2]: Foliage Gleaner

Nesting Category[2]: Tree

Incubation Period[2]: 11 - 13 days

Clutch Size[2]: 2 - 6 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Pale blue or blue gray sometimes spotted with black or gray.

Egg length[2]: 1.6 - 2.9 cm

Egg width[2]: 1.4 - 1.8 cm

Breeding time-frame - Start[5]: Not yet available

Breeding time-frame - Stop[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

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

BCRs where BCC Breeding[9]: Not applicable

BCRs where BCC Non-breeding[9]: Not applicable

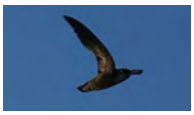
More information on BCR's

Phenology Graph

Presence Abundance Effort

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

[10] 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[1]: CHSW

Physical Details

Weight[2]: 17 - 30 g

Length[2]: 12 - 15 cm

Habitat

Habitat Category[2]: Towns

Primary Breeding Habitat[4]: Open Country Aerial, Developed/Disturbed

Population Information

Global Population[4]: 8,800,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 8,000,000
Upper 95% Bound USA & Canada[3]: 9,700,000

Continental Population Trend[4]: Significant large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 4.77%
Lower 95% Bound BCR[3]: BCR 25 - 280,000
Upper 95% Bound BCR[3]: BCR 25 - 610,000

% State Population (USA only)[3]: AR - 3.75%
Lower 95% Bound State[3]: AR - 170,000
Upper 95% Bound State[3]: AR - 560,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Aerial Forager

Nesting Category[2]: Building

Incubation Period[2]: 16 - 21 days

Clutch Size[2]: 3 - 5 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Pure white.

Egg length[2]: 1.7 - 2.2 cm

Egg width[2]: 1.2 - 1.4 cm

Conservation Status

Continental Importance[4]: Orange Watch List; Tipping Point

Half Life[4]: 26 years

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

Breeding time-frame - Start[5]*:* 15-Mar

Breeding time-frame - Stop[5]*:* 25-Aug

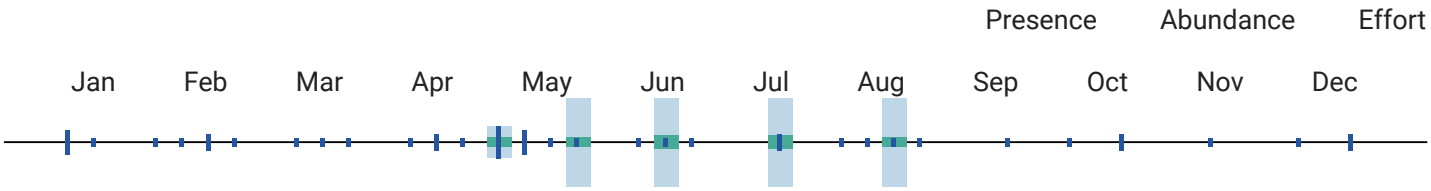
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 11,12,13,14,18,19,20,21,22,23,24,25,26,27,28,29,30,31,36,37

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* CLSW

Physical Details

Weight[2]*:* 19 - 34 g

Length[2]*:* 13 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Open Country Aerial, Habitat Mosaic

Population Information

Global Population[4]*:* 83,000,000

% Population Estimate USA & Canada[4]*:* 93.98%
Lower 95% Bound USA & Canada[3]: 68,000,000
Upper 95% Bound USA & Canada[3]: 89,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 3.61%
Lower 95% Bound BCR[3]: BCR 25 - 1,300,000
Upper 95% Bound BCR[3]: BCR 25 - 6,000,000

% State Population (USA only)[3]*:* AR - 0.48%
Lower 95% Bound State[3]: AR - 77,000
Upper 95% Bound State[3]: AR - 960,000

Biology

Conservation Status

Food Category[2]*:* Insects

Behavior Category[2]*:* Aerial Forager

Nesting Category[2]*:* Cliff

Incubation Period[2]*:* 10 - 19 days

Clutch Size[2]*:* 1 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White, creamy, or pinkish, with brown speckles or blotches.

Egg length[2]*:* 1.8 - 2.4 cm

Egg width[2]*:* 1.3 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

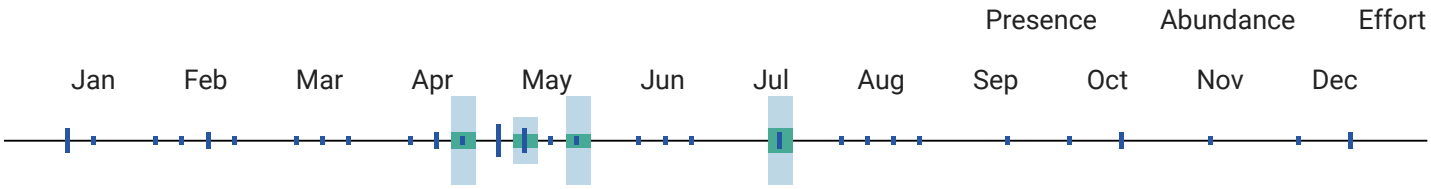
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* COGR

Physical Details

Weight[2]*:* 74 - 142 g

Length[2]*:* 28 - 34 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 67,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 61,000,000
Upper 95% Bound USA & Canada[3]: 74,000,000

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.48%
Lower 95% Bound BCR[3]: BCR 25 - 180,000
Upper 95% Bound BCR[3]: BCR 25 - 540,000

% State Population (USA only)[3]*:* AR - 1.19%
Lower 95% Bound State[3]: AR - 470,000
Upper 95% Bound State[3]: AR - 1,300,000

Biology

Food Category[2]*:* Omnivore

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 11 - 15 days

Clutch Size[2]*:* 1 - 7 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Light blue, pearl gray, white, or dark brown, usually spotted with brown.

Egg length[2]*:* 2.5 - 3.3 cm

Egg width[2]*:* 1.9 - 2.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Common Bird in Steep Decline

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

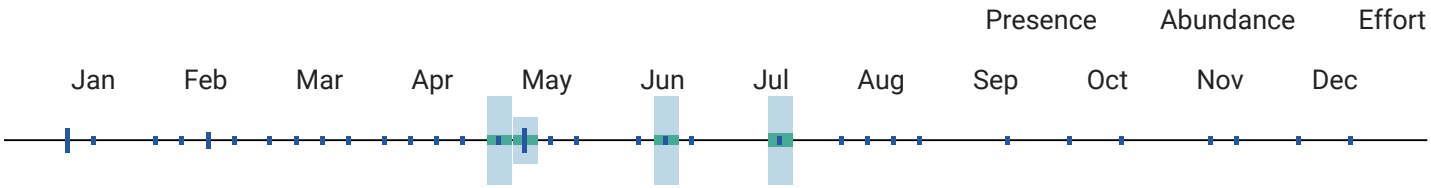
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Common Yellowthroat
Geothlypis trichas

Global: 77,000,000
Continental U.S. & Canada: 76,000,000

BCRBCC Breeding: 32

Alpha Code

Alpha Code[1]*:* COYE

Physical Details

Weight[2]*:* 9 - 10 g

Length[2]*:* 11 - 13 cm

Habitat

Habitat Category[2]*:* Scrub

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 77,000,000

% Population Estimate USA & Canada[4]*:* 98.70%
Lower 95% Bound USA & Canada[3]: 71,000,000
Upper 95% Bound USA & Canada[3]: 80,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 1.03%
Lower 95% Bound BCR[3]: BCR 25 - 570,000
Upper 95% Bound BCR[3]: BCR 25 - 1,100,000

% State Population (USA only)[3]*:* AR - 0.74%
Lower 95% Bound State[3]: AR - 400,000
Upper 95% Bound State[3]: AR - 780,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 12 days

Clutch Size[2]*:* 1 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White with markings of gray, lilac, reddish-brown, or black.

Egg length[2]*:* 1.5 - 2 cm

Egg width[2]*:* 1.2 - 1.5 cm

Breeding time-frame - Start[5]*:* 20-May

Breeding time-frame - Stop[5]*:* 31-Jul

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No - ssp. sinuosa only

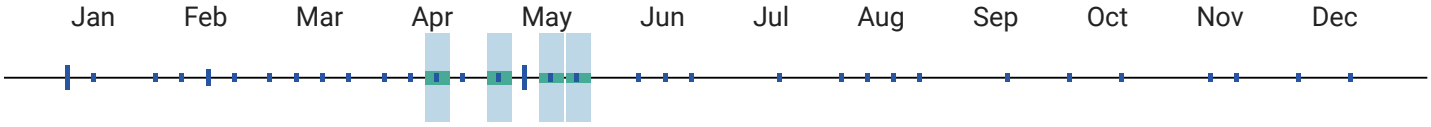
BCRs where BCC Breeding[9]*:* 32

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] 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

Alpha Code[1]: COHA

Physical Details

Weight[2]: 220 - 410 g

Length[2]: 37 - 39 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Generalist

Population Information

Global Population[4]: 1,000,000

% Population Estimate USA & Canada[4]: 84.00%
Lower 95% Bound USA & Canada[3]: 770,000
Upper 95% Bound USA & Canada[3]: 920,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 2.60%
Lower 95% Bound BCR[3]: BCR 25 - 13,000
Upper 95% Bound BCR[3]: BCR 25 - 44,000

% State Population (USA only)[3]: AR - 1.40%
Lower 95% Bound State[3]: AR - 3,200
Upper 95% Bound State[3]: AR - 30,000

Biology

Food Category[2]: Birds

Behavior Category[2]: Aerial Forager

Nesting Category[2]: Tree

Incubation Period[2]: 30 - 36 days

Clutch Size[2]: 2 - 6 eggs

Number of Broods[2]: 1

Egg description[2]: Pale blue to bluish white.

Egg length[2]: 4.4 - 5.1 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 3.5 - 4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

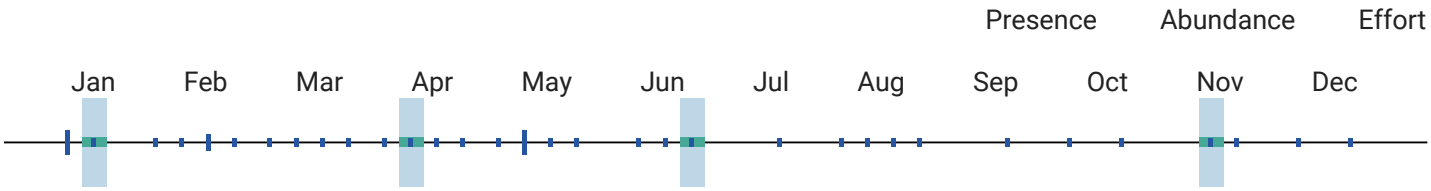
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* DEJU

Physical Details

Weight[2]*:* 18 - 30 g

Length[2]*:* 14 - 16 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Generalist

Population Information

Global Population[4]*:* 220,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 200,000,000
Upper 95% Bound USA & Canada[3]: 250,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Seeds

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 12 - 13 days

Clutch Size[2]*:* 3 - 6 eggs

Number of Broods[2]*:* 1 - 3

Egg description[2]*:* White, gray, pale bluish white, or pale-greenish white speckled with brown, gray and green. Occasionally unmarked.

Egg length[2]*:* 1.9 - 2.1 cm

Egg width[2]*:* 1.5 - 1.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

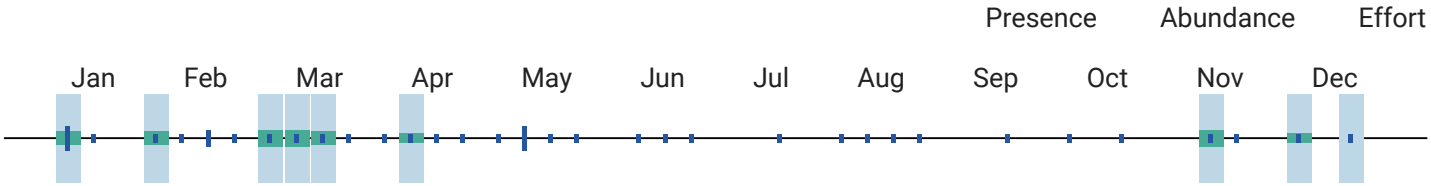
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Double-crested Cormorant *Phalacrocorax auritus*

Global: Not yet available
Continental U.S. & Canada: Not yet available

Common

Alpha Code

Alpha Code[1]*:* DCCO

Physical Details

Weight[2]*:* 1200 - 2500 g

Length[2]*:* 70 - 90 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Not yet available

Population Information

Global Population[4]*:* Not yet available

% Population Estimate USA & Canada[4]*:* Not yet available
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Not yet available

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Fish

Behavior Category[2]*:* Surface Dive

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 25 - 28 days

Clutch Size[2]*:* 1 - 7 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Unmarked pale blue.

Egg length[2]*:* 5.6 - 7 cm

Egg width[2]*:* 3.5 - 4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

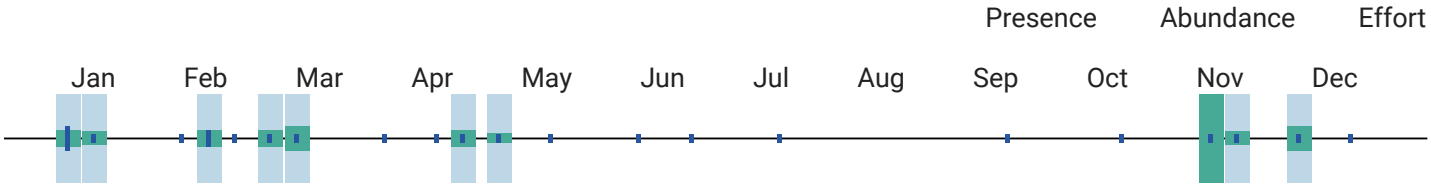
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Downy Woodpecker
Dryobates pubescens

Global: 13,000,000
Continental U.S. & Canada: 13,000,000

Common

Alpha Code

Physical Details

Alpha Code[1]*:* DOWO

Weight[2]*:* 21 - 28 g

Length[2]*:* 14 - 17 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Generalist

Population Information

Global Population[4]*:* 13,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 13,000,000
Upper 95% Bound USA & Canada[3]: 14,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 5.31%
Lower 95% Bound BCR[3]: BCR 25 - 530,000
Upper 95% Bound BCR[3]: BCR 25 - 880,000

% State Population (USA only)[3]*:* AR - 3.77%
Lower 95% Bound State[3]: AR - 370,000
Upper 95% Bound State[3]: AR - 630,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Bark Forager

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 12 days

Clutch Size[2]*:* 3 - 8 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Completely white.

Egg length[2]*:* 1.9 - 2 cm

Egg width[2]*:* 1.4 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] 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

Alpha Code[1]: EABL

Physical Details

Weight[2]: 28 - 32 g

Length[2]: 16 - 21 cm

Habitat

Habitat Category[2]: Grasslands

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 23,000,000

% Population Estimate USA & Canada[4]: 91.30%
Lower 95% Bound USA & Canada[3]: 20,000,000
Upper 95% Bound USA & Canada[3]: 23,000,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 6.96%
Lower 95% Bound BCR[3]: BCR 25 - 1,200,000
Upper 95% Bound BCR[3]: BCR 25 - 2,000,000

% State Population (USA only)[3]: AR - 3.74%
Lower 95% Bound State[3]: AR - 620,000
Upper 95% Bound State[3]: AR - 1,100,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Ground Forager

Nesting Category[2]: Cavity

Incubation Period[2]: 11 - 19 days

Clutch Size[2]: 2 - 7 eggs

Number of Broods[2]: 1 - 3

Egg description[2]: Pale blue or, rarely, white.

Egg length[2]: 1.8 - 2.4 cm

Egg width[2]: 1.5 - 1.9 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

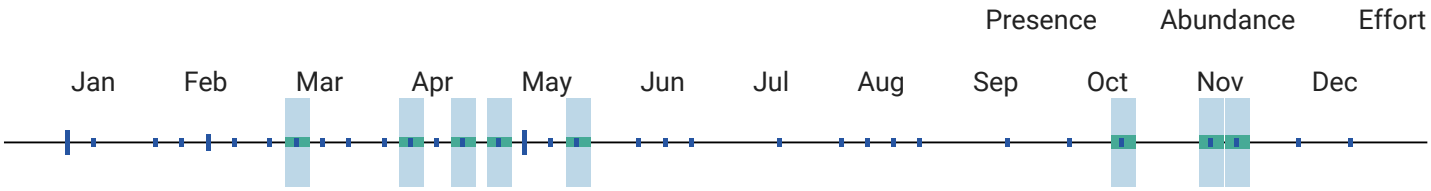
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* EAKI

Physical Details

Weight[2]*:* 33 - 55 g

Length[2]*:* 19 - 23 cm

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 26,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 24,000,000
Upper 95% Bound USA & Canada[3]: 28,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 2.77%
Lower 95% Bound BCR[3]: BCR 25 - 530,000
Upper 95% Bound BCR[3]: BCR 25 - 930,000

% State Population (USA only)[3]*:* AR - 2.08%
Lower 95% Bound State[3]: AR - 370,000
Upper 95% Bound State[3]: AR - 770,000

Biology

Food Category[2]*:* Insects

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Flycatching

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 14 - 17 days

Clutch Size[2]*:* 2 - 5 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Pale and smooth with a striking ring of irregular reddish spots. Usually oval but variable in shape.

Egg length[2]*:* 2.1 - 2.7 cm

Egg width[2]*:* 1.6 - 2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

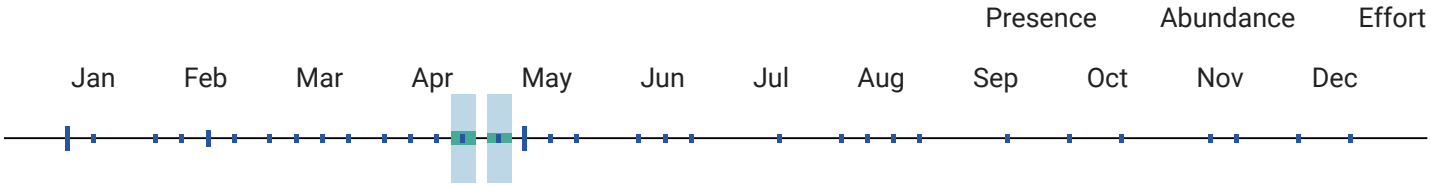
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* EAME

Physical Details

Weight[2]*:* 90 - 150 g

Length[2]*:* 19 - 26 cm

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Grasslands, Temperate

Population Information

Global Population[4]*:* 34,000,000

% Population Estimate USA & Canada[4]*:* 8.53%
Lower 95% Bound USA & Canada[3]: 22,000,000
Upper 95% Bound USA & Canada[3]: 27,000,000

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 2.38%
Lower 95% Bound BCR[3]: BCR 25 - 450,000
Upper 95% Bound BCR[3]: BCR 25 - 1,300,000

% State Population (USA only)[3]*:* AR - 2.24%
Lower 95% Bound State[3]: AR - 450,000
Upper 95% Bound State[3]: AR - 1,100,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 13 - 16 days

Clutch Size[2]*:* 2 - 7 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White, with variable speckles or spots.

Egg length[2]*:* 2.2 - 3.1 cm

Egg width[2]*:* 1.8 - 2.3 cm

Breeding time-frame - Start[5]*:* 25-Apr

Breeding time-frame - Stop[5]*:* 31-Aug

Conservation Status

Continental Importance[4]*:* Common Bird in Steep Decline

Half Life[4]*:* 29 years

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* CT

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

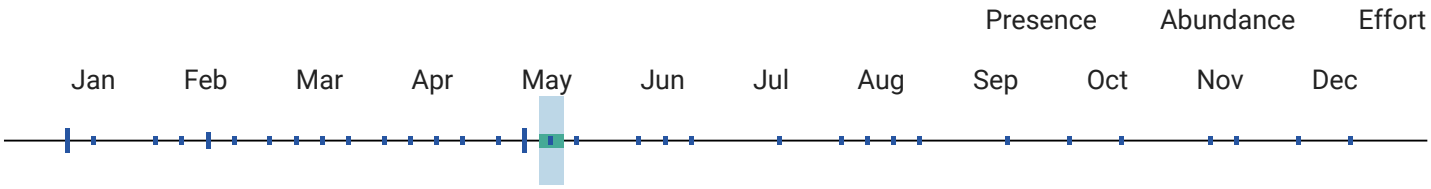
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No

BCRs where BCC Breeding[9]*:* 13,20,35,36

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Eastern Phoebe
Sayornis phoebe

Global: 35,000,000
Continental U.S. & Canada: 35,000,000

Common

Alpha Code

Physical Details

Alpha Code[1]*:* EAPH

Weight[2]*:* 16 - 21 g

Length[2]*:* 14 - 17 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 35,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 33,000,000
Upper 95% Bound USA & Canada[3]: 37,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 4.57%
Lower 95% Bound BCR[3]: BCR 25 - 1,300,000
Upper 95% Bound BCR[3]: BCR 25 - 2,100,000

% State Population (USA only)[3]*:* AR - 3.14%
Lower 95% Bound State[3]: AR - 810,000
Upper 95% Bound State[3]: AR - 1,500,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Flycatching

Nesting Category[2]*:* Building

Incubation Period[2]*:* 15 - 16 days

Clutch Size[2]*:* 2 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White, sometimes speckled with reddish brown

Egg length[2]*:* 1.8 - 2.1 cm

Egg width[2]*:* 1.4 - 1.7 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

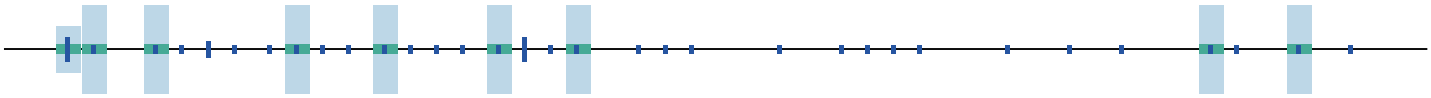
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Eastern Towhee

Pipilo erythrophthalmus

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

Common

Alpha Code

Alpha Code[1]: EATO

Physical Details

Weight[2]: 32 - 52 g

Length[2]: 17.3 - 20.8 cm

Habitat

Habitat Category[2]: Scrub

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 29,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 27,000,000
Upper 95% Bound USA & Canada[3]: 32,000,000

Continental Population Trend[4]: Significant large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 2.03%
Lower 95% Bound BCR[3]: BCR 25 - 410,000
Upper 95% Bound BCR[3]: BCR 25 - 820,000

% State Population (USA only)[3]: AR - 1.69%
Lower 95% Bound State[3]: AR - 350,000
Upper 95% Bound State[3]: AR - 670,000

Biology

Food Category[2]: Omnivore

Behavior Category[2]: Ground Forager

Nesting Category[2]: Ground

Incubation Period[2]: 12 - 13 days

Clutch Size[2]: 2 - 6 eggs

Number of Broods[2]: 1 - 3

Egg description[2]: Creamy, grayish, pinkish, or greenish white, spotted and speckled with brown, reddish brown, purple and gray.

Conservation Status

Continental Importance[4]: Orange Watch List; Tipping Point

Half Life[4]: 29 years

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg length[2]*:* 2 - 2.6 cm

Egg width[2]*:* 1.7 - 1.9 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

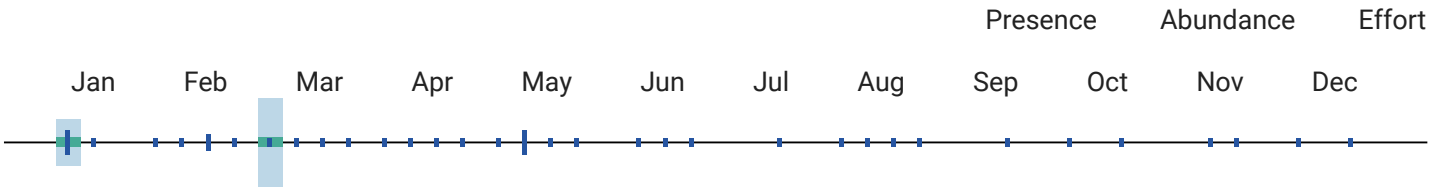
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

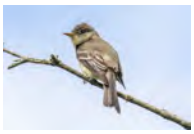
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Eastern Wood-Pewee

Contopus virens

Global: 6,500,000
Continental U.S. & Canada: 6,500,000

Common

Alpha Code

Alpha Code[1]*:* EAWP

Physical Details

Weight[2]*:* 10 - 19 g

Length[2]*:* 15 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 6,500,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 5,900,000
Upper 95% Bound USA & Canada[3]: 7,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 4.92%
Lower 95% Bound BCR[3]: BCR 25 - 210,000
Upper 95% Bound BCR[3]: BCR 25 - 450,000

% State Population (USA only)[3]*:* AR - 5.23%
Lower 95% Bound State[3]: AR - 220,000
Upper 95% Bound State[3]: AR - 470,000

Biology

Conservation Status

Food Category[2]*:* Insects

Behavior Category[2]*:* Flycatching

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 2 - 4 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* White or creamy with a wreath of brown or purple speckles.

Egg length[2]*:* 1.7 - 2.1 cm

Egg width[2]*:* 1.3 - 1.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

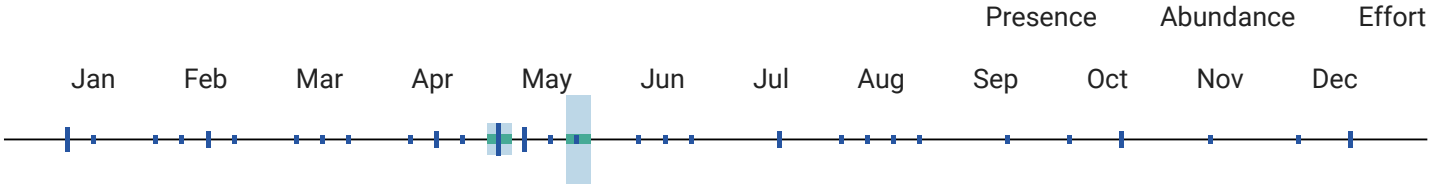
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

EUCD

Eurasian Collared-Dove

Streptopelia decaocto

Global: 85,000,000
Continental U.S. & Canada: 8,700,000

Not Available

Alpha Code

Alpha Code[1]*:* Not applicable

Physical Details

Weight[2]*:* 140 - 180 g

Length[2]*:* 29 - 30 cm

Habitat

Habitat Category[2]*:* Towns

Primary Breeding Habitat[4]*:* Open Country, Developed/Disturbed

Population Information

Global Population[4]*:* 85,000,000

% Population Estimate USA & Canada[4]*:* 10.24%
Lower 95% Bound USA & Canada[3]: 7,700,000
Upper 95% Bound USA & Canada[3]: 10,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.22%
Lower 95% Bound BCR[3]: BCR 25 - 110,000
Upper 95% Bound BCR[3]: BCR 25 - 290,000

% State Population (USA only)[3]*:* AR - 0.16%
Lower 95% Bound State[3]: AR - 79,000
Upper 95% Bound State[3]: AR - 220,000

Biology

Food Category[2]*:* Seeds

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 14 - 19 days

Clutch Size[2]*:* 1 - 2 eggs

Number of Broods[2]*:* 3 - 6

Egg description[2]*:* Smooth, white, slightly glossy.

Egg length[2]*:* 2.7 - 3.1 cm

Egg width[2]*:* 2.1 - 2.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Not Listed

Bird of Conservation Concern (BCC)[9]*:* No

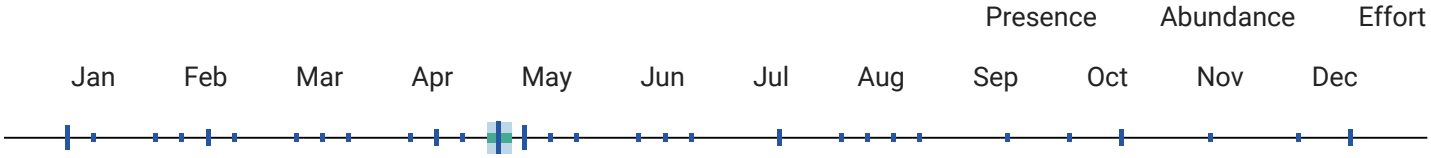
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* EUST

Physical Details

Weight[2]*:* 60 - 96 g

Length[2]*:* 20 - 23 cm

Habitat

Habitat Category[2]*:* Towns

Primary Breeding Habitat[4]*:* Open Country, Developed/Disturbed

Population Information

Global Population[4]*:* 250,000,000

% Population Estimate USA & Canada[4]*:* 37.20%
Lower 95% Bound USA & Canada[3]: 86,000,000
Upper 95% Bound USA & Canada[3]: 100,000,000

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.28%
Lower 95% Bound BCR[3]: BCR 25 - 350,000
Upper 95% Bound BCR[3]: BCR 25 - 1,200,000

% State Population (USA only)[3]*:* AR - 0.48%
Lower 95% Bound State[3]: AR - 640,000
Upper 95% Bound State[3]: AR - 2,000,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 12 days

Clutch Size[2]*:* 3 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Bluish or greenish white.

Egg length[2]*:* 2.7 - 3.2 cm

Egg width[2]*:* 1.9 - 2.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Not Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

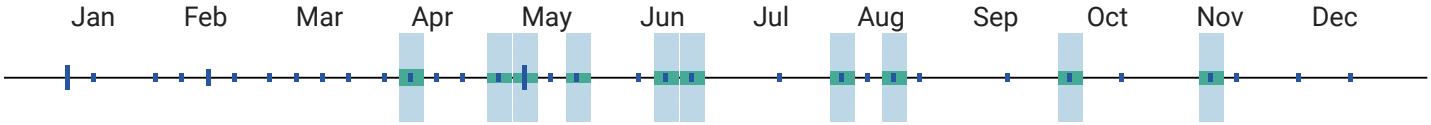
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Field Sparrow

Spizella pusilla

Global: 9,300,000
Continental U.S. & Canada: 9,300,000

BCRBCC Breeding: 20,24

Alpha Code

Alpha Code[1]: FISP

Physical Details

Weight[2]: 11 - 15 g

Length[2]: 12 - 15 cm

Habitat

Habitat Category[2]: Scrub

Primary Breeding Habitat[4]: Open Country, Habitat Mosaic

Population Information

Global Population[4]: 9,300,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 8,300,000
Upper 95% Bound USA & Canada[3]: 10,000,000

Continental Population Trend[4]: Significant large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 1.40%
Lower 95% Bound BCR[3]: BCR 25 - 62,000
Upper 95% Bound BCR[3]: BCR 25 - 230,000

% State Population (USA only)[3]: AR - 2.47%
Lower 95% Bound State[3]: AR - 130,000
Upper 95% Bound State[3]: AR - 380,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Ground Forager

Nesting Category[2]: Ground

Incubation Period[2]: 10 - 17 days

Clutch Size[2]: 1 - 5 eggs

Number of Broods[2]: 1 - 5

Egg description[2]: White to creamy, spotted with pale purple, reddish-brown, or gray.

Egg length[2]: 1.5 - 2.1 cm

Conservation Status

Continental Importance[4]: Yellow Watch List; Tipping Point

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

Egg width[2]*:* 1.1 - 1.5 cm

Breeding time-frame - Start[5]*:* 1-Mar

Breeding time-frame - Stop[5]*:* 15-Aug

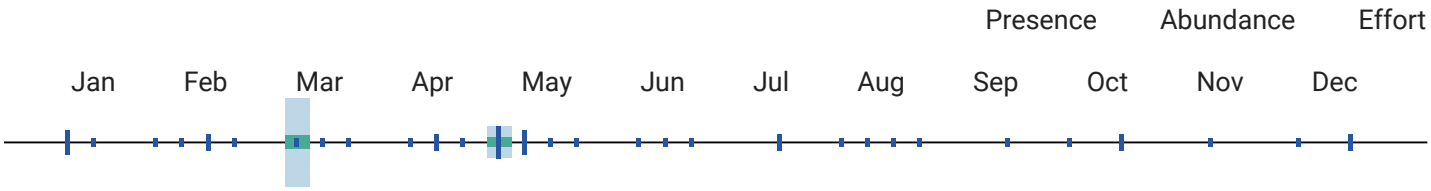
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No

BCRs where BCC Breeding[9]*:* 20,24

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* FICR

Physical Details

Weight[2]*:* 195 - 330 g

Length[2]*:* 36 - 40 cm

Habitat

Habitat Category[2]*:* Shorelines

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 470,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 400,000
Upper 95% Bound USA & Canada[3]: 540,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 9.57%
Lower 95% Bound BCR[3]: BCR 25 - 32,000
Upper 95% Bound BCR[3]: BCR 25 - 63,000

% State Population (USA only)[3]*:* AR - 5.53%
Lower 95% Bound State[3]: AR - 16,000
Upper 95% Bound State[3]: AR - 41,000

Biology

Food Category[2]*:* Omnivore

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 16 - 19 days

Clutch Size[2]*:* 2 - 6 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Pale bluish green with brown markings.

Egg length[2]*:* 3.3 - 4.2 cm

Egg width[2]*:* 2.5 - 3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

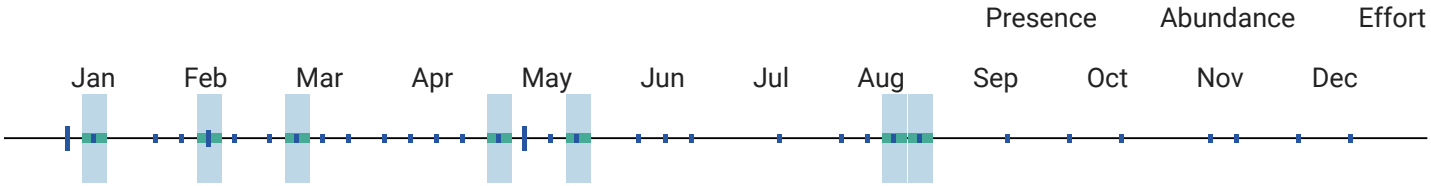
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* FOSP

Physical Details

Weight[2]*:* 26 - 44 g

Length[2]*:* 15 - 19 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Boreal

Population Information

Global Population[4]*:* 35,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 27,000,000
Upper 95% Bound USA & Canada[3]: 44,000,000

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 2 - 5 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Pale bluish green, with bold splotches or cloudy markings of reddish brown.

Egg length[2]*:* 2.1 - 2.4 cm

Egg width[2]*:* 1.6 - 1.8 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

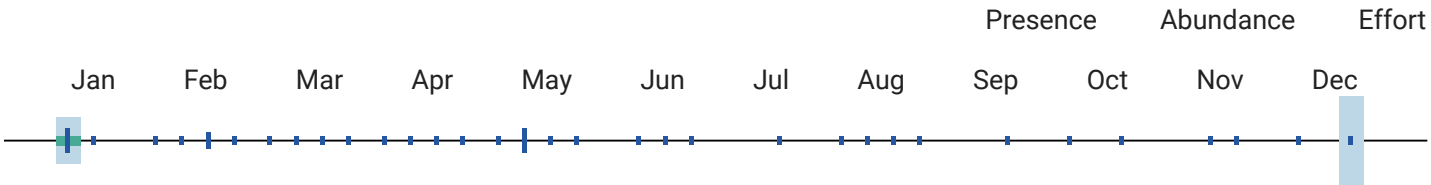
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Physical Details

Alpha Code[1]*:* GADW

Weight[2]*:* 500 - 1250 g

Length[2]*:* 46 - 57 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Seasonally Wet Grasslands

Population Information

Global Population[4]*:* 4,400,000

% Population Estimate USA & Canada[4]*:* 77.27%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Plants

Behavior Category[2]*:* Dabbler

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 24 - 27 days

Clutch Size[2]*:* 7 - 12 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Not yet available

Egg length[2]*:* 4.9 - 6 cm

Egg width[2]*:* 3.4 - 4.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

BCRs where BCC Breeding[9]*:* Not applicable

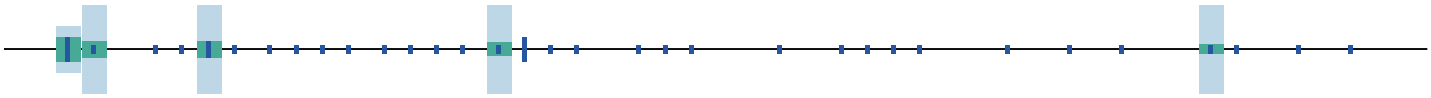
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

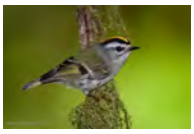
Phenology Graph

Presence Abundance Effort

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



[10] 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[1]: GCKI

Physical Details

Weight[2]: 4 - 8 g

Length[2]: 8 - 11 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Boreal

Population Information

Global Population[4]: 140,000,000

% Population Estimate USA & Canada[4]: 92.86%
Lower 95% Bound USA & Canada[3]: 100,000,000
Upper 95% Bound USA & Canada[3]: 170,000,000

Continental Population Trend[4]: Significant large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Insects

Behavior Category[2]: Foliage Gleaner

Nesting Category[2]: Tree

Incubation Period[2]: 15 days

Clutch Size[2]: 3 - 11 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: White or creamy, speckled with pale brown and lilac.

Egg length[2]: 1.2 - 1.5 cm

Conservation Status

Continental Importance[4]: Common Bird in Steep Decline

Half Life[4]: 17 years

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 0.7 - 1.1 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

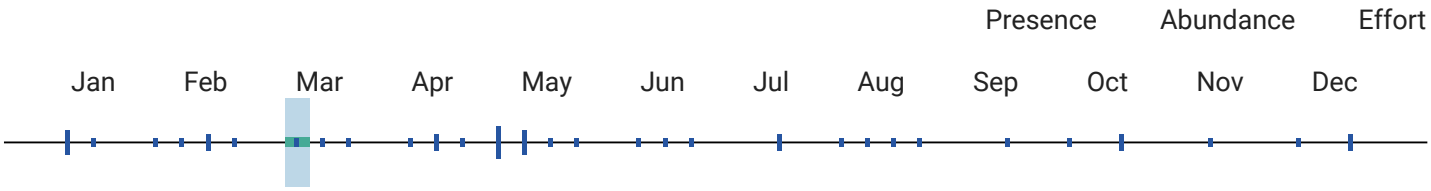
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* GRCA

Physical Details

Weight[2]*:* 23.2 - 56.5 g

Length[2]*:* 21 - 24 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 29,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 27,000,000
Upper 95% Bound USA & Canada[3]: 31,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.28%
Lower 95% Bound BCR[3]: BCR 25 - 48,000
Upper 95% Bound BCR[3]: BCR 25 - 130,000

% State Population (USA only)[3]*:* AR - 0.18%
Lower 95% Bound State[3]: AR - 32,000
Upper 95% Bound State[3]: AR - 82,000

Biology

Food Category[2]*:* Insects

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 12 - 15 days

Clutch Size[2]*:* 1 - 6 eggs

Number of Broods[2]*:* 2 - 3

Egg description[2]*:* Turquoise green, sometimes with small red spots.

Egg length[2]*:* 2.2 - 2.6 cm

Egg width[2]*:* 1.2 - 1.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

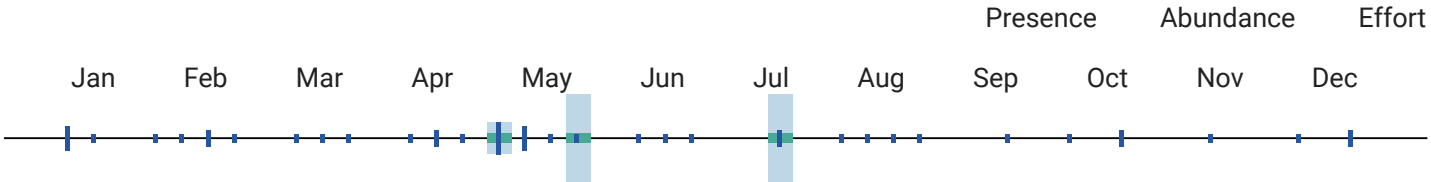
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* GBHE

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Physical Details

Weight[2]*:* 2100 - 2500 g

Length[2]*:* 97 - 137 cm

Population Information

Global Population[4]*:* 700,000

% Population Estimate USA & Canada[4]*:* 88.57%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Fish

Behavior Category[2]*:* Stalking

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 27 - 29 days

Clutch Size[2]*:* 2 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Pale blue, fading slightly with age.

Egg length[2]*:* 6.1 - 7.6 cm

Egg width[2]*:* 4.5 - 5 cm

Breeding time-frame - Start[5]*:* 1-Jan

Breeding time-frame - Stop[5]*:* 31-Dec

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

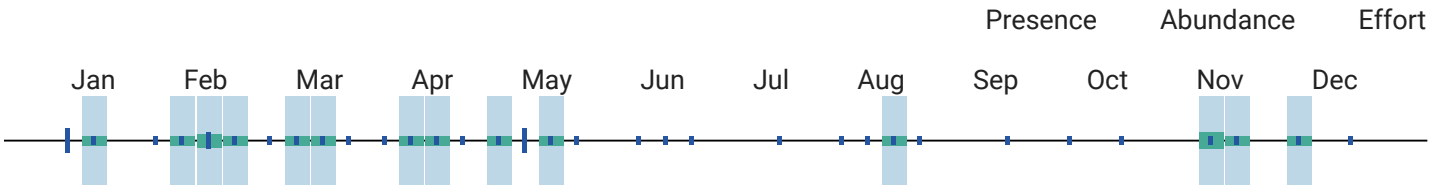
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No - ssp. occidentalis only

BCRs where BCC Breeding[9]*:* 31

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* GCFL

Physical Details

Weight[2]*:* 27 - 40 g

Length[2]*:* 17 - 21 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 8,800,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 8,000,000
Upper 95% Bound USA & Canada[3]: 9,800,000

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 4.55%
Lower 95% Bound BCR[3]: BCR 25 - 280,000
Upper 95% Bound BCR[3]: BCR 25 - 550,000

% State Population (USA only)[3]*:* AR - 3.30%
Lower 95% Bound State[3]: AR - 190,000
Upper 95% Bound State[3]: AR - 420,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Flycatching

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 13 - 15 days

Clutch Size[2]*:* 4 - 8 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Creamy white to pinkish buff splotched with brown, purple, or lavender.

Egg length[2]*:* 2.1 - 2.4 cm

Egg width[2]*:* 1.5 - 1.8 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

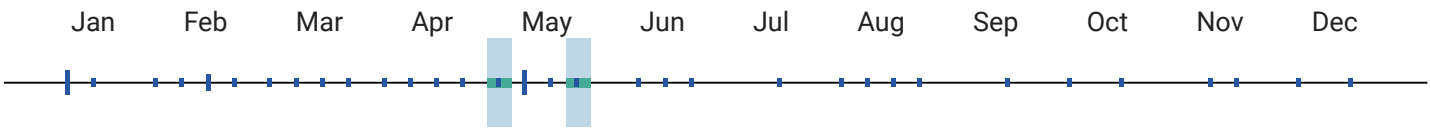
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] 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

Alpha Code[1]: GREG

Physical Details

Weight[2]: 1000 g

Length[2]: 94 - 104 cm

Habitat

Habitat Category[2]: Marshes

Primary Breeding Habitat[4]: Wetlands, Generalist

Population Information

Global Population[4]: 9,500,000

% Population Estimate USA & Canada[4]: 7.47%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Fish

Behavior Category[2]: Stalking

Nesting Category[2]: Tree

Incubation Period[2]: 23 - 27 days

Clutch Size[2]: 1 - 6 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Smooth, pale greenish blue.

Egg length[2]: 5.5 - 6 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: CT, WI

State Endangered[7]: PA

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 4 - 4.3 cm

Breeding time-frame - Start[5]*:* 20-Mar

Breeding time-frame - Stop[5]*:* 1-Aug

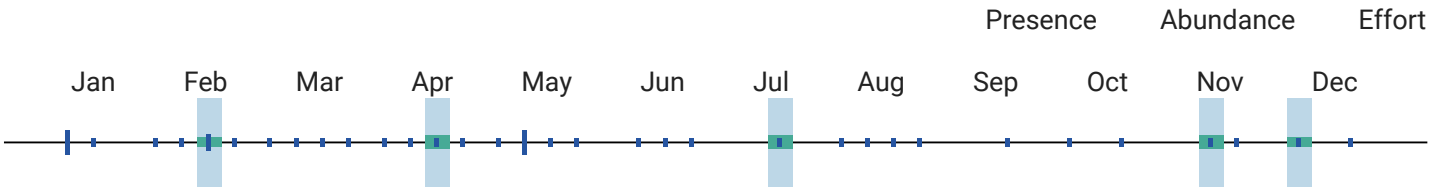
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Greater Scaup
Aythya marila

Global: 1,200,000
Continental U.S. & Canada: 720,000

Common

Alpha Code

Alpha Code[1]*:* GRSC

Physical Details

Weight[2]*:* 726 - 1360 g

Length[2]*:* 39 - 56 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Tundra

Population Information

Global Population[4]*:* 1,200,000

% Population Estimate USA & Canada[4]*:* 60.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Surface Dive

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 23 - 28 days

Clutch Size[2]*:* 5 - 13 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Brownish olive-buff.

Egg length[2]*:* 6.2 - 6.9 cm

Egg width[2]*:* 4.1 - 4.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

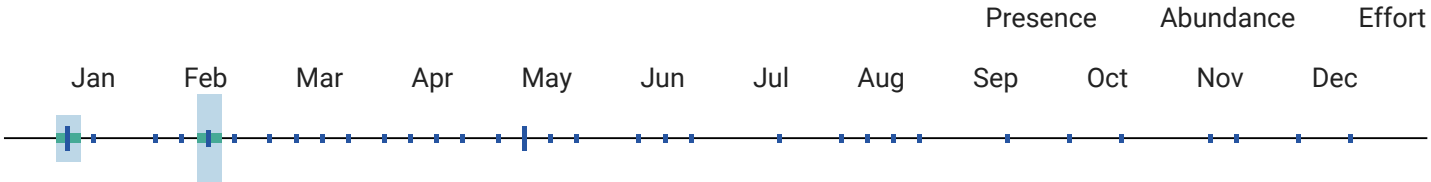
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Greater Yellowlegs

Tringa melanoleuca

Global: 140,000
Continental U.S. & Canada: 140,000

Common

Alpha Code

Alpha Code[1]*:* GRYE

Physical Details

Weight[2]*:* 128 - 219 g

Length[2]*:* 29 - 33 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Boreal

Population Information

Global Population[4]*:* 140,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Probing

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 23 days

Clutch Size[2]*:* 3 - 4 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Gray to brown with dark markings.

Egg length[2]*:* 4.4 - 5.4 cm

Egg width[2]*:* 3.1 - 3.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Orange Watch List; Tipping Point

Half Life[4]*:* 18 years

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

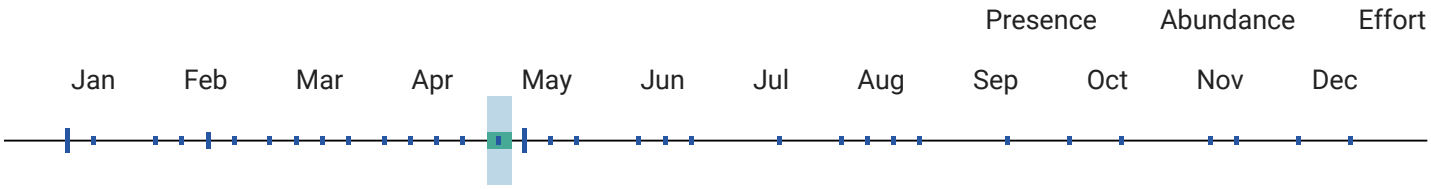
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Physical Details

Alpha Code[1]*:* GWTE

Weight[2]*:* 140 - 500 g

Length[2]*:* 31 - 39 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 6,700,000

% Population Estimate USA & Canada[4]*:* 58.21%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Seeds

Behavior Category[2]*:* Dabbler

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 20 - 23 days

Clutch Size[2]*:* 6 - 9 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Creamy white to pale olive-buff

Egg length[2]*:* 4.3 - 5 cm

Egg width[2]*:* 3.2 - 3.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

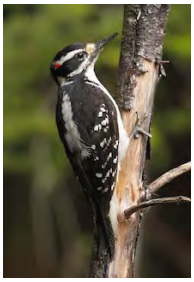
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Hairy Woodpecker

Dryobates villosus

Global: 8,900,000
Continental U.S. & Canada: 8,700,000

Common

Alpha Code

Alpha Code[1]: HAWO

Physical Details

Weight[2]: 40 - 95 g

Length[2]: 18 - 26 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Generalist

Population Information

Global Population[4]: 8,900,000

% Population Estimate USA & Canada[4]: 97.75%
Lower 95% Bound USA & Canada[3]: 7,900,000
Upper 95% Bound USA & Canada[3]: 9,500,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 0.89%
Lower 95% Bound BCR[3]: BCR 25 - 53,000
Upper 95% Bound BCR[3]: BCR 25 - 110,000

% State Population (USA only)[3]: AR - 0.55%
Lower 95% Bound State[3]: AR - 31,000
Upper 95% Bound State[3]: AR - 73,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Bark Forager

Nesting Category[2]: Cavity

Incubation Period[2]: 11 - 12 days

Clutch Size[2]: 3 - 6 eggs

Number of Broods[2]: 1

Egg description[2]: All white.

Egg length[2]: 2.1 - 2.5 cm

Egg width[2]: 1.8 - 1.9 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

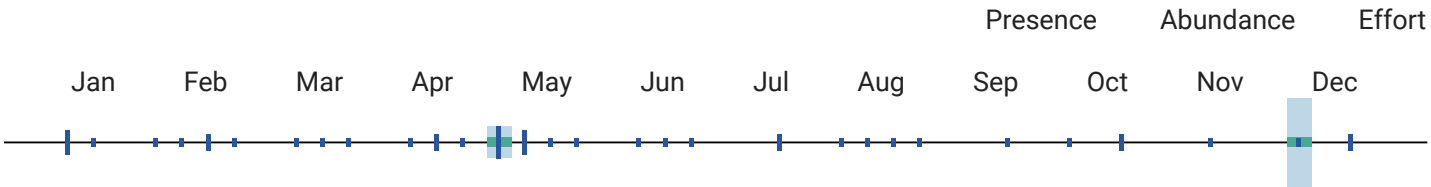
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Herring Gull

Larus argentatus

Global: 3,900,000
Continental U.S. & Canada: 2,900,000

Common

Alpha Code

Alpha Code[1]*:* HERG

Physical Details

Weight[2]*:* 800 - 1250 g

Length[2]*:* 56 - 66 cm

Habitat

Habitat Category[2]*:* Shorelines

Primary Breeding Habitat[4]*:* Coasts, Beach and Estuary

Population Information

Global Population[4]*:* 3,900,000

% Population Estimate USA & Canada[4]*:* 74.36%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Omnivore

Conservation Status

Continental Importance[4]*:* Common Bird in Steep Decline

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 31 - 32 days

Clutch Size[2]*:* 1 - 3 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Light olive, buff, or greenish with darker splotches or speckling.

Egg length[2]*:* 6.5 - 7.6 cm

Egg width[2]*:* 4.8 - 5.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* 23 years

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

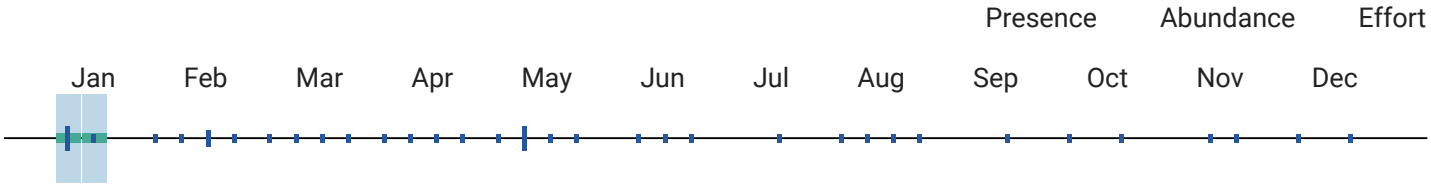
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Hooded Merganser

Lophodytes cucullatus

Global: 1,100,000
Continental U.S. & Canada: 1,100,000

Common

Alpha Code

Alpha Code[1]*:* HOME

Physical Details

Weight[2]*:* 453 - 879 g

Length[2]*:* 40 - 49 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Forested

Population Information

Global Population[4]*:* 1,100,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Fish

Behavior Category[2]*:* Surface Dive

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 26 - 41 days

Clutch Size[2]*:* 5 - 13 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White, nearly spherical, and unusually thick shelled.

Egg length[2]*:* 4.3 - 6.2 cm

Egg width[2]*:* 3.9 - 5.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

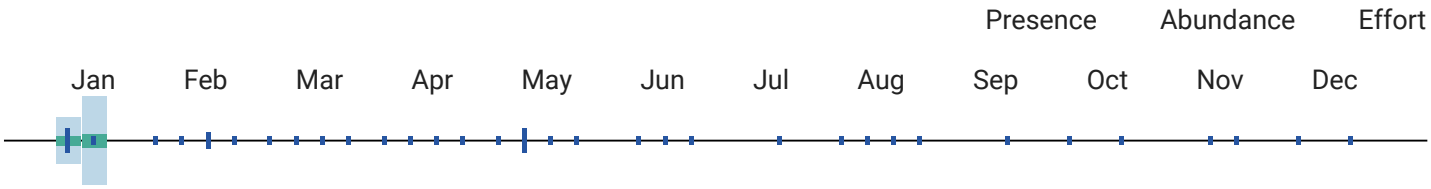
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Physical Details

Alpha Code[1]*:* HOFI

Weight[2]*:* 16 - 27 g

Length[2]*:* 13 - 14 cm

Habitat

Habitat Category[2]*:* Towns

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 40,000,000

% Population Estimate USA & Canada[4]*:* 82.50%
Lower 95% Bound USA & Canada[3]: 30,000,000
Upper 95% Bound USA & Canada[3]: 38,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.40%
Lower 95% Bound BCR[3]: BCR 25 - 88,000
Upper 95% Bound BCR[3]: BCR 25 - 240,000

% State Population (USA only)[3]*:* AR - 0.35%
Lower 95% Bound State[3]: AR - 72,000
Upper 95% Bound State[3]: AR - 240,000

Biology

Food Category[2]*:* Seeds

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 13 - 14 days

Clutch Size[2]*:* 2 - 6 eggs

Number of Broods[2]*:* 1 - 6

Egg description[2]*:* Pale blue to white, speckled with fine black and pale purple.

Egg length[2]*:* 1.6 - 2.1 cm

Egg width[2]*:* 1.3 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] 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

Alpha Code[1]: HOSP

Physical Details

Weight[2]: 27 - 30 g

Length[2]: 15 - 17 cm

Habitat

Habitat Category[2]: Towns

Primary Breeding Habitat[4]: Open Country, Developed/Disturbed

Population Information

Global Population[4]: 740,000,000

% Population Estimate USA & Canada[4]: 12.57%
Lower 95% Bound USA & Canada[3]: 84,000,000
Upper 95% Bound USA & Canada[3]: 100,000,000

Continental Population Trend[4]: Significant large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 0.13%
Lower 95% Bound BCR[3]: BCR 25 - 530,000
Upper 95% Bound BCR[3]: BCR 25 - 1,500,000

% State Population (USA only)[3]: AR - 0.20%
Lower 95% Bound State[3]: AR - 930,000
Upper 95% Bound State[3]: AR - 2,200,000

Biology

Food Category[2]: Omnivore

Behavior Category[2]: Ground Forager

Nesting Category[2]: Cavity

Incubation Period[2]: 10 - 14 days

Clutch Size[2]: 1 - 8 eggs

Number of Broods[2]: 1 - 4

Egg description[2]: Light white to greenish white or bluish white, usually spotted with gray or brown.

Egg length[2]: 2 - 2.2 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Not Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 1.4 - 1.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

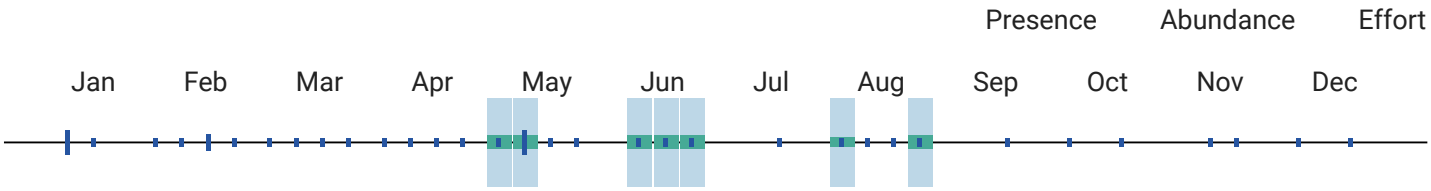
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

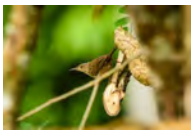
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* HOWR

Physical Details

Weight[2]*:* 10 - 12 g

Length[2]*:* 11 - 13 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Generalist

Population Information

Global Population[4]*:* 190,000,000

% Population Estimate USA & Canada[4]*:* 22.63%
Lower 95% Bound USA & Canada[3]: 40,000,000
Upper 95% Bound USA & Canada[3]: 47,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.00%
Lower 95% Bound BCR[3]: BCR 25 - 500
Upper 95% Bound BCR[3]: BCR 25 - 25,000

% State Population (USA only)[3]*:* AR - 0.01%
Lower 95% Bound State[3]: AR - 2,500
Upper 95% Bound State[3]: AR - 46,000

Biology

Food Category[2]*:* Insects

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 9 - 16 days

Clutch Size[2]*:* 3 - 10 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White, pink-white, or grayish, speckled or blotched with reddish brown.

Egg length[2]*:* 1.4 - 1.9 cm

Egg width[2]*:* 1.1 - 1.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

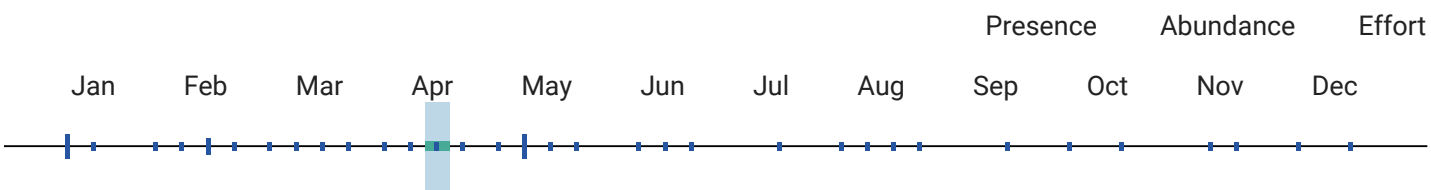
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

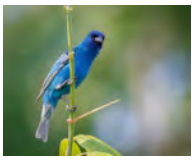
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* INBU

Physical Details

Weight[2]*:* 12 - 18 g

Length[2]*:* 12 - 13 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 77,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 73,000,000
Upper 95% Bound USA & Canada[3]: 82,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 7.79%
Lower 95% Bound BCR[3]: BCR 25 - 4,700,000
Upper 95% Bound BCR[3]: BCR 25 - 7,500,000

% State Population (USA only)[3]*:* AR - 7.40%
Lower 95% Bound State[3]: AR - 4,500,000
Upper 95% Bound State[3]: AR - 7,200,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 11 - 14 days

Clutch Size[2]*:* 3 - 4 eggs

Number of Broods[2]*:* 1 - 3

Egg description[2]*:* Unmarked white; a few have brownish spots.

Egg length[2]*:* 1.7 - 2.1 cm

Egg width[2]*:* 1.3 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

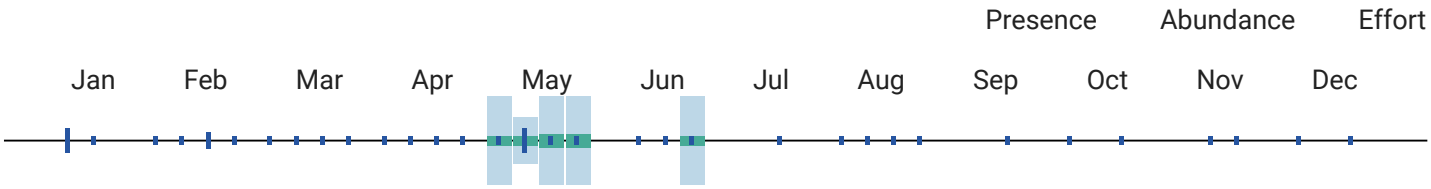
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* KILL

Weight[2]*:* 75 - 128 g

Length[2]*:* 20 - 28 cm

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 2,300,000

% Population Estimate USA & Canada[4]*:* 78.26%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 22 - 28 days

Clutch Size[2]*:* 4 - 6 eggs

Number of Broods[2]*:* 1 - 3

Egg description[2]*:* Buff-colored, heavily marked with blackish-brown.

Egg length[2]*:* 3.8 cm

Egg width[2]*:* 2.7 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Lark Sparrow

Chondestes grammacus

Global: 11,000,000
Continental U.S. & Canada: 11,000,000

State Threatened: TN

State Endangered: OH

Alpha Code

Alpha Code[1]: LASP

Physical Details

Weight[2]: 24 - 33 g

Length[2]: 15 - 17 cm

Habitat

Habitat Category[2]: Grasslands

Primary Breeding Habitat[4]: Open Country, Habitat Mosaic

Population Information

Global Population[4]: 11,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 9,100,000
Upper 95% Bound USA & Canada[3]: 12,000,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 1.18%
Lower 95% Bound BCR[3]: BCR 25 - 68,000
Upper 95% Bound BCR[3]: BCR 25 - 210,000

% State Population (USA only)[3]: AR - 0.42%
Lower 95% Bound State[3]: AR - 22,000
Upper 95% Bound State[3]: AR - 83,000

Biology

Food Category[2]: Seeds

Behavior Category[2]: Ground Forager

Nesting Category[2]: Ground

Incubation Period[2]: 11 - 12 days

Clutch Size[2]: 3 - 6 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Creamy white with dark spots and scrawls.

Egg length[2]: 1.8 - 2.3 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: TN

State Endangered[7]: OH

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 1.5 - 1.7 cm

Breeding time-frame - Start[5]*:* 15-Apr

Breeding time-frame - Stop[5]*:* 15-Aug

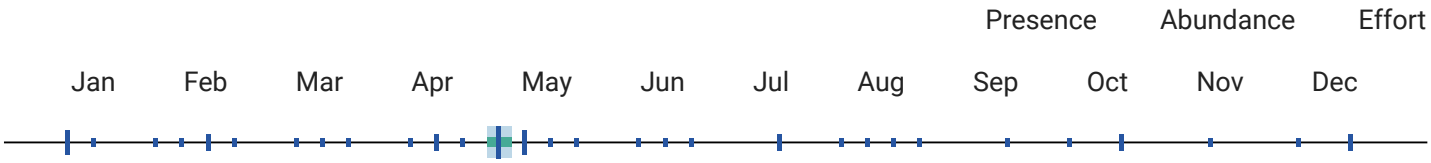
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Le Conte's Sparrow

Ammospiza leconteii

Global: 5,100,000
Continental U.S. & Canada: 5,100,000

BCRBCC Non Breeding: 24,35,26,27,37

BCRBCC Breeding: 11,12,23

Alpha Code

Alpha Code[1]*:* LCSP

Physical Details

Weight[2]*:* 12 - 16.3 g

Length[2]*:* 12 - 13 cm

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Wetlands, Seasonally Wet Grasslands

Population Information

Global Population[4]*:* 5,100,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 4,100,000
Upper 95% Bound USA & Canada[3]: 6,300,000

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Conservation Status

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* Not yet available

Clutch Size[2]*:* 4 - 5 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Pale greenish covered in fine brown specks

Egg length[2]*:* 1.6 - 2 cm

Egg width[2]*:* 1.2 - 1.4 cm

Breeding time-frame - Start[5]*:* 1-Jun

Breeding time-frame - Stop[5]*:* 15-Aug

Continental Importance[4]*:* Orange Watch List; Tipping Point

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

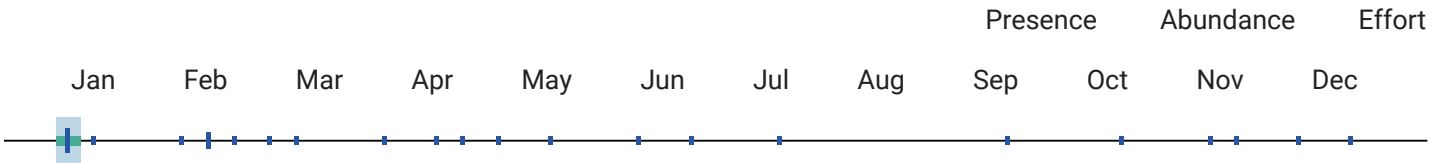
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 11,12,23

BCRs where BCC Non-breeding[9]*:* 24,35,26,27,37

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Least Sandpiper
Calidris minutilla

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

Common

Alpha Code

Alpha Code[1]*:* LESA

Physical Details

Weight[2]*:* 19 - 30 g

Length[2]*:* 13 - 15 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Tundra

Population Information

Global Population[4]*:* 700,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Probing

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 19 - 23 days

Clutch Size[2]*:* 3 - 4 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Pale yellowish-brown, with brown spots or blotches.

Egg length[2]*:* 2.8 - 3 cm

Egg width[2]*:* 2.1 - 2.2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

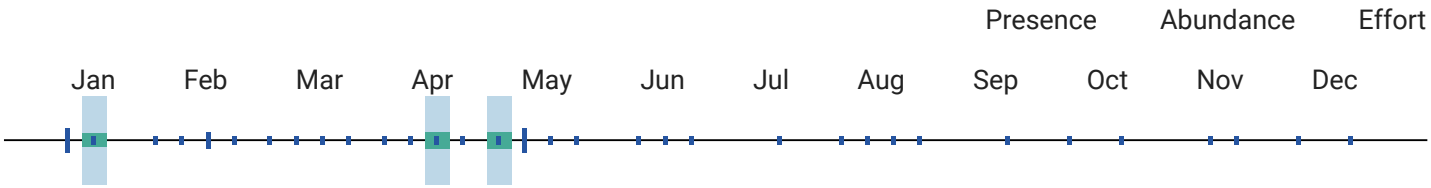
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Least Tern
Sternula antillarum

Global: 120,000
Continental U.S. & Canada: 52,000

Federally Endangered: Ssp. browni only - wherever found

State Threatened: CT, NY, IL, MD, SC

State Endangered: DE, ME, NH, NJ, CO, IN, IA, KS, KY, NE, NM, (OR, CA - ssp. browni only), (TX, LA, MS, MO, SD, TN - ssp. athalassos only)

BCRBCC Breeding: 27,30,31,37

Alpha Code

Alpha Code[1]: LETE

Habitat

Habitat Category[2]: Shorelines

Primary Breeding Habitat[4]: Coasts, Beach and Estuary

Biology

Food Category[2]: Fish

Behavior Category[2]: Aerial Dive (water)

Nesting Category[2]: Ground

Incubation Period[2]: 19 - 25 days

Clutch Size[2]: 1 - 3 eggs

Number of Broods[2]: 1

Egg description[2]: Beige to light olive, splotched with brown or black.

Egg length[2]: 2.36 - 3.57 cm

Egg width[2]: 2.07 - 2.53 cm

Breeding time-frame - Start[5]: 20-Apr

Breeding time-frame - Stop[5]: 10-Sep

Physical Details

Weight[2]: 36 - 54 g

Length[2]: 21 - 23 cm

Population Information

Global Population[4]: 120,000

% Population Estimate USA & Canada[4]: 43.33%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Conservation Status

Continental Importance[4]: Orange Watch List; Tipping Point

Half Life[4]: 20 years

Federally Threatened[6]: No

Federally Endangered[6]: Ssp. browni only - wherever found

State Threatened[7]: CT, NY, IL, MD, SC

State Endangered[7]: DE, ME, NH, NJ, CO, IN, IA, KS, KY, NE, NM, (OR, CA - ssp. browni only), (TX, LA, MS, MO, SD, TN - ssp. athalassos only)

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

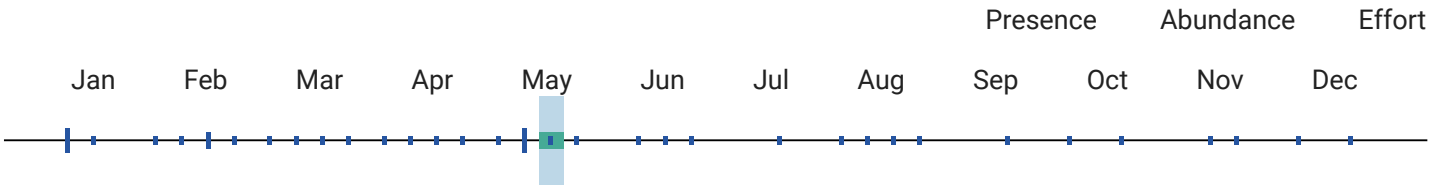
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Yes - ssp. antillarum and athalassos only

BCRs where BCC Breeding[9]*:* 27,30,31,37

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* LESC

Physical Details

Weight[2]*:* 454 - 1089 g

Length[2]*:* 39 - 46 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Lakes and Rivers

Population Information

Global Population[4]*:* 3,700,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Surface Dive

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 21 - 27 days

Clutch Size[2]*:* 6 - 14 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Pale to dark olive or greenish buff.

Egg length[2]*:* 5.7 cm

Egg width[2]*:* 3.9 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

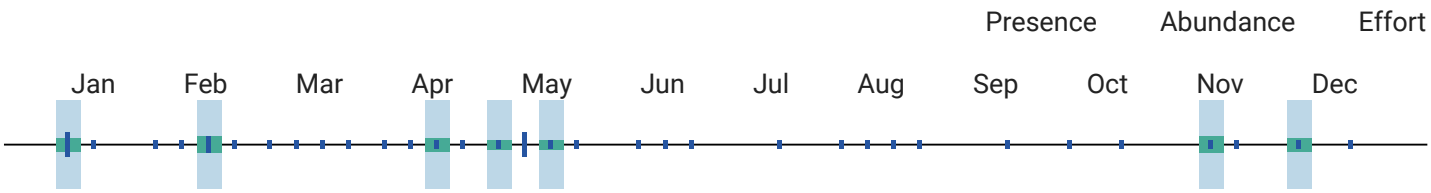
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Lesser Yellowlegs

Tringa flavipes

Global: 660,000
Continental U.S. & Canada: 660,000

BCRBCC Non Breeding: 5,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,26,27,30,31,36,37, 101

BCRBCC Breeding: 4

Alpha Code

Alpha Code[1]*:* LEYE

Physical Details

Weight[2]*:* 79.5 - 90.9 g

Length[2]*:* 23 - 27 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Boreal

Population Information

Global Population[4]*:* 660,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Probing

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 22 - 23 days

Clutch Size[2]*:* 3 - 5 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Gray with brown markings.

Egg length[2]*:* 3.9 - 4.7 cm

Egg width[2]*:* 2.7 - 3.1 cm

Breeding time-frame - Start[5]*:* 1-May

Breeding time-frame - Stop[5]*:* 15-Aug

Conservation Status

Continental Importance[4]*:* Orange Watch List; Tipping Point

Half Life[4]*:* 9 years

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

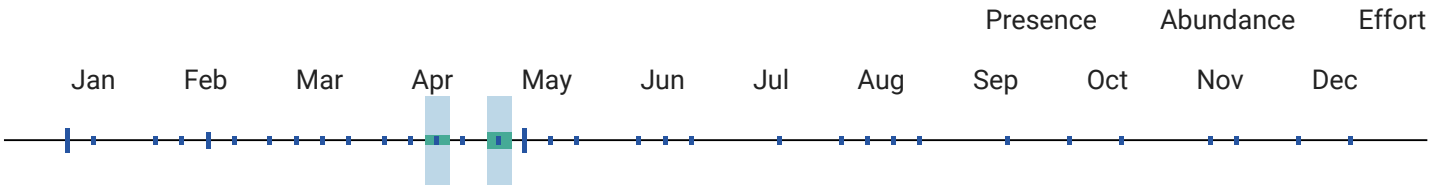
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 4

BCRs where BCC Non-breeding[9]*:* 5,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,26,27,30,31,36
101

More information on BCR's

Phenology Graph



[10] 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

Alpha Code

Alpha Code[1]*:* LISP

Physical Details

Weight[2]*:* 17 - 19 g

Length[2]*:* 13 - 15 cm

Habitat

Habitat Category[2]*:* Scrub

Primary Breeding Habitat[4]*:* Wetlands, Boreal

Population Information

Global Population[4]*:* 88,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 78,000,000
Upper 95% Bound USA & Canada[3]: 99,000,000

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 10 - 13 days

Clutch Size[2]*:* 3 - 5 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Pale greenish to pinkish white with brown specks and blotches.

Egg length[2]*:* 1.7 - 2.2 cm

Egg width[2]*:* 1.3 - 1.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

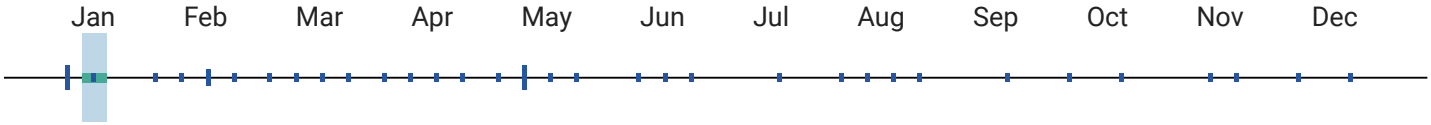
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Louisiana Waterthrush

Parkesia motacilla

Global: 450,000
Continental U.S. & Canada: 450,000

State Threatened: MI

Alpha Code

Alpha Code[1]: LOWA

Physical Details

Weight[2]: 18.2 - 22.9 g

Length[2]: 15 - 15.5 cm

Habitat

Habitat Category[2]: Rivers and Streams

Primary Breeding Habitat[4]: Wetlands, Lakes and Rivers

Population Information

Global Population[4]: 450,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 380,000
Upper 95% Bound USA & Canada[3]: 530,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 4.00%
Lower 95% Bound BCR[3]: BCR 25 - 9,200
Upper 95% Bound BCR[3]: BCR 25 - 30,000

% State Population (USA only)[3]: AR - 4.22%
Lower 95% Bound State[3]: AR - 7,900
Upper 95% Bound State[3]: AR - 35,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Ground Forager

Nesting Category[2]: Ground

Incubation Period[2]: 10 - 14 days

Clutch Size[2]: 2 - 6 eggs

Number of Broods[2]: 1

Egg description[2]: Creamy white with reddish brown splotches, usually concentrated around larger end.

Egg length[2]: 1.9 - 2.2 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: MI

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 1.5 - 1.7 cm

Breeding time-frame - Start[5]*:* 15-Apr

Breeding time-frame - Stop[5]*:* 31-Jul

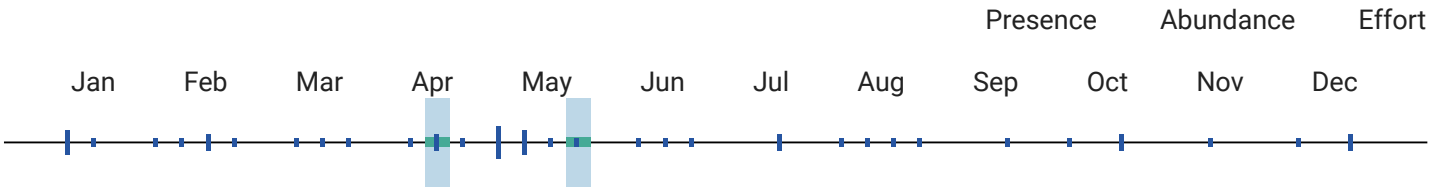
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* MALL

Physical Details

Weight[2]*:* 1000 - 1300 g

Length[2]*:* 50 - 65 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 19,000,000

% Population Estimate USA & Canada[4]*:* 57.89%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Omnivore

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Dabbler

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 23 - 30 days

Clutch Size[2]*:* 1 - 13 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Unmarked creamy to grayish or greenish buff.

Egg length[2]*:* 5.3 - 6.4 cm

Egg width[2]*:* 3.9 - 4.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

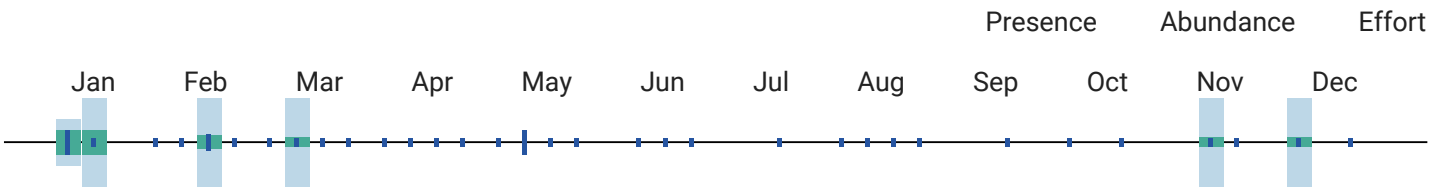
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Mississippi Kite

Ictinia mississippiensis

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

Common

Alpha Code

Alpha Code[1]*:* MIKI

Physical Details

Weight[2]*:* 216 - 269 g

Length[2]*:* 34 - 37 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 700,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 540,000
Upper 95% Bound USA & Canada[3]: 880,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 9.14%
Lower 95% Bound BCR[3]: BCR 25 - 39,000
Upper 95% Bound BCR[3]: BCR 25 - 92,000

% State Population (USA only)[3]*:* AR - 6.43%
Lower 95% Bound State[3]: AR - 23,000
Upper 95% Bound State[3]: AR - 77,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Flycatching

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 29 - 32 days

Clutch Size[2]*:* 1 - 3 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Dull white.

Egg length[2]*:* 4 - 4.3 cm

Egg width[2]*:* 3.3 - 3.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

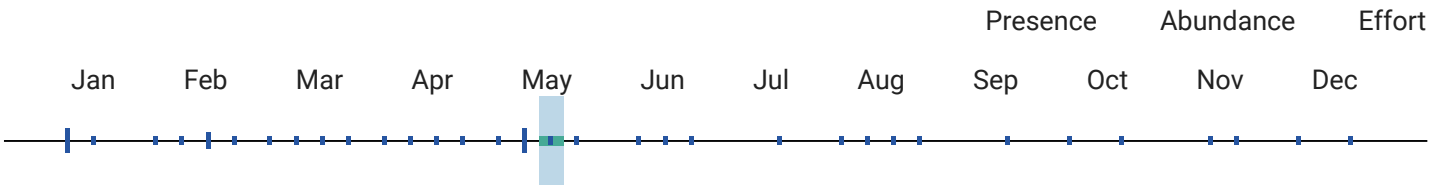
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Physical Details

Alpha Code[1]*:* MODO

Weight[2]*:* 96 - 170 g

Length[2]*:* 23 - 34 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 150,000,000

% Population Estimate USA & Canada[4]*:* 86.67%
Lower 95% Bound USA & Canada[3]: 120,000,000
Upper 95% Bound USA & Canada[3]: 140,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 1.47%
Lower 95% Bound BCR[3]: BCR 25 - 1,600,000
Upper 95% Bound BCR[3]: BCR 25 - 2,900,000

% State Population (USA only)[3]*:* AR - 1.40%
Lower 95% Bound State[3]: AR - 1,400,000
Upper 95% Bound State[3]: AR - 3,100,000

Biology

Food Category[2]*:* Seeds

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 14 days

Clutch Size[2]*:* 2 eggs

Number of Broods[2]*:* 1 - 6

Egg description[2]*:* Unmarked, white.

Egg length[2]*:* 2.6 - 3 cm

Egg width[2]*:* 2.1 - 2.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

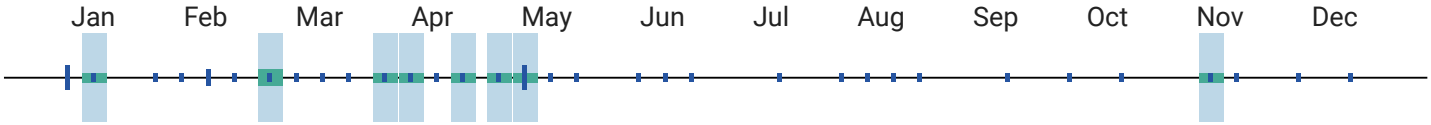
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] 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[1]: NAWA

Physical Details

Weight[2]: 6.7 - 13.9 g

Length[2]: 11 - 13 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Boreal

Population Information

Global Population[4]: 40,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 34,000,000
Upper 95% Bound USA & Canada[3]: 46,000,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Insects

Behavior Category[2]: Foliage Gleaner

Nesting Category[2]: Ground

Incubation Period[2]: 11 - 12 days

Clutch Size[2]: 4 - 5 eggs

Number of Broods[2]: 1

Egg description[2]: White, usually specked with brown.

Egg length[2]: 1.4 - 1.7 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: MD

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 1.1 - 1.3 cm

Breeding time-frame - Start[5]*:* 20-May

Breeding time-frame - Stop[5]*:* 25-Jul

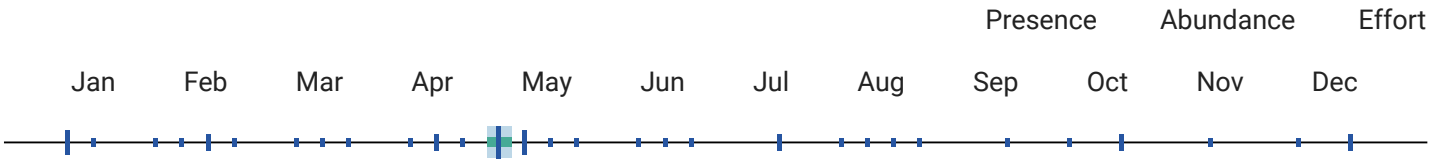
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

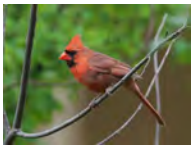
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* NOCA

Physical Details

Weight[2]*:* 42 - 48 g

Length[2]*:* 21 - 23 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 130,000,000

% Population Estimate USA & Canada[4]*:* 92.31%
Lower 95% Bound USA & Canada[3]: 110,000,000
Upper 95% Bound USA & Canada[3]: 130,000,000

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 8.46%
Lower 95% Bound BCR[3]: BCR 25 - 8,300,000
Upper 95% Bound BCR[3]: BCR 25 - 15,000,000

% State Population (USA only)[3]*:* AR - 4.15%
Lower 95% Bound State[3]: AR - 3,800,000
Upper 95% Bound State[3]: AR - 7,300,000

Biology

Food Category[2]*:* Seeds

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 11 - 13 days

Clutch Size[2]*:* 2 - 5 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Grayish white, buffy white, or greenish white speckled with pale gray to brown.

Egg length[2]*:* 2.2 - 2.7 cm

Egg width[2]*:* 1.7 - 2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

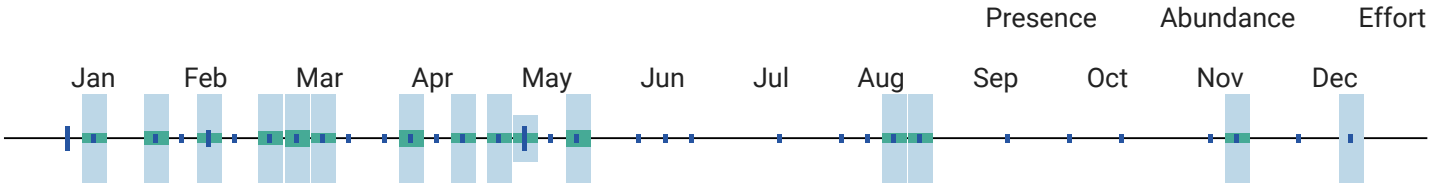
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

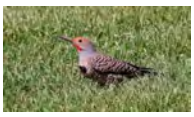
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* NOFL

Physical Details

Weight[2]*:* 110 - 160 g

Length[2]*:* 28 - 31 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Generalist

Population Information

Global Population[4]*:* 12,000,000

% Population Estimate USA & Canada[4]*:* 91.67%
Lower 95% Bound USA & Canada[3]: 10,000,000
Upper 95% Bound USA & Canada[3]: 12,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.35%
Lower 95% Bound BCR[3]: BCR 25 - 26,000
Upper 95% Bound BCR[3]: BCR 25 - 63,000

% State Population (USA only)[3]*:* AR - 0.26%
Lower 95% Bound State[3]: AR - 18,000
Upper 95% Bound State[3]: AR - 50,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 11 - 13 days

Clutch Size[2]*:* 5 - 8 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* All white.

Egg length[2]*:* 1.9 - 3.6 cm

Egg width[2]*:* 1.6 - 3.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

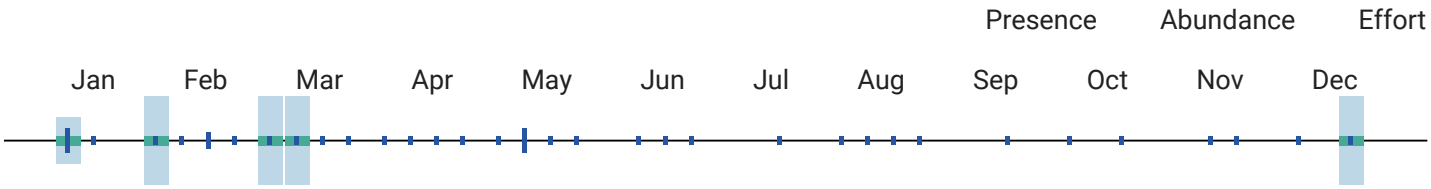
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Northern Harrier
Circus hudsonius

Global: 820,000
Continental U.S. & Canada: 820,000

State Threatened: MA, NY, PA

State Endangered: CT, DE, NH, NJ, RI, OH, IN, IA, MO

BCRBCC Breeding: 16,17,19

Alpha Code

Alpha Code[1]*:* NOHA

Physical Details

Weight[2]*:* 300 - 750 g

Length[2]*:* 46 - 50 cm

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Grasslands, Temperate

Population Information

Global Population[4]*:* 820,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 730,000
Upper 95% Bound USA & Canada[3]: 920,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* AR - 0.01%
Lower 95% Bound State[3]: AR - 0
Upper 95% Bound State[3]: AR - 390

Biology

Food Category[2]*:* Mammals

Behavior Category[2]*:* Aerial Dive (ground/talons)

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 28 - 36 days

Clutch Size[2]*:* 4 - 5 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Dull white, usually with no markings.

Egg length[2]*:* 4.1 - 5.3 cm

Egg width[2]*:* 3.2 - 4 cm

Breeding time-frame - Start[5]*:* 1-Apr

Breeding time-frame - Stop[5]*:* 15-Sep

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* MA, NY, PA

State Endangered[7]*:* CT, DE, NH, NJ, RI, OH, IN, IA, MO

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No

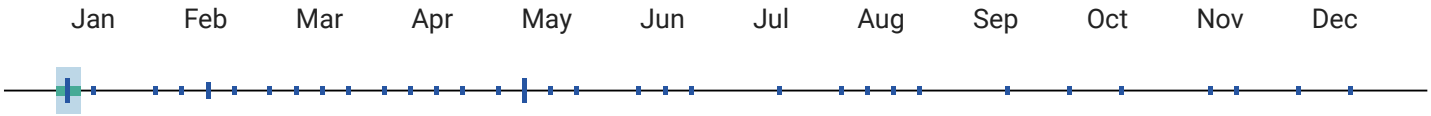
BCRs where BCC Breeding[9]*:* 16,17,19

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] 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[1]: NOMO

Physical Details

Weight[2]: 45 - 58 g

Length[2]: 21 - 26 cm

Habitat

Habitat Category[2]: Towns

Primary Breeding Habitat[4]: Open Country, Habitat Mosaic

Population Information

Global Population[4]: 43,000,000

% Population Estimate USA & Canada[4]: 79.07%
Lower 95% Bound USA & Canada[3]: 31,000,000
Upper 95% Bound USA & Canada[3]: 37,000,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 4.88%
Lower 95% Bound BCR[3]: BCR 25 - 1,500,000
Upper 95% Bound BCR[3]: BCR 25 - 3,000,000

% State Population (USA only)[3]: AR - 2.33%
Lower 95% Bound State[3]: AR - 680,000
Upper 95% Bound State[3]: AR - 1,400,000

Biology

Food Category[2]: Omnivore

Behavior Category[2]: Ground Forager

Nesting Category[2]: Shrub

Incubation Period[2]: 12 - 13 days

Clutch Size[2]: 2 - 6 eggs

Number of Broods[2]: 2 - 3

Egg description[2]: Pale blue or greenish white splotched with red or brown.

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg length[2]*:* 2 - 2.9 cm

Egg width[2]*:* 1.6 - 2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

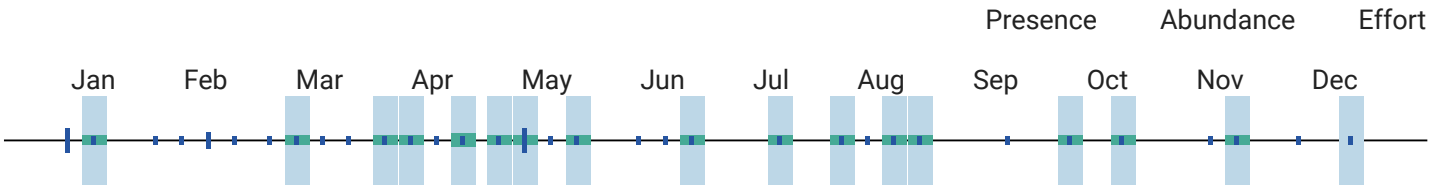
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* NOPA

Physical Details

Weight[2]*:* 5 - 11 g

Length[2]*:* 11 - 12 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 18,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 17,000,000
Upper 95% Bound USA & Canada[3]: 20,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 2.17%
Lower 95% Bound BCR[3]: BCR 25 - 270,000
Upper 95% Bound BCR[3]: BCR 25 - 540,000

% State Population (USA only)[3]*:* AR - 2.67%
Lower 95% Bound State[3]: AR - 330,000
Upper 95% Bound State[3]: AR - 670,000

Biology

Food Category[2]*:* Insects

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 2 - 7 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White to creamy-white, speckled with red, brown, purple, or gray.

Egg length[2]*:* 1.5 - 1.8 cm

Egg width[2]*:* 1.2 - 1.3 cm

Breeding time-frame - Start[5]*:* 5-Apr

Breeding time-frame - Stop[5]*:* 15-Aug

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* MA

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

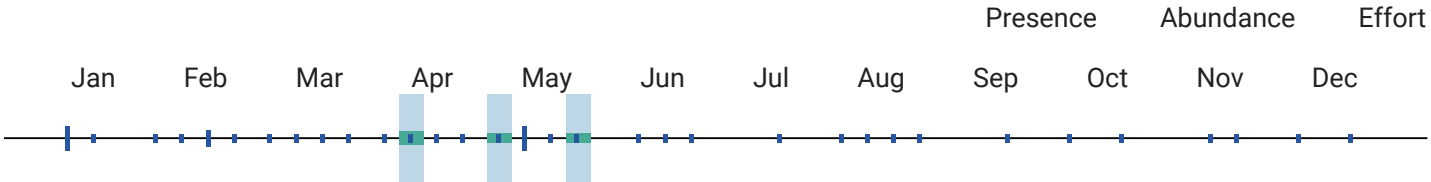
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

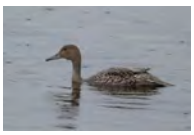
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Northern Pintail

Anas acuta

Global: 5,100,000
Continental U.S. & Canada: 3,200,000

Common

Alpha Code

Alpha Code[1]*:* NOPI

Physical Details

Weight[2]*:* 500 - 1450 g

Length[2]*:* 51 - 76 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Seasonally Wet Grasslands

Population Information

Global Population[4]*:* 5,100,000

% Population Estimate USA & Canada[4]*:* 62.75%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Omnivore

Behavior Category[2]*:* Dabbler

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 22 - 24 days

Clutch Size[2]*:* 3 - 12 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Greenish buff.

Egg length[2]*:* 4.9 - 5.8 cm

Egg width[2]*:* 3.3 - 4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Yellow Watch List; Tipping Point

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

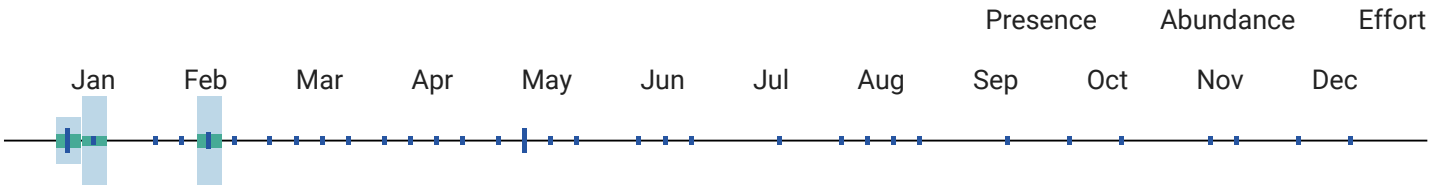
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* NRWS

Physical Details

Weight[2]*:* 10 - 18 g

Length[2]*:* 12 - 15 cm

Habitat

Habitat Category[2]*:* Rivers and Streams

Primary Breeding Habitat[4]*:* Open Country Aerial, Habitat Mosaic

Population Information

Global Population[4]*:* 27,000,000

% Population Estimate USA & Canada[4]*:* 74.07%
Lower 95% Bound USA & Canada[3]: 15,000,000
Upper 95% Bound USA & Canada[3]: 27,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.67%
Lower 95% Bound BCR[3]: BCR 25 - 89,000
Upper 95% Bound BCR[3]: BCR 25 - 310,000

% State Population (USA only)[3]*:* AR - 1.22%
Lower 95% Bound State[3]: AR - 160,000
Upper 95% Bound State[3]: AR - 610,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Aerial Forager

Nesting Category[2]*:* Burrow

Incubation Period[2]*:* 16 - 17 days

Clutch Size[2]*:* 4 - 8 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White.

Egg length[2]*:* 1.8 - 1.9 cm

Egg width[2]*:* 1.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

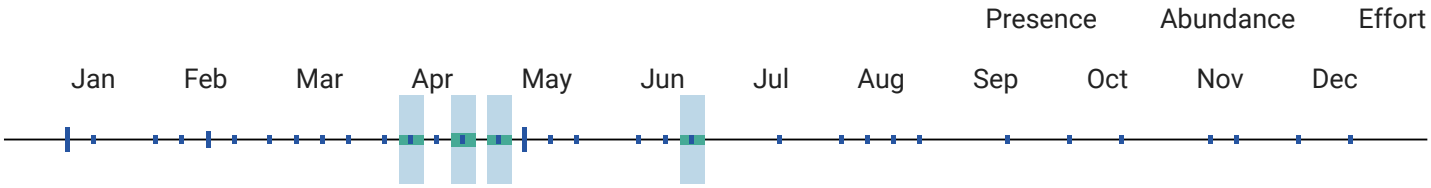
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]: NSHO

Physical Details

Weight[2]: 400 - 820 g

Length[2]: 44 - 51 cm

Habitat

Habitat Category[2]: Marshes

Primary Breeding Habitat[4]: Wetlands, Seasonally Wet Grasslands

Population Information

Global Population[4]: 5,900,000

% Population Estimate USA & Canada[4]: 74.58%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Omnivore

Behavior Category[2]: Dabbler

Nesting Category[2]: Ground

Incubation Period[2]: 22 - 25 days

Clutch Size[2]: 8 - 12 eggs

Number of Broods[2]: 1

Egg description[2]: Pale greenish gray or olive-buff.

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Egg length[2]*:* 4.6 - 5.7 cm

Egg width[2]*:* 3.3 - 3.9 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Bird of Conservation Concern (BCC)[9]*:* No

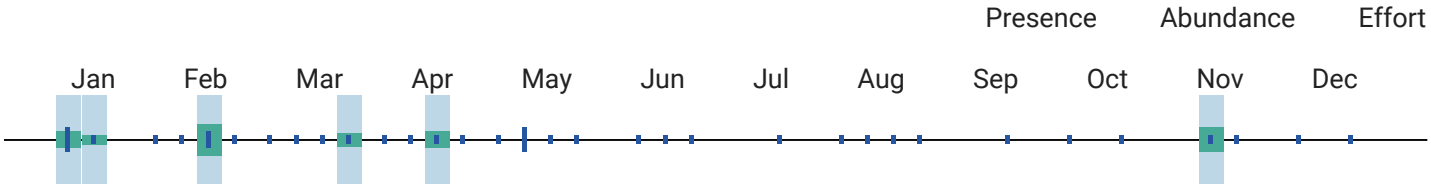
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

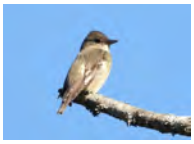
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* OSFL

Physical Details

Weight[2]*:* 28 - 40.4 g

Length[2]*:* 18 - 20 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Boreal

Population Information

Global Population[4]*:* 1,900,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 1,600,000
Upper 95% Bound USA & Canada[3]: 2,300,000

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Conservation Status

Food Category[2]*:* Insects

Behavior Category[2]*:* Flycatching

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 15 - 19 days

Clutch Size[2]*:* 3 - 4 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Creamy white or buff with ring of brownish spots on large end.

Egg length[2]*:* 2 - 2.4 cm

Egg width[2]*:* 1.5 - 1.7 cm

Breeding time-frame - Start[5]*:* 20-May

Breeding time-frame - Stop[5]*:* 31-Aug

Continental Importance[4]*:* Yellow Watch List; Tipping Point

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

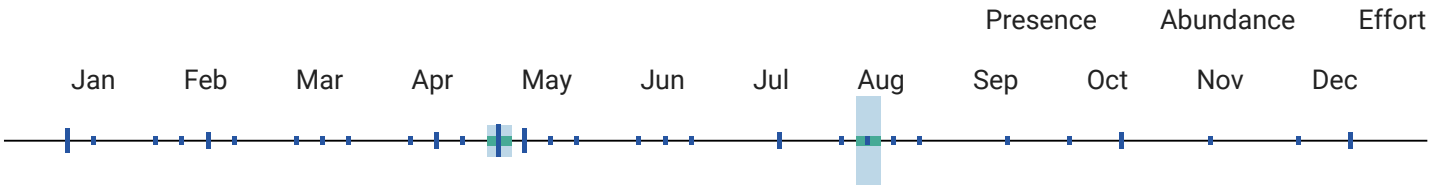
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 2,3,5,9,10,12,14,15,16,32,34

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* OROR

Physical Details

Weight[2]*:* 16 - 28 g

Length[2]*:* 15 - 18 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 12,000,000

% Population Estimate USA & Canada[4]*:* 91.67%
Lower 95% Bound USA & Canada[3]: 9,900,000
Upper 95% Bound USA & Canada[3]: 12,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 5.92%
Lower 95% Bound BCR[3]: BCR 25 - 530,000
Upper 95% Bound BCR[3]: BCR 25 - 940,000

% State Population (USA only)[3]*:* AR - 4.58%
Lower 95% Bound State[3]: AR - 380,000
Upper 95% Bound State[3]: AR - 760,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 4 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Light blue or gray, with dark markings of purple, brown, black, or gray.

Egg length[2]*:* 1.9 - 2.3 cm

Egg width[2]*:* 1.4 - 1.5 cm

Breeding time-frame - Start[5]*:* 10-Jun

Breeding time-frame - Stop[5]*:* 15-Aug

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

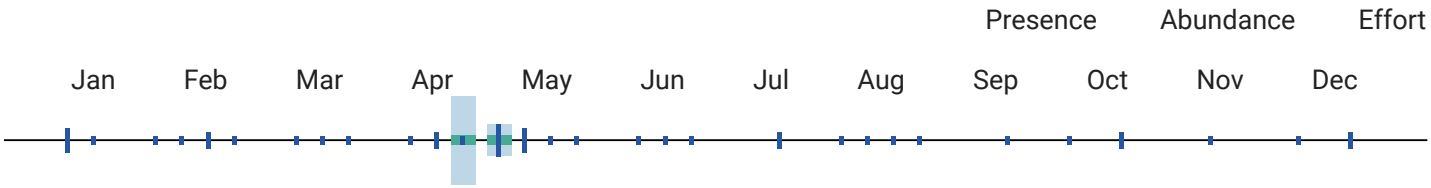
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No

BCRs where BCC Breeding[9]*:* 36

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* OSPR

Physical Details

Weight[2]*:* 1400 - 2000 g

Length[2]*:* 54 - 58 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Lakes and Rivers

Population Information

Global Population[4]*:* 1,200,000

% Population Estimate USA & Canada[4]*:* 33.33%
Lower 95% Bound USA & Canada[3]: 330,000
Upper 95% Bound USA & Canada[3]: 480,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.04%
Lower 95% Bound BCR[3]: BCR 25 - 0
Upper 95% Bound BCR[3]: BCR 25 - 1,400

% State Population (USA only)[3]*:* AR - 0.01%
Lower 95% Bound State[3]: AR - 0
Upper 95% Bound State[3]: AR - 290

Biology

Food Category[2]*:* Fish

Behavior Category[2]*:* Aerial Dive (ground/talons)

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 36 - 42 days

Clutch Size[2]*:* 1 - 4 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Cream to pinkish cinnamon; wreathed and spotted with reddish brown.

Egg length[2]*:* 5.5 - 6.8 cm

Egg width[2]*:* 4.2 - 5 cm

Breeding time-frame - Start[5]*:* 15-Apr

Breeding time-frame - Stop[5]*:* 5-Sep

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* NJ, IL, SD

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

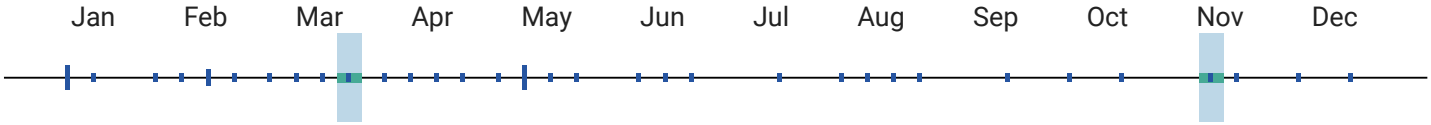
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] 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[1]: PABU

Physical Details

Weight[2]: 13 - 19 g

Length[2]: 12 - 13 cm

Habitat

Habitat Category[2]: Scrub

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 15,000,000

% Population Estimate USA & Canada[4]: 86.67%
Lower 95% Bound USA & Canada[3]: 11,000,000
Upper 95% Bound USA & Canada[3]: 15,000,000

Continental Population Trend[4]: Small increase or stable

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 5.87%
Lower 95% Bound BCR[3]: BCR 25 - 580,000
Upper 95% Bound BCR[3]: BCR 25 - 1,200,000

% State Population (USA only)[3]: AR - 2.00%
Lower 95% Bound State[3]: AR - 170,000
Upper 95% Bound State[3]: AR - 450,000

Biology

Food Category[2]: Seeds

Behavior Category[2]: Ground Forager

Nesting Category[2]: Shrub

Incubation Period[2]: 11 - 12 days

Clutch Size[2]: 3 - 4 eggs

Number of Broods[2]: 1 - 3

Egg description[2]: Grayish or pale bluish white, with fine speckles of brown and gray.

Egg length[2]: 1.8 - 2.1 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

Egg width[2]*:* 1.4 - 1.5 cm

Breeding time-frame - Start[5]*:* 25-Apr

Breeding time-frame - Stop[5]*:* 15-Aug

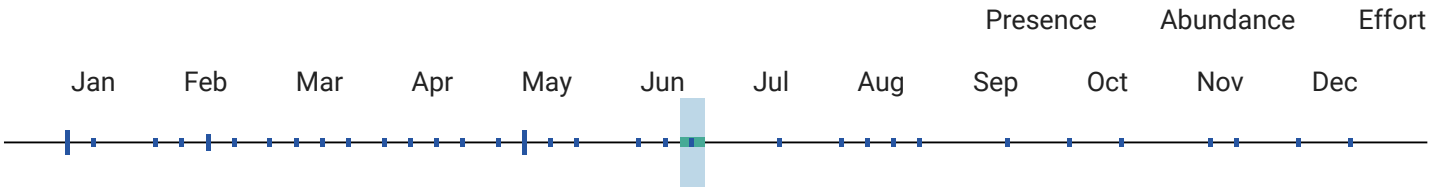
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No

BCRs where BCC Breeding[9]*:* 20,27,31,36,37

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Pectoral Sandpiper

Calidris melanotos

Global: 1,600,000
Continental U.S. & Canada: 1,500,000

BCRBCC Non Breeding: 9,11,12,13,16,18,19,20,21,22,23,25, 26,27,30,31,36,37

BCRBCC Breeding: 3

Alpha Code

Alpha Code[1]*:* PESA

Physical Details

Weight[2]*:* 41 - 105 g

Length[2]*:* Not yet available

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Wetlands, Tundra

Population Information

Global Population[4]*:* 1,600,000

% Population Estimate USA & Canada[4]*:* 93.75%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Conservation Status

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Probing

Nesting Category[2]*:* Ground

Incubation Period[2]*:* Not yet available

Clutch Size[2]*:* Not yet available

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Dull white, cream, buff, or olive, marked with brown, purple, and gray.

Egg length[2]*:* Not yet available

Egg width[2]*:* Not yet available

Breeding time-frame - Start[5]*:* 5-Jun

Breeding time-frame - Stop[5]*:* 5-Aug

Continental Importance[4]*:* Orange Watch List; Tipping Point

Half Life[4]*:* 16 years

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

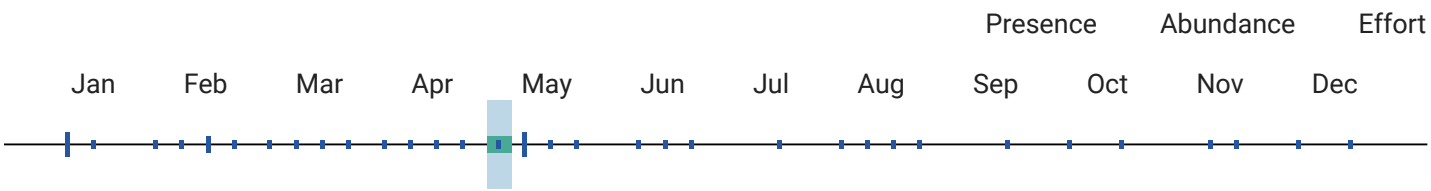
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 3

BCRs where BCC Non-breeding[9]*:* 9,11,12,13,16,18,19,20,21,22,23,25,26,27,30,31,36,37

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Philadelphia Vireo

Vireo philadelphicus

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

Common

Alpha Code

Alpha Code[1]*:* PHVI

Physical Details

Weight[2]*:* 10.3 - 16.1 g

Length[2]*:* 10.7 - 12.5 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Boreal

Population Information

Global Population[4]*:* 4,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 3,000,000
Upper 95% Bound USA & Canada[3]: 5,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 11 - 13 days

Clutch Size[2]*:* 3 - 4 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Not yet available

Egg length[2]*:* 1.78 - 2.17 cm

Egg width[2]*:* 1.3 - 1.53 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

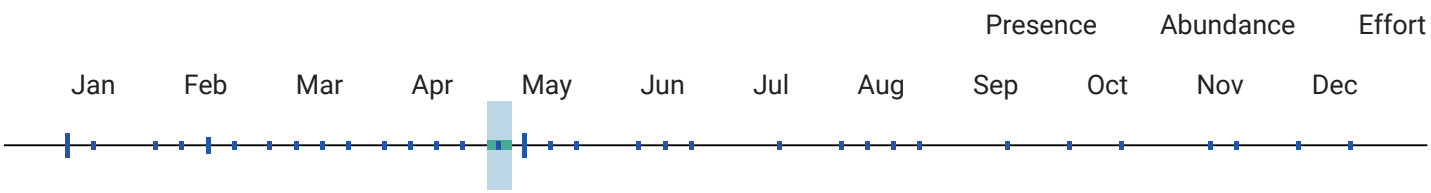
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

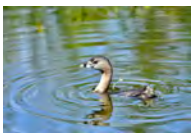
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* PBGR

Physical Details

Weight[2]*:* 253 - 568 g

Length[2]*:* 30 - 38 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Freshwater Marsh

Population Information

Global Population[4]*:* 3,100,000

% Population Estimate USA & Canada[4]*:* 35.48%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Surface Dive

Nesting Category[2]*:* Floating

Incubation Period[2]*:* 23 - 27 days

Clutch Size[2]*:* 2 - 10 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Bluish white to greenish white, rarely turquoise, and unmarked.

Egg length[2]*:* 3.8 - 5 cm

Egg width[2]*:* 2.7 - 3.2 cm

Breeding time-frame - Start[5]*:* 15-Feb

Breeding time-frame - Stop[5]*:* 15-Nov

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* NH, NY

State Endangered[7]*:* MA, CT, DE, NJ, RI

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

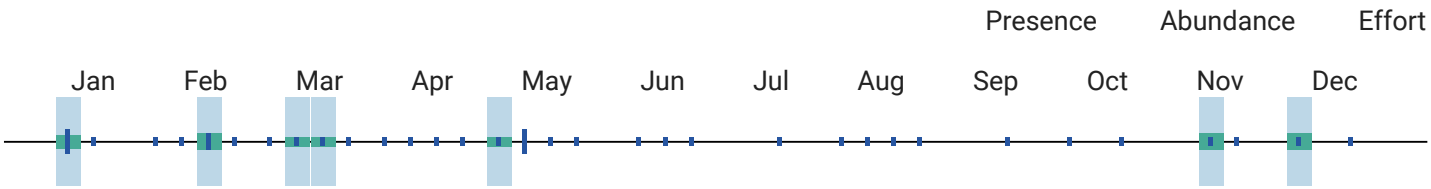
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

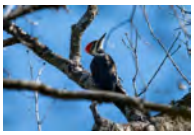
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Pileated Woodpecker

Dryocopus pileatus

Global: 2,600,000
Continental U.S. & Canada: 2,600,000

Common

Alpha Code

Alpha Code[1]: PIWO

Physical Details

Weight[2]: 250 - 350 g

Length[2]: 40 - 49 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Generalist

Population Information

Global Population[4]: 2,600,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 2,400,000
Upper 95% Bound USA & Canada[3]: 2,900,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 5.00%
Lower 95% Bound BCR[3]: BCR 25 - 95,000
Upper 95% Bound BCR[3]: BCR 25 - 180,000

% State Population (USA only)[3]: AR - 3.15%
Lower 95% Bound State[3]: AR - 54,000
Upper 95% Bound State[3]: AR - 120,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Bark Forager

Nesting Category[2]: Cavity

Incubation Period[2]: 15 - 18 days

Clutch Size[2]: 3 - 5 eggs

Number of Broods[2]: 1

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Egg description[2]*:* White.

Egg length[2]*:* 3 - 3.5 cm

Egg width[2]*:* 2.4 - 2.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

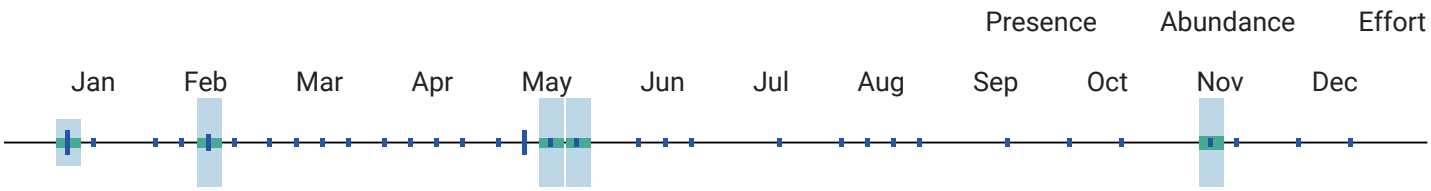
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* PIWA

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Physical Details

Weight[2]*:* 9 - 15 g

Length[2]*:* 13 - 14 cm

Population Information

Global Population[4]*:* 13,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 12,000,000
Upper 95% Bound USA & Canada[3]: 14,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 23.85%
Lower 95% Bound BCR[3]: BCR 25 - 2,400,000
Upper 95% Bound BCR[3]: BCR 25 - 3,900,000

% State Population (USA only)[3]*:* AR - 7.69%
Lower 95% Bound State[3]: AR - 640,000
Upper 95% Bound State[3]: AR - 1,500,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Bark Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 10 - 13 days

Clutch Size[2]*:* 3 - 5 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White, grayish, or greenish white with brown speckles.

Egg length[2]*:* 1.6 - 2 cm

Egg width[2]*:* 1.2 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

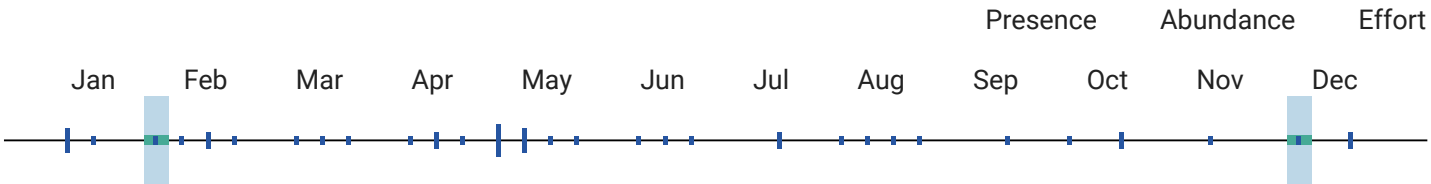
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Global: 2,100,000
Continental U.S. & Canada: 2,100,000

BCRBCC Breeding:
21,22,24,25,26,27,28,29,30,37

Prothonotary Warbler
Protonotaria citrea

Alpha Code

Alpha Code[1]*:* PROW

Physical Details

Weight[2]*:* Not yet available

Length[2]*:* Not yet available

Habitat

Habitat Category[2]*:* Forests

Population Information

Global Population[4]*:* 2,100,000

Primary Breeding Habitat[4]*:* Wetlands, Forested

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 1,600,000
Upper 95% Bound USA & Canada[3]: 2,600,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 5.24%
Lower 95% Bound BCR[3]: BCR 25 - 67,000
Upper 95% Bound BCR[3]: BCR 25 - 170,000

% State Population (USA only)[3]*:* AR - 7.14%
Lower 95% Bound State[3]: AR - 65,000
Upper 95% Bound State[3]: AR - 260,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 3 - 7 eggs

Number of Broods[2]*:* 1 - 3

Egg description[2]*:* White spotted with rust-brown to lavender.

Egg length[2]*:* 1.8 - 1.9 cm

Egg width[2]*:* 1.4 - 1.5 cm

Breeding time-frame - Start[5]*:* 1-Apr

Breeding time-frame - Stop[5]*:* 31-Jul

Conservation Status

Continental Importance[4]*:* Yellow Watch List

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

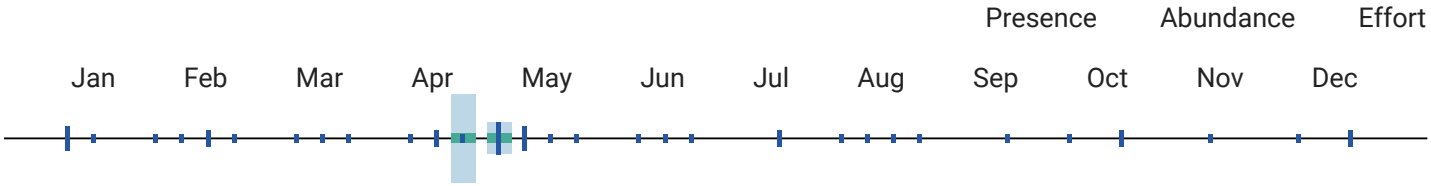
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 21,22,24,25,26,27,28,29,30,37

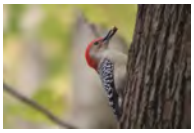
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Red-bellied Woodpecker

Melanerpes carolinus

Global: 16,000,000
Continental U.S. & Canada: 16,000,000

Common

Alpha Code

Alpha Code[1]: RBWO

Physical Details

Weight[2]: 56 - 91 g

Length[2]: 24 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 16,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 14,000,000
Upper 95% Bound USA & Canada[3]: 17,000,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 6.88%
Lower 95% Bound BCR[3]: BCR 25 - 760,000
Upper 95% Bound BCR[3]: BCR 25 - 1,400,000

% State Population (USA only)[3]: AR - 3.75%
Lower 95% Bound State[3]: AR - 410,000
Upper 95% Bound State[3]: AR - 860,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Bark Forager

Nesting Category[2]: Cavity

Incubation Period[2]: 12 days

Clutch Size[2]: 2 - 6 eggs

Number of Broods[2]: 1 - 3

Egg description[2]: Smooth white.

Egg length[2]: 2.2 - 2.9 cm

Egg width[2]: 1.7 - 2.2 cm

Breeding time-frame - Start[5]: Not yet available

Breeding time-frame - Stop[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

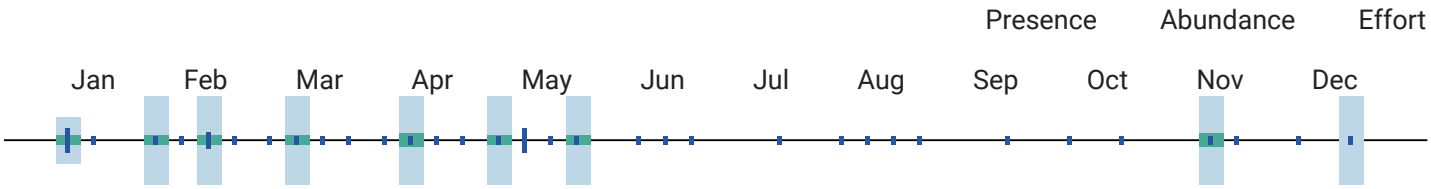
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Not applicable

BCRs where BCC Breeding[9]: Not applicable

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Red-breasted Nuthatch

Sitta canadensis

Global: 20,000,000
Continental U.S. & Canada: 20,000,000

Common

Alpha Code

Alpha Code[1]: RBNU

Physical Details

Weight[2]: 8 - 13 g

Length[2]: 11 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Boreal

Population Information

Global Population[4]: 20,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 18,000,000
Upper 95% Bound USA & Canada[3]: 22,000,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Insects

Behavior Category[2]: Bark Forager

Nesting Category[2]: Cavity

Incubation Period[2]: 12 - 13 days

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

Clutch Size[2]*:* 2 - 8 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White, creamy, or pinkish white and speckled with reddish brown.

Egg length[2]*:* 1.5 - 1.7 cm

Egg width[2]*:* 1.1 - 1.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

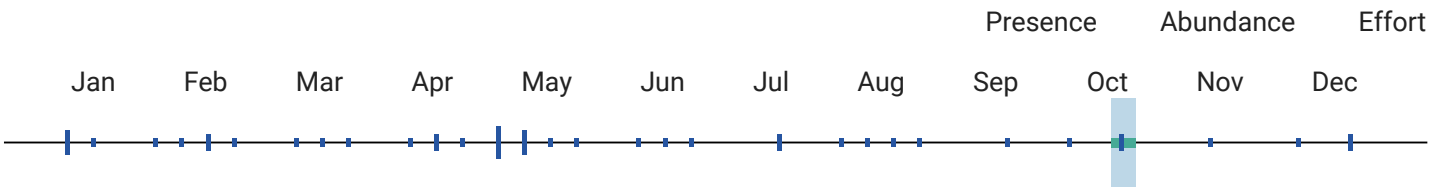
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* REVI

Physical Details

Weight[2]*:* 12 - 26 g

Length[2]*:* 12 - 13 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Generalist

Population Information

Global Population[4]*:* 130,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 120,000,000
Upper 95% Bound USA & Canada[3]: 140,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 2.46%
Lower 95% Bound BCR[3]: BCR 25 - 2,300,000
Upper 95% Bound BCR[3]: BCR 25 - 4,200,000

% State Population (USA only)[3]*:* AR - 1.38%
Lower 95% Bound State[3]: AR - 1,200,000
Upper 95% Bound State[3]: AR - 2,700,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 11 - 15 days

Clutch Size[2]*:* 1 - 5 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Dull white with sparse, sepia speckling.

Egg length[2]*:* 2 - 2.4 cm

Egg width[2]*:* 1.2 - 2.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

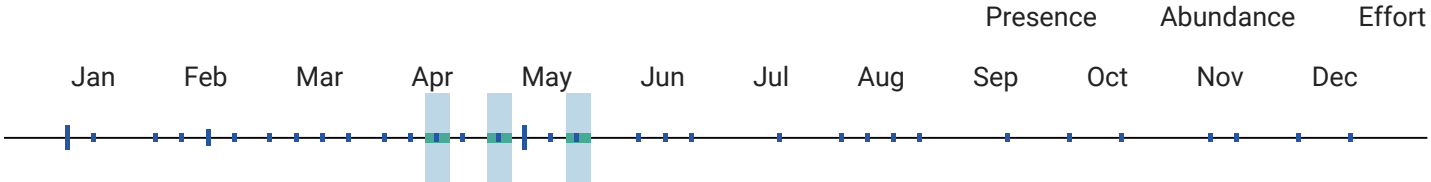
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* RHWO

Physical Details

Weight[2]*:* 56 - 91 g

Length[2]*:* 19 - 23 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 1,800,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 1,600,000
Upper 95% Bound USA & Canada[3]: 2,100,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 4.67%
Lower 95% Bound BCR[3]: BCR 25 - 57,000
Upper 95% Bound BCR[3]: BCR 25 - 120,000

% State Population (USA only)[3]*:* AR - 3.39%
Lower 95% Bound State[3]: AR - 34,000
Upper 95% Bound State[3]: AR - 100,000

Biology

Food Category[2]*:* Omnivore

Behavior Category[2]*:* Flycatching

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 3 - 10 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Pure white.

Egg length[2]*:* 2.5 cm

Egg width[2]*:* 1.9 cm

Breeding time-frame - Start[5]*:* 10-May

Breeding time-frame - Stop[5]*:* 10-Sep

Conservation Status

Continental Importance[4]*:* Common Bird in Steep Decline; previously Watch List

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* NJ

State Endangered[7]*:* CT

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 11,13,17,18,19,21,22,23,24,25,26,27,28,29,30,31,37

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] 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

Alpha Code[1]: RSHA

Physical Details

Weight[2]: 486 - 774 g

Length[2]: 43 - 61 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 1,900,000

% Population Estimate USA & Canada[4]: 94.74%
Lower 95% Bound USA & Canada[3]: 1,600,000
Upper 95% Bound USA & Canada[3]: 2,100,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 8.95%
Lower 95% Bound BCR[3]: BCR 25 - 120,000
Upper 95% Bound BCR[3]: BCR 25 - 230,000

% State Population (USA only)[3]: AR - 3.95%
Lower 95% Bound State[3]: AR - 46,000
Upper 95% Bound State[3]: AR - 120,000

Biology

Food Category[2]: Mammals

Behavior Category[2]: Aerial Dive (ground/talons)

Nesting Category[2]: Tree

Incubation Period[2]: 32 - 40 days

Clutch Size[2]: 2 - 5 eggs

Number of Broods[2]: 1

Egg description[2]: Dull white or faint bluish with brown blotches and markings

Egg length[2]: 5.24 - 5.65 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: MI, WI

State Endangered[7]: NJ

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 4.16 - 4.39 cm

Breeding time-frame - Start[5]*:* 10-Mar

Breeding time-frame - Stop[5]*:* 20-Jul

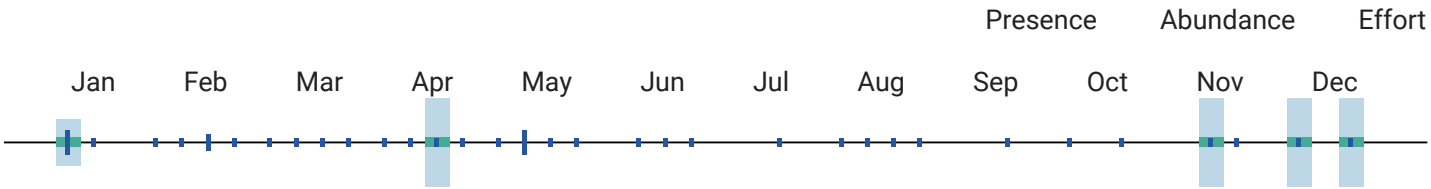
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* RTHA

Physical Details

Weight[2]*:* 690 - 1300 g

Length[2]*:* 45 - 56 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 3,100,000

% Population Estimate USA & Canada[4]*:* 90.32%
Lower 95% Bound USA & Canada[3]: 2,600,000
Upper 95% Bound USA & Canada[3]: 3,100,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.84%
Lower 95% Bound BCR[3]: BCR 25 - 19,000
Upper 95% Bound BCR[3]: BCR 25 - 37,000

% State Population (USA only)[3]*:* AR - 0.74%
Lower 95% Bound State[3]: AR - 14,000
Upper 95% Bound State[3]: AR - 35,000

Biology

Food Category[2]*:* Small Animals

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Soaring (raptor)

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 28 - 35 days

Clutch Size[2]*:* 1 - 5 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White or buffy, blotched or speckled with buff, brown, or purple.

Egg length[2]*:* 5.5 - 6.8 cm

Egg width[2]*:* 4.3 - 5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

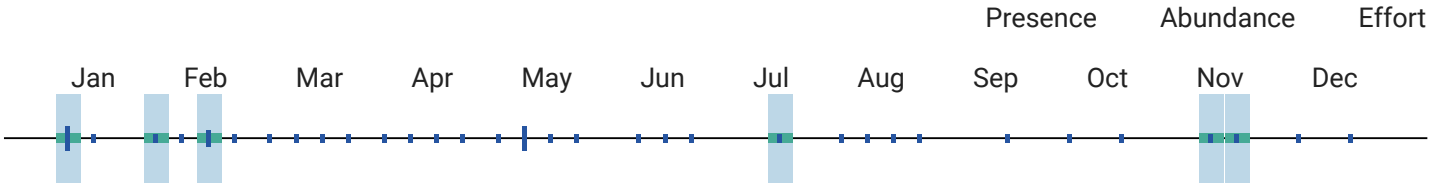
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

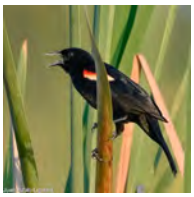
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* RWBL

Physical Details

Weight[2]*:* 32 - 77 g

Length[2]*:* 17 - 23 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 180,000,000

% Population Estimate USA & Canada[4]*:* 94.44%
Lower 95% Bound USA & Canada[3]: 160,000,000
Upper 95% Bound USA & Canada[3]: 200,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.29%
Lower 95% Bound BCR[3]: BCR 25 - 280,000
Upper 95% Bound BCR[3]: BCR 25 - 940,000

% State Population (USA only)[3]*:* AR - 3.39%
Lower 95% Bound State[3]: AR - 3,200,000
Upper 95% Bound State[3]: AR - 11,000,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 11 - 13 days

Clutch Size[2]*:* 2 - 4 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Pale blue-green to gray with black or brown markings.

Egg length[2]*:* 2.2 - 2.7 cm

Egg width[2]*:* 1.6 - 1.9 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

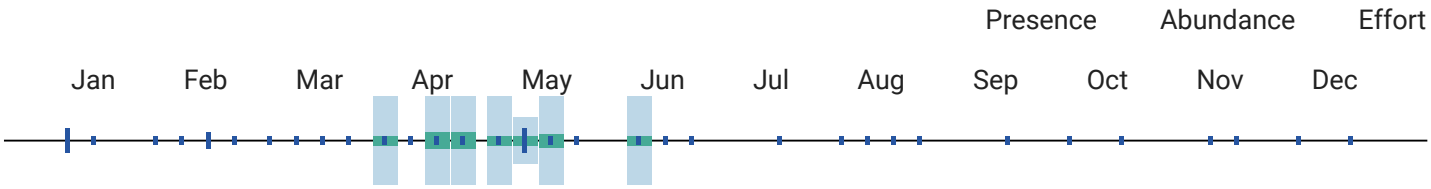
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Physical Details

Alpha Code[1]*:* RBGU

Weight[2]*:* 300 - 700 g

Length[2]*:* 43 - 54 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 3,800,000

% Population Estimate USA & Canada[4]*:* 97.37%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Omnivore

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 20 - 31 days

Clutch Size[2]*:* 2 - 4 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Pale olive gray with dark brown speckles.

Egg length[2]*:* 5 - 6.6 cm

Egg width[2]*:* 3.6 - 4.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

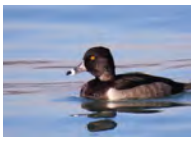
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] 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[1]: RNDU

Physical Details

Weight[2]: 490 - 910 g

Length[2]: 39 - 46 cm

Habitat

Habitat Category[2]: Lakes and Ponds

Primary Breeding Habitat[4]: Wetlands, Boreal

Population Information

Global Population[4]: 2,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Plants

Behavior Category[2]: Surface Dive

Nesting Category[2]: Ground

Incubation Period[2]: 25 - 29 days

Clutch Size[2]: 6 - 14 eggs

Number of Broods[2]: 1

Egg description[2]: Not yet available

Egg length[2]: 1.9 - 2.4 cm

Egg width[2]: 1.4 - 1.7 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

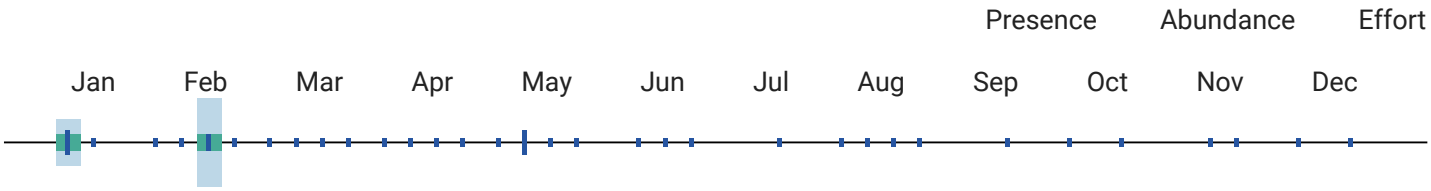
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* ROPI

Physical Details

Weight[2]*:* 265 - 380 g

Length[2]*:* 30 - 36 cm

Habitat

Habitat Category[2]*:* Towns

Primary Breeding Habitat[4]*:* Open Country, Developed/Disturbed

Population Information

Global Population[4]*:* 140,000,000

% Population Estimate USA & Canada[4]*:* 11.43%
Lower 95% Bound USA & Canada[3]: 15,000,000
Upper 95% Bound USA & Canada[3]: 18,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.08%
Lower 95% Bound BCR[3]: BCR 25 - 40,000
Upper 95% Bound BCR[3]: BCR 25 - 230,000

% State Population (USA only)[3]*:* AR - 0.07%
Lower 95% Bound State[3]: AR - 28,000
Upper 95% Bound State[3]: AR - 220,000

Biology

Conservation Status

Food Category[2]*:* Seeds

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Building

Incubation Period[2]*:* 18 days

Clutch Size[2]*:* 1 - 3 eggs

Number of Broods[2]*:* 1 - 6

Egg description[2]*:* White.

Egg length[2]*:* Not yet available

Egg width[2]*:* Not yet available

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Not Listed

Bird of Conservation Concern (BCC)[9]*:* No

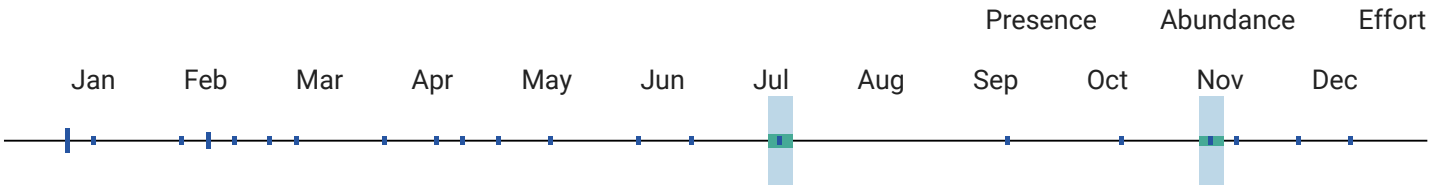
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Ruby-crowned Kinglet

Regulus calendula

Global: Not yet available
Continental U.S. & Canada: Not yet available

Common

Alpha Code

Alpha Code[1]*:* RCKI

Physical Details

Weight[2]*:* 5 - 10 g

Length[2]*:* 9 - 11 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Not yet available

Population Information

Global Population[4]*:* Not yet available

% Population Estimate USA & Canada[4]*:* Not yet available
Lower 95% Bound USA & Canada[3]: 90,000,000
Upper 95% Bound USA & Canada[3]: 110,000,000

Continental Population Trend[4]*:* Not yet available

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 5 - 12 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Drab white spotted with red-brown around large end.

Egg length[2]*:* 1.3 - 1.5 cm

Egg width[2]*:* 1 - 1.2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

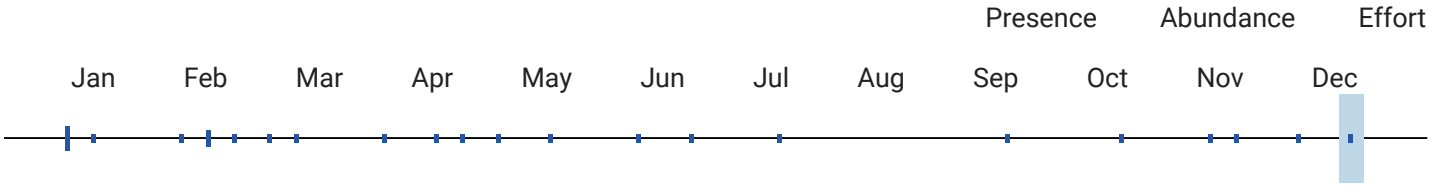
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* RTHU

Physical Details

Weight[2]*:* 2 - 6 g

Length[2]*:* 7 - 9 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 36,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 31,000,000
Upper 95% Bound USA & Canada[3]: 41,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 5.56%
Lower 95% Bound BCR[3]: BCR 25 - 1,200,000
Upper 95% Bound BCR[3]: BCR 25 - 3,100,000

% State Population (USA only)[3]*:* AR - 4.72%
Lower 95% Bound State[3]: AR - 830,000
Upper 95% Bound State[3]: AR - 3,200,000

Biology

Food Category[2]*:* Nectar

Behavior Category[2]*:* Hovering

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 1 - 3 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Tiny, white, weighting about half a gram, or less than one-fiftieth of an ounce.

Egg length[2]*:* 1.2 - 1.4 cm

Egg width[2]*:* 0.8 - 0.9 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

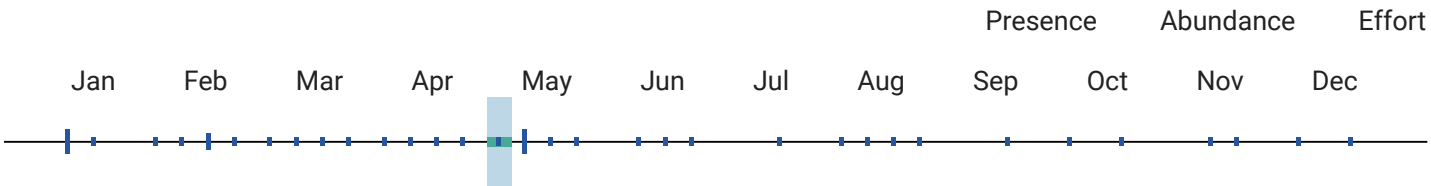
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]: RUDU

Physical Details

Weight[2]: 300 - 850 g

Length[2]: 35 - 43 cm

Habitat

Habitat Category[2]: Marshes

Primary Breeding Habitat[4]: Wetlands, Seasonally Wet Grasslands

Population Information

Global Population[4]: 1,700,000

% Population Estimate USA & Canada[4]: 76.47%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Aquatic invertebrates

Behavior Category[2]: Surface Dive

Nesting Category[2]: Ground

Incubation Period[2]: 20 - 26 days

Clutch Size[2]: 3 - 13 eggs

Number of Broods[2]: 1 - 2

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Egg description[2]*:* White to yellowish white, with a pebbly texture.

Egg length[2]*:* 5.9 - 6.8 cm

Egg width[2]*:* 4.3 - 4.8 cm

Breeding time-frame - Start[5]*:* 10-May

Breeding time-frame - Stop[5]*:* 5-Sep

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

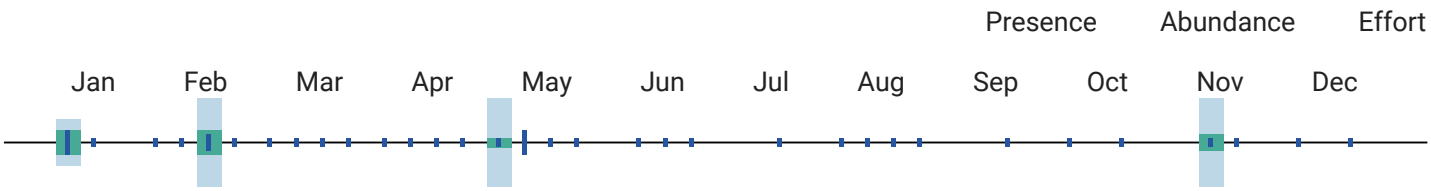
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 101

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* SAVS

Physical Details

Weight[2]*:* 15 - 28 g

Length[2]*:* 11 - 15 cm

Habitat

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Grasslands, Temperate

Population Information

Global Population[4]*:* 170,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 140,000,000
Upper 95% Bound USA & Canada[3]: 200,000,000

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 12 - 13 days

Clutch Size[2]*:* 2 - 6 eggs

Number of Broods[2]*:* 1 - 4

Egg description[2]*:* Pale greenish, bluish, tan, or white, with speckles and streaks. Colors vary greatly, sometimes even within clutches.

Egg length[2]*:* 1.5 - 2.2 cm

Egg width[2]*:* 1.4 - 1.6 cm

Breeding time-frame - Start[5]*:* 1-Jun

Breeding time-frame - Stop[5]*:* 31-Aug

Conservation Status

Continental Importance[4]*:* Common Bird in Steep Decline

Half Life[4]*:* 19 years

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* NJ

State Endangered[7]*:* CA (ssp. beldingi only)

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

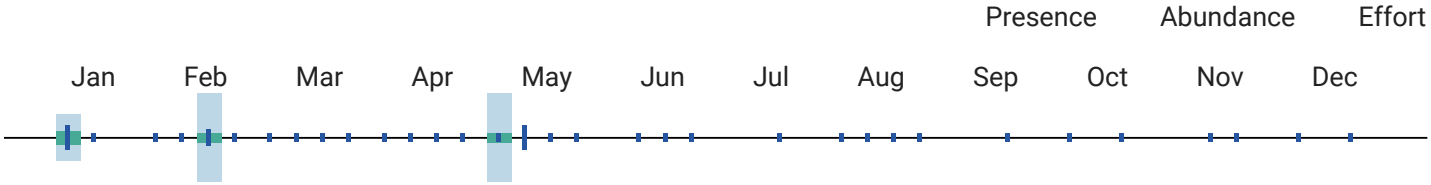
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No - ssp. beldingi only

BCRs where BCC Breeding[9]*:* 32

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* STFL

Physical Details

Weight[2]*:* 36 - 56 g

Length[2]*:* 22 - 37 cm

Habitat

Population Information

Habitat Category[2]*:* Grasslands

Primary Breeding Habitat[4]*:* Grasslands, Temperate

Global Population[4]*:* 9,100,000

% Population Estimate USA & Canada[4]*:* 86.81%
Lower 95% Bound USA & Canada[3]: 6,500,000
Upper 95% Bound USA & Canada[3]: 9,600,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 6.59%
Lower 95% Bound BCR[3]: BCR 25 - 360,000
Upper 95% Bound BCR[3]: BCR 25 - 890,000

% State Population (USA only)[3]*:* AR - 3.08%
Lower 95% Bound State[3]: AR - 160,000
Upper 95% Bound State[3]: AR - 470,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Flycatching

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 13 - 23 days

Clutch Size[2]*:* 3 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White or creamy with dark red, reddish brown, or purple blotches.

Egg length[2]*:* 2 - 2.4 cm

Egg width[2]*:* 1.5 - 2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

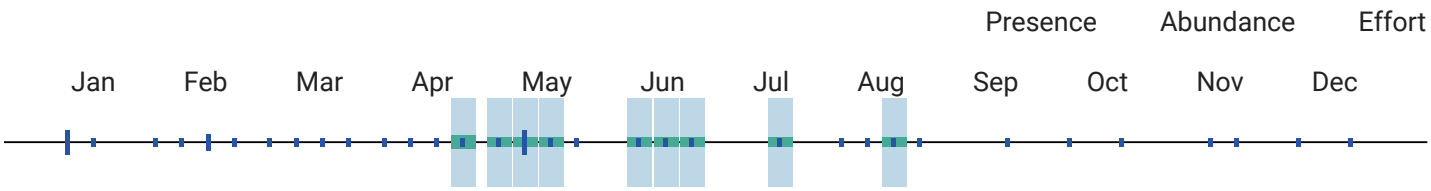
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Sedge Wren

Cistothorus stellaris

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

State Threatened: NY

State Endangered: MA, CT, DE, MD, ME, NH, NJ, PA, VT, IN

Alpha Code

Alpha Code[1]: SEWR

Physical Details

Weight[2]: Not yet available

Length[2]: Not yet available

Habitat

Habitat Category[2]: Not yet available

Primary Breeding Habitat[4]: Grasslands, Temperate

Population Information

Global Population[4]: 5,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Small increase or stable

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Not yet available

Behavior Category[2]: Not yet available

Nesting Category[2]: Not yet available

Incubation Period[2]: Not yet available

Clutch Size[2]: Not yet available

Number of Broods[2]: Not yet available

Egg description[2]: Not yet available

Egg length[2]: Not yet available

Egg width[2]: Not yet available

Breeding time-frame - Start[5]: 1-May

Breeding time-frame - Stop[5]: 30-Sep

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: NY

State Endangered[7]: MA, CT, DE, MD, ME, NH, NJ, PA, VT, IN

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

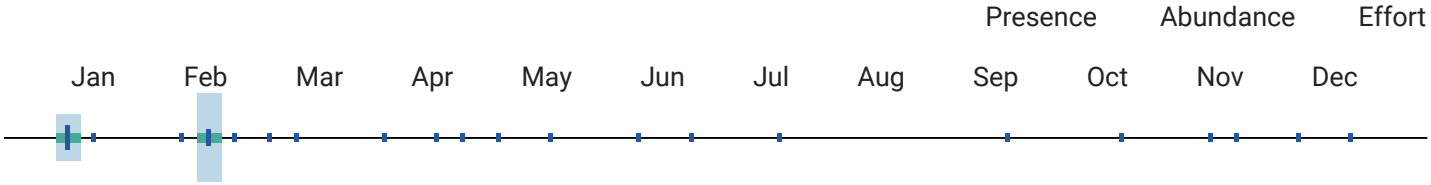
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Not applicable

BCRs where BCC Breeding[9]: Not applicable

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Global: 2,300,000
Continental U.S. & Canada: 2,300,000

BCRBCC Non Breeding:
12,13,14,22,23,24,26,27,30,31,101

Semipalmated Sandpiper

Calidris pusilla

Alpha Code

Alpha Code[1]: SESA

Physical Details

Weight[2]: 18 - 51.5 g

Length[2]: 15 - 18 cm

Habitat

Habitat Category[2]: Shorelines

Primary Breeding Habitat[4]: Wetlands, Tundra

Population Information

Global Population[4]: 2,300,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Aquatic invertebrates

Behavior Category[2]: Ground Forager

Nesting Category[2]: Ground

Conservation Status

Continental Importance[4]: Orange Watch List; Tipping Point

Half Life[4]: Not yet available

Federally Threatened[6]: No

Incubation Period[2]*:* 19 - 22 days

Clutch Size[2]*:* 4 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White, buff, or olive, marked with hazel, cinnamon, or chestnut brown.

Egg length[2]*:* 2.91 - 3.09 cm

Egg width[2]*:* 2.08 - 2.18 cm

Breeding time-frame - Start[5]*:* 10-Jun

Breeding time-frame - Stop[5]*:* 15-Aug

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

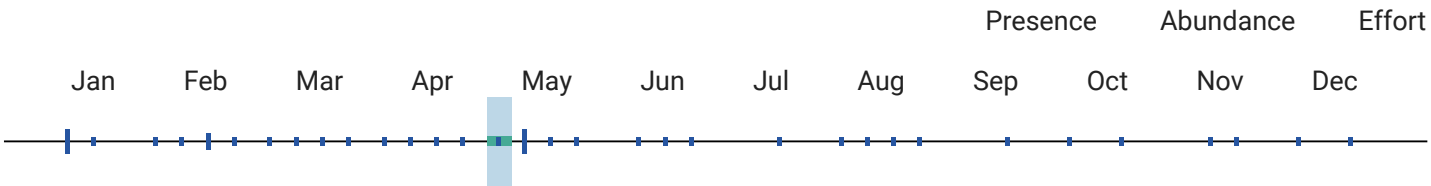
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* 12,13,14,22,23,24,26,27,30,31,101

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Sharp-shinned Hawk

Accipiter striatus

Global: 1,000,000
Continental U.S. & Canada: 410,000

Federally Endangered: Ssp. venator only - wherever found

State Endangered: CT

Alpha Code

Alpha Code[1]*:* SSHA

Physical Details

Weight[2]*:* 87 - 218 g

Length[2]*:* 24 - 34 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Generalist

Population Information

Global Population[4]*:* 1,000,000

% Population Estimate USA & Canada[4]*:* 41.00%
Lower 95% Bound USA & Canada[3]: 300,000
Upper 95% Bound USA & Canada[3]: 520,000

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.14%
Lower 95% Bound BCR[3]: BCR 25 - 0
Upper 95% Bound BCR[3]: BCR 25 - 4,000

% State Population (USA only)[3]*:* AR - 0.10%
Lower 95% Bound State[3]: AR - 0
Upper 95% Bound State[3]: AR - 3,200

Biology

Food Category[2]*:* Birds

Behavior Category[2]*:* Aerial Dive (ground/talons)

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 30 - 35 days

Clutch Size[2]*:* 3 - 8 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Dull-white or pale-blue splotched with brown, violet, red, or hazel.

Egg length[2]*:* 3.3 - 4.2 cm

Egg width[2]*:* 2.8 - 3.4 cm

Breeding time-frame - Start[5]*:* 10-Apr

Breeding time-frame - Stop[5]*:* 15-Aug

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* Ssp. venator only - wherever found

State Threatened[7]*:* Not applicable

State Endangered[7]*:* CT

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

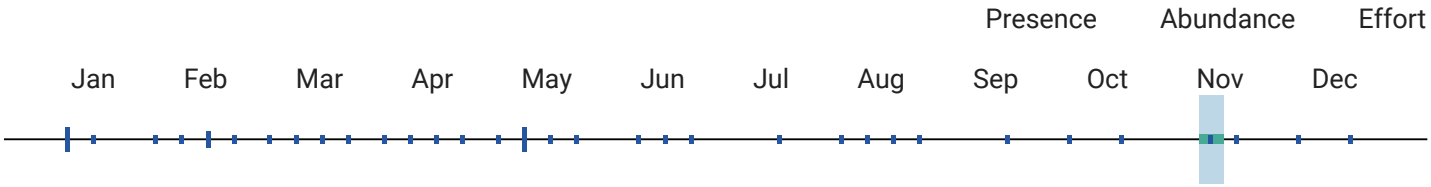
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* SNEG

Physical Details

Weight[2]*:* 370 g

Length[2]*:* 56 - 66 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 2,100,000

% Population Estimate USA & Canada[4]*:* 10.48%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Fish

Behavior Category[2]*:* Stalking

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 24 - 25 days

Clutch Size[2]*:* 2 - 6 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Pale greenish blue.

Egg length[2]*:* 4.1 - 4.4 cm

Egg width[2]*:* 2.3 - 3.3 cm

Breeding time-frame - Start[5]*:* 20-Mar

Breeding time-frame - Stop[5]*:* 1-Aug

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* CT

State Endangered[7]*:* OH, MO

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

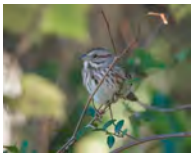
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] 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

Alpha Code[1]: SOSP

Physical Details

Weight[2]: 12 - 53 g

Length[2]: 12 - 17 cm

Habitat

Habitat Category[2]: Open Woodlands

Primary Breeding Habitat[4]: Open Country, Habitat Mosaic

Population Information

Global Population[4]: 130,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 120,000,000
Upper 95% Bound USA & Canada[3]: 130,000,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: AR - 0.00%
Lower 95% Bound State[3]: AR - 0
Upper 95% Bound State[3]: AR - 4,200

Biology

Food Category[2]: Insects

Behavior Category[2]: Ground Forager

Nesting Category[2]: Shrub

Incubation Period[2]: 12 - 15 days

Clutch Size[2]: 1 - 6 eggs

Number of Broods[2]: 1 - 7

Egg description[2]: Blue, blue-green, or gray-green spotted with brown, red-brown, or lilac.

Egg length[2]: 1.7 - 2.3 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

Egg width[2]*:* 1.4 - 1.7 cm

Breeding time-frame - Start[5]*:* 1-Mar

Breeding time-frame - Stop[5]*:* 5-Sep

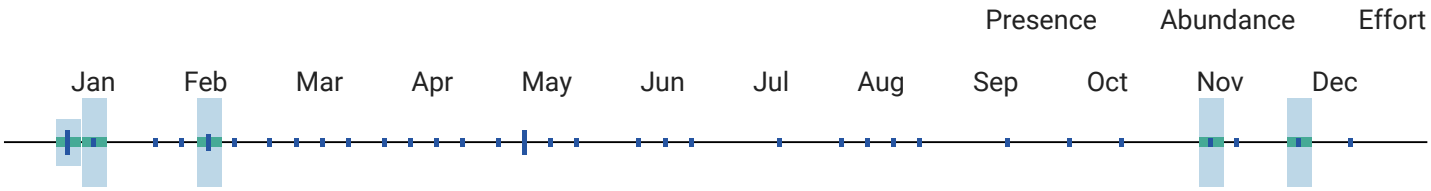
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No - ssp. graminea, pusillula and samuelis only

BCRs where BCC Breeding[9]*:* 32

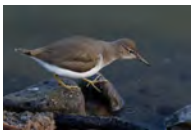
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* SPSA

Physical Details

Weight[2]*:* 34 - 50 g

Length[2]*:* 18 - 20 cm

Habitat

Habitat Category[2]*:* Shorelines

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 660,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Significant large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Conservation Status

Food Category[2]*:* Small Animals

Behavior Category[2]*:* Probing

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 19 - 22 days

Clutch Size[2]*:* 3 - 5 eggs

Number of Broods[2]*:* 1 - 5

Egg description[2]*:* Off-white, pinkish, or pale green speckled with brown.

Egg length[2]*:* 2.9 - 3.5 cm

Egg width[2]*:* 2.2 - 2.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Continental Importance[4]*:* Common Bird in Steep Decline

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

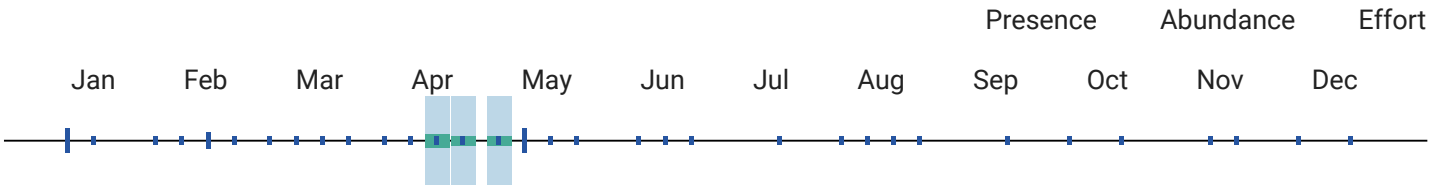
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* SUTA

Physical Details

Weight[2]*:* 30 g

Length[2]*:* 17 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 12,000,000

% Population Estimate USA & Canada[4]*:* 91.67%
Lower 95% Bound USA & Canada[3]: 10,000,000
Upper 95% Bound USA & Canada[3]: 12,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 16.67%
Lower 95% Bound BCR[3]: BCR 25 - 1,500,000
Upper 95% Bound BCR[3]: BCR 25 - 2,600,000

% State Population (USA only)[3]*:* AR - 9.17%
Lower 95% Bound State[3]: AR - 800,000
Upper 95% Bound State[3]: AR - 1,400,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 11 - 12 days

Clutch Size[2]*:* 3 - 4 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Pale blue to pale green, with brown markings.

Egg length[2]*:* 2.2 - 2.5 cm

Egg width[2]*:* 1.6 - 1.8 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

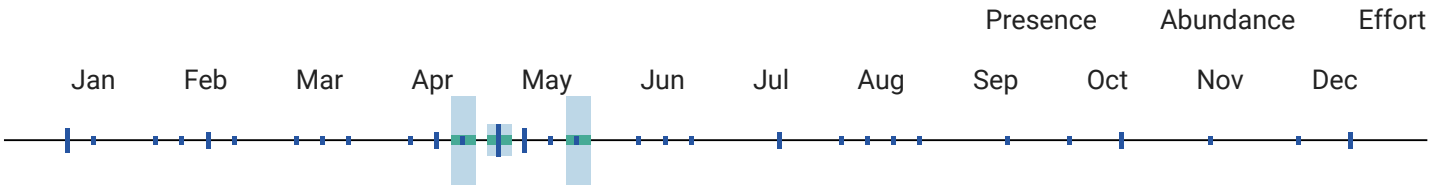
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

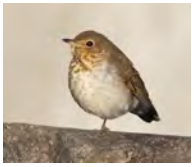
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* SWTH

Physical Details

Weight[2]*:* 23 - 45 g

Length[2]*:* 16 - 19 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Boreal

Population Information

Global Population[4]*:* 120,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 100,000,000
Upper 95% Bound USA & Canada[3]: 140,000,000

Continental Population Trend[4]*:* Small increase or stable

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 10 - 14 days

Clutch Size[2]*:* 1 - 5 eggs

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Blue to greenish blue speckled with reddish or brown.

Egg length[2]*:* 2 - 2.6 cm

Egg width[2]*:* 1.5 - 1.8 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

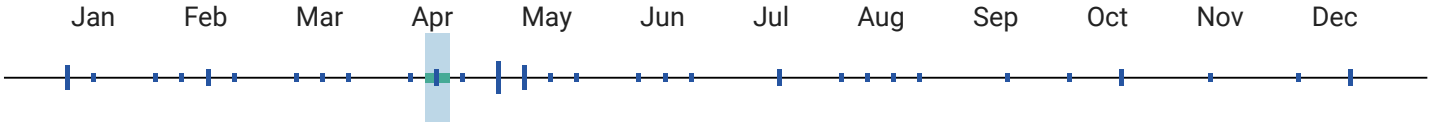
BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

Presence Abundance Effort



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Swainson's Warbler

Limnothlypis swainsonii

Global: 160,000
Continental U.S. & Canada: 160,000

State Endangered: DE, MD, MO

Alpha Code

Alpha Code[1]: SWWA

Physical Details

Weight[2]: 11 - 15 g

Length[2]: 13 - 14 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 160,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 100,000
Upper 95% Bound USA & Canada[3]: 230,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 32.50%
Lower 95% Bound BCR[3]: BCR 25 - 23,000
Upper 95% Bound BCR[3]: BCR 25 - 98,000

% State Population (USA only)[3]: AR - 8.13%
Lower 95% Bound State[3]: AR - 2,800
Upper 95% Bound State[3]: AR - 29,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Ground Forager

Nesting Category[2]: Shrub

Incubation Period[2]: 11 - 15 days

Clutch Size[2]: 1 - 7 eggs

Number of Broods[2]: 1

Egg description[2]: White, usually unmarked, but may have faint reddish brown spotting.

Egg length[2]: 1.8 - 2.18 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: DE, MD, MO

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 1.41 - 1.56 cm

Breeding time-frame - Start[5]*:* 1-May

Breeding time-frame - Stop[5]*:* 10-Aug

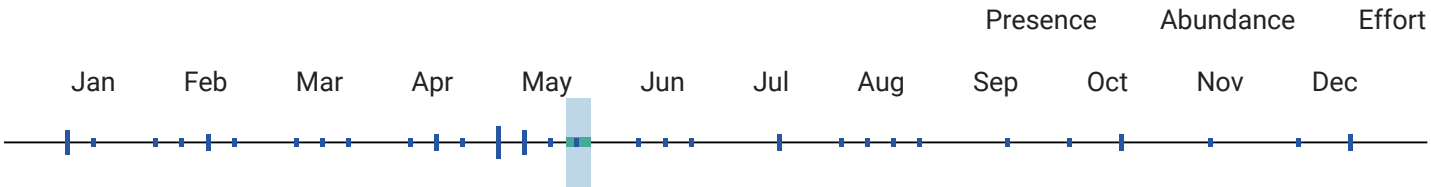
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* SWSP

Physical Details

Weight[2]*:* 15 - 23 g

Length[2]*:* 12 - 15 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Boreal

Population Information

Global Population[4]*:* 23,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 20,000,000
Upper 95% Bound USA & Canada[3]: 26,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 1 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Bluish green with spots and blotches.

Egg length[2]*:* 1.4 - 2.1 cm

Egg width[2]*:* 1.4 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

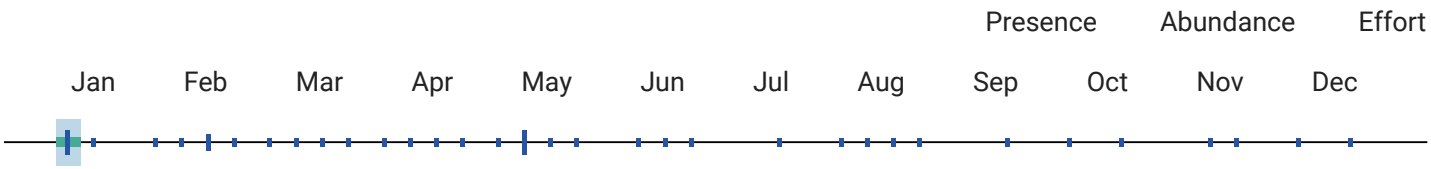
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* TEWA

Physical Details

Weight[2]*:* 8 - 10 g

Length[2]*:* 10 - 13 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Boreal

Population Information

Global Population[4]*:* 110,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 81,000,000
Upper 95% Bound USA & Canada[3]: 150,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 11 - 12 days

Clutch Size[2]*:* 5 - 6 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White, speckled with reddish brown.

Egg length[2]*:* 1.4 - 1.7 cm

Egg width[2]*:* 1.1 - 1.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

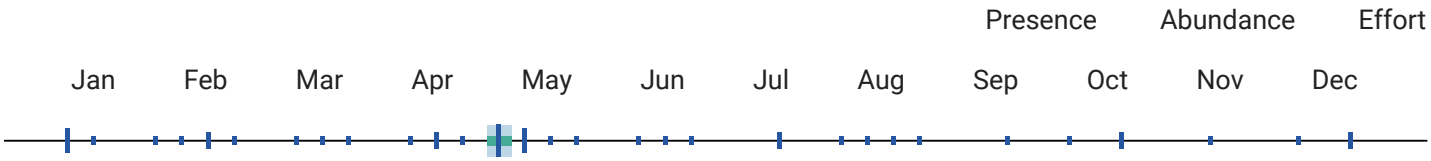
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* TRES

Weight[2]*:* 16 - 25 g

Length[2]*:* 12 - 15 cm

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands Aerial, Generalist

Population Information

Global Population[4]*:* 19,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 17,000,000
Upper 95% Bound USA & Canada[3]: 21,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.03%
Lower 95% Bound BCR[3]: BCR 25 - 1,400
Upper 95% Bound BCR[3]: BCR 25 - 14,000

% State Population (USA only)[3]*:* AR - 0.04%
Lower 95% Bound State[3]: AR - 1,300
Upper 95% Bound State[3]: AR - 20,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Aerial Forager

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 11 - 20 days

Clutch Size[2]*:* 4 - 7 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Pale pink, turning to pure white within 4 days.

Egg length[2]*:* 1.7 - 2 cm

Egg width[2]*:* 1.3 - 1.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Trumpeter Swan

Cygnus buccinator

Global: 63,000
Continental U.S. & Canada: 63,000

State Threatened: OH, MI

State Endangered: IN

Alpha Code

Alpha Code[1]: TRUS

Physical Details

Weight[2]: 7700 - 12700 g

Length[2]: 138 - 158 cm

Habitat

Habitat Category[2]: Lakes and Ponds

Primary Breeding Habitat[4]: Wetlands, Lakes and Rivers

Population Information

Global Population[4]: 63,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Plants

Behavior Category[2]: Dabbler

Nesting Category[2]: Ground

Incubation Period[2]: 32 - 37 days

Clutch Size[2]: 4 - 6 eggs

Number of Broods[2]: Not yet available

Egg description[2]: Creamy to dull white, often stained brown in the nest.

Egg length[2]: 10.1 - 12.6 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: OH, MI

State Endangered[7]: IN

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

Egg width[2]*:* 6.2 - 8.1 cm

Breeding time-frame - Start[5]*:* 20-Apr

Breeding time-frame - Stop[5]*:* 1-Oct

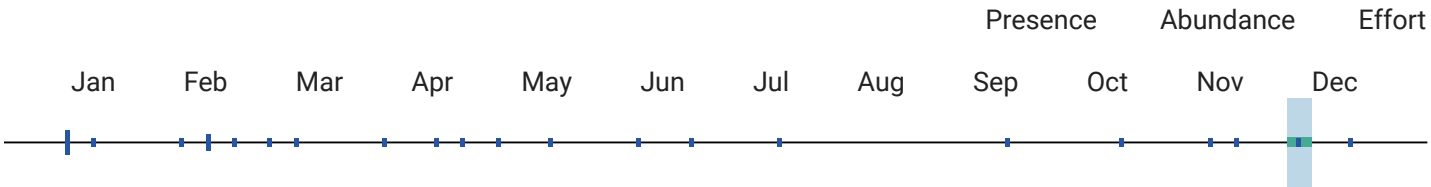
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* TUTI

Physical Details

Weight[2]*:* 18 - 26 g

Length[2]*:* 14 - 16 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 12,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 11,000,000
Upper 95% Bound USA & Canada[3]: 13,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 10.00%
Lower 95% Bound BCR[3]: BCR 25 - 840,000
Upper 95% Bound BCR[3]: BCR 25 - 1,600,000

% State Population (USA only)[3]*:* AR - 6.25%
Lower 95% Bound State[3]: AR - 510,000
Upper 95% Bound State[3]: AR - 1,100,000

Biology

Food Category[2]*:* Insects

Conservation Status

Continental Importance[4]*:* Not yet available

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* 3 - 9 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White to creamy white, spotted with chestnut-red, brown, purple, or lilac.

Egg length[2]*:* 1.7 - 2 cm

Egg width[2]*:* 1.4 - 1.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

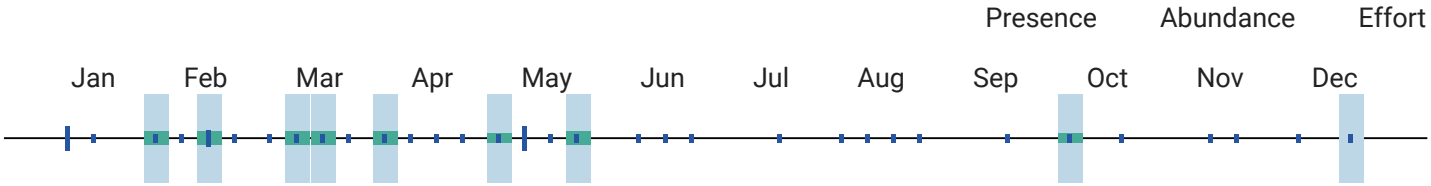
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* TUVU

Physical Details

Weight[2]*:* 2000 g

Length[2]*:* 64 - 81 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Open Country, Habitat Mosaic

Population Information

Global Population[4]*:* 28,000,000

% Population Estimate USA & Canada[4]*:* 30.00%
Lower 95% Bound USA & Canada[3]: 7,700,000
Upper 95% Bound USA & Canada[3]: 9,200,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 1.29%
Lower 95% Bound BCR[3]: BCR 25 - 280,000
Upper 95% Bound BCR[3]: BCR 25 - 480,000

% State Population (USA only)[3]*:* AR - 0.61%
Lower 95% Bound State[3]: AR - 95,000
Upper 95% Bound State[3]: AR - 300,000

Biology

Food Category[2]*:* Carrion

Behavior Category[2]*:* Soaring (raptor)

Nesting Category[2]*:* Cliff

Incubation Period[2]*:* 28 - 40 days

Clutch Size[2]*:* 1 - 3 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* Creamy white tinged with gray, blue, or green, and spotted with purple to brown.

Egg length[2]*:* 6.5 - 7.5 cm

Egg width[2]*:* 4.4 - 5.3 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

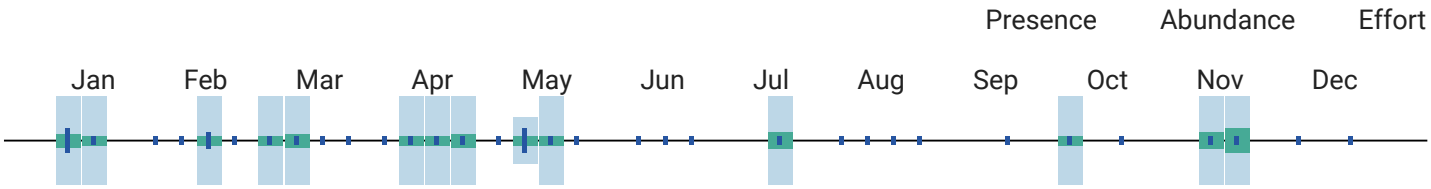
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* WAVI

Weight[2]*:* 10 - 16 g

Length[2]*:* 12 - 13 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 53,000,000

% Population Estimate USA & Canada[4]*:* 98.11%
Lower 95% Bound USA & Canada[3]: 46,000,000
Upper 95% Bound USA & Canada[3]: 59,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.05%
Lower 95% Bound BCR[3]: BCR 25 - 8,700
Upper 95% Bound BCR[3]: BCR 25 - 52,000

% State Population (USA only)[3]*:* AR - 0.08%
Lower 95% Bound State[3]: AR - 18,000
Upper 95% Bound State[3]: AR - 70,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 14 days

Clutch Size[2]*:* Not yet available

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White with a few scattered dots of reddish or dark brown.

Egg length[2]*:* 1.8 - 2 cm

Egg width[2]*:* 1.3 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

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

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

[10] 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

Alpha Code[1]: WBNU

Physical Details

Weight[2]: 18 - 30 g

Length[2]: 13 - 14 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 10,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 9,200,000
Upper 95% Bound USA & Canada[3]: 11,000,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 1.40%
Lower 95% Bound BCR[3]: BCR 25 - 79,000
Upper 95% Bound BCR[3]: BCR 25 - 210,000

% State Population (USA only)[3]: AR - 2.30%
Lower 95% Bound State[3]: AR - 150,000
Upper 95% Bound State[3]: AR - 330,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Bark Forager

Nesting Category[2]: Cavity

Incubation Period[2]: 13 - 14 days

Clutch Size[2]: 5 - 9 eggs

Number of Broods[2]: 1

Egg description[2]: Creamy white to pinkish-white, speckled with reddish brown, gray, or purple.

Egg length[2]: 1.8 - 2 cm

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

Egg width[2]*:* 1.5 cm

Breeding time-frame - Start[5]*:* 1-May

Breeding time-frame - Stop[5]*:* 31-Jul

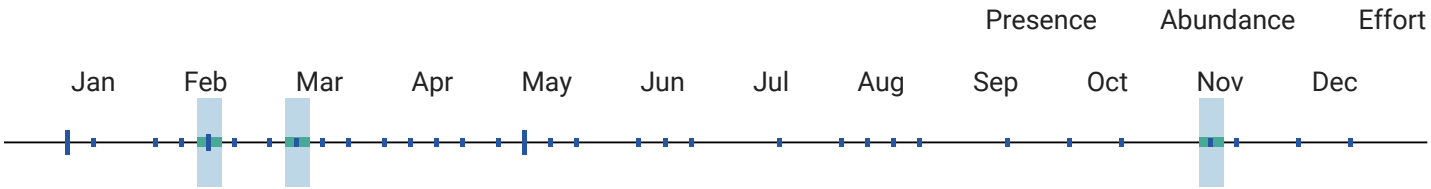
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No - ssp. aculeata only

BCRs where BCC Breeding[9]*:* 10

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* WCSP

Physical Details

Weight[2]*:* 25 - 28 g

Length[2]*:* 15 - 16 cm

Habitat

Habitat Category[2]*:* Scrub

Primary Breeding Habitat[4]*:* Tundra, Arctic

Population Information

Global Population[4]*:* 79,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 64,000,000
Upper 95% Bound USA & Canada[3]: 97,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Conservation Status

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 10 - 14 days

Clutch Size[2]*:* 3 - 7 eggs

Number of Broods[2]*:* 1 - 3

Egg description[2]*:* Greenish, greenish-blue, or bluish spotted with reddish brown.

Egg length[2]*:* 1.9 - 2.4 cm

Egg width[2]*:* 1.4 - 1.8 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

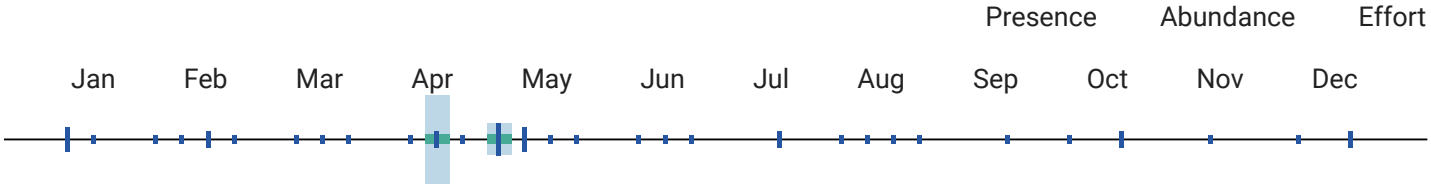
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]*:* WEVI

Physical Details

Weight[2]*:* 10 - 14 g

Length[2]*:* 11 - 13 cm

Habitat

Habitat Category[2]*:* Scrub

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 24,000,000

% Population Estimate USA & Canada[4]*:* 91.67%
Lower 95% Bound USA & Canada[3]: 20,000,000
Upper 95% Bound USA & Canada[3]: 24,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 20.00%
Lower 95% Bound BCR[3]: BCR 25 - 3,800,000
Upper 95% Bound BCR[3]: BCR 25 - 6,000,000

% State Population (USA only)[3]*:* AR - 7.50%
Lower 95% Bound State[3]: AR - 1,300,000
Upper 95% Bound State[3]: AR - 2,300,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 13 - 15 days

Clutch Size[2]*:* 3 - 5 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White with sparse spotting.

Egg length[2]*:* 1.7 - 2.1 cm

Egg width[2]*:* 1.2 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

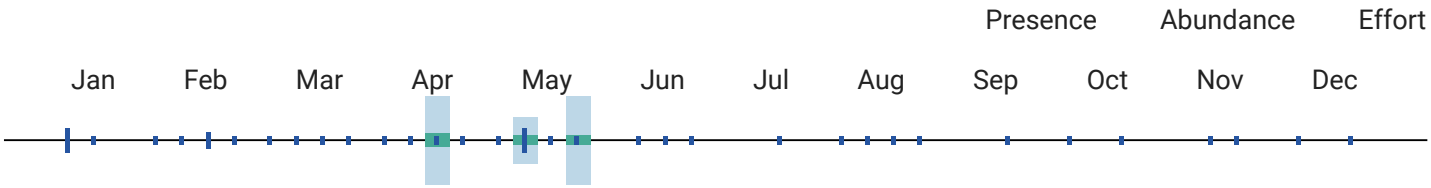
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

White-rumped Sandpiper

Global: 1,700,000
Continental U.S. & Canada: 1,700,000

Common

Calidris fuscicollis

Alpha Code

Alpha Code[1]*:* WRSA

Physical Details

Weight[2]*:* 40 - 60 g

Length[2]*:* 15 - 18 cm

Habitat

Habitat Category[2]*:* Shorelines

Primary Breeding Habitat[4]*:* Wetlands, Tundra

Population Information

Global Population[4]*:* 1,700,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Ground

Incubation Period[2]*:* Not yet available

Clutch Size[2]*:* Not yet available

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Buff or pale green, spotted or blotched with reddish brown.

Egg length[2]*:* Not yet available

Egg width[2]*:* Not yet available

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Yellow Watch List

Half Life[4]*:* 14 years

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

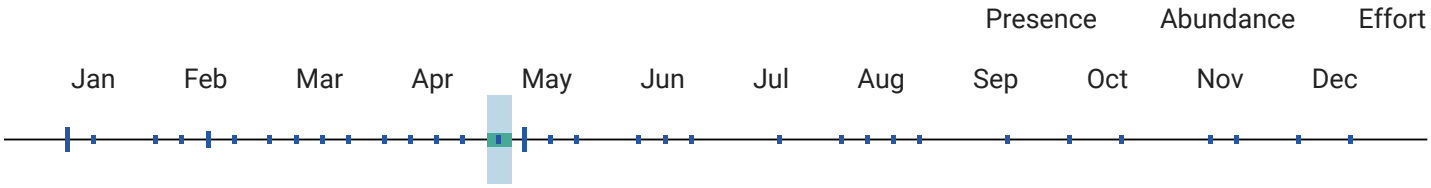
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]: WTSP

Physical Details

Weight[2]: 22 - 32 g

Length[2]: 16 - 18 cm

Habitat

Habitat Category[2]: Forests

Primary Breeding Habitat[4]: Forests, Boreal

Population Information

Global Population[4]: 160,000,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 140,000,000
Upper 95% Bound USA & Canada[3]: 190,000,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Seeds

Behavior Category[2]: Ground Forager

Nesting Category[2]: Ground

Incubation Period[2]: 11 - 14 days

Clutch Size[2]: 1 - 6 eggs

Number of Broods[2]: 1 - 2

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Egg description[2]*:* Very pale blue or greenish blue speckled with purplish, chestnut, and lilac.

Egg length[2]*:* 1.9 - 2.3 cm

Egg width[2]*:* 1.4 - 1.7 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Bird of Conservation Concern (BCC)[9]*:* No

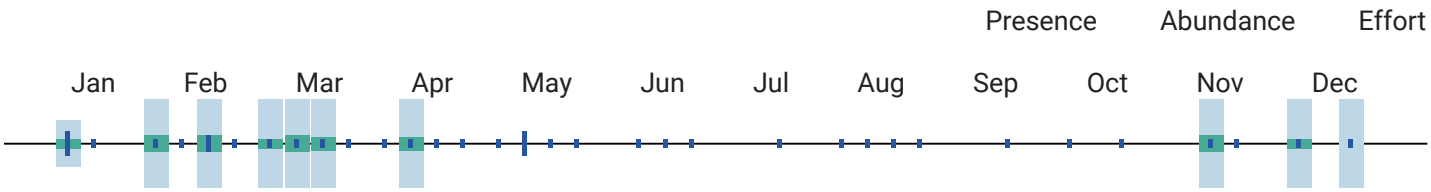
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Wilson's Phalarope

Phalaropus tricolor

Global: 1,500,000
Continental U.S. & Canada: 1,500,000

State Threatened: MN

Alpha Code

Alpha Code[1]*:* WIPH

Habitat

Habitat Category[2]*:* Lakes and Ponds

Primary Breeding Habitat[4]*:* Wetlands, Seasonally Wet Grasslands

Physical Details

Weight[2]*:* 38 - 110 g

Length[2]*:* 22 - 24 cm

Population Information

Global Population[4]*:* 1,500,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Aquatic invertebrates

Behavior Category[2]*:* Dabbler

Nesting Category[2]*:* Ground

Incubation Period[2]*:* 18 - 27 days

Clutch Size[2]*:* Not yet available

Number of Broods[2]*:* Not yet available

Egg description[2]*:* Buffy, covered with brown blotches.

Egg length[2]*:* 3.2 - 3.5 cm

Egg width[2]*:* 2.3 - 2.4 cm

Breeding time-frame - Start[5]*:* 1-May

Breeding time-frame - Stop[5]*:* 20-Aug

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* MN

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

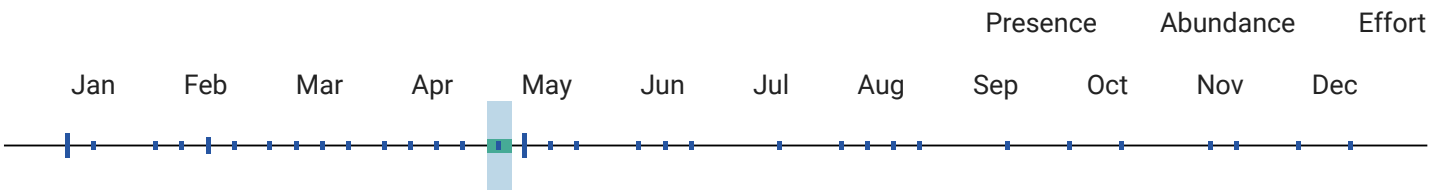
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Wilson's Snipe

Gallinago delicata

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

Common

Alpha Code

Alpha Code[1]*:* WISN

Physical Details

Weight[2]*:* 79 - 146 g

Length[2]*:* 27 - 32 cm

Habitat

Habitat Category[2]*:* Marshes

Primary Breeding Habitat[4]*:* Wetlands, Generalist

Population Information

Global Population[4]*:* 2,000,000

% Population Estimate USA & Canada[4]*:* 100.00%

Lower 95% Bound USA & Canada[3]: Not yet available

Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Small increase or stable

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Aquatic invertebrates

Behavior Category[2]: Probing

Nesting Category[2]: Ground

Incubation Period[2]: 18 - 20 days

Clutch Size[2]: 2 - 4 eggs

Number of Broods[2]: Not yet available

Egg description[2]: Olive brown splotched with dark brown, black or purple.

Egg length[2]: 3.5 - 4.3 cm

Egg width[2]: 2.6 - 3 cm

Breeding time-frame - Start[5]: Not yet available

Breeding time-frame - Stop[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

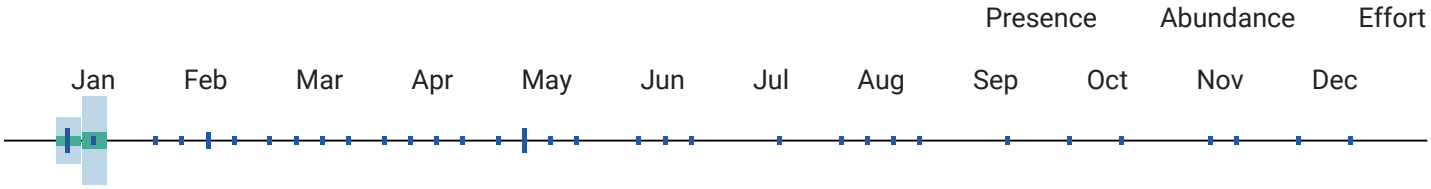
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: Not applicable

BCRs where BCC Breeding[9]: Not applicable

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph

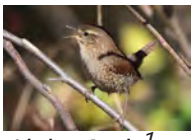


[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Winter Wren
Troglodytes hiemalis

Global: 11,000,000
Continental U.S. & Canada: 11,000,000

Common



Alpha Code

Alpha Code[1]*:* WIWR

Physical Details

Weight[2]*:* 8 - 12 g

Length[2]*:* 8 - 12 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Boreal

Population Information

Global Population[4]*:* 11,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 9,100,000
Upper 95% Bound USA & Canada[3]: 14,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 14 - 17 days

Clutch Size[2]*:* 1 - 9 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White with small pale to reddish brown spots concentrated on the larger end of the egg.

Egg length[2]*:* 1.5 - 1.9 cm

Egg width[2]*:* 1.2 - 1.4 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

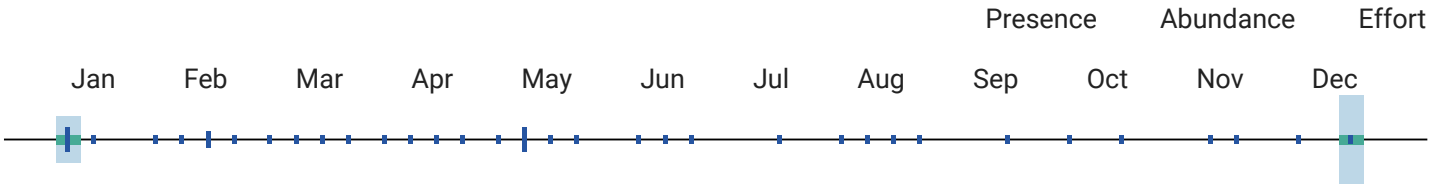
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]: WODU

Physical Details

Weight[2]: 454 - 862 g

Length[2]: 47 - 54 cm

Habitat

Habitat Category[2]: Lakes and Ponds

Primary Breeding Habitat[4]: Wetlands, Forested

Population Information

Global Population[4]: 4,600,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: Not yet available
Upper 95% Bound USA & Canada[3]: Not yet available

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]: Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]: Plants

Behavior Category[2]: Dabbler

Nesting Category[2]: Cavity

Incubation Period[2]: 28 - 37 days

Clutch Size[2]: 6 - 16 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: Glossy creamy white to tan.

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Egg length[2]*:* 4.6 - 6.1 cm

Egg width[2]*:* 3.5 - 4.2 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Bird of Conservation Concern (BCC)[9]*:* No

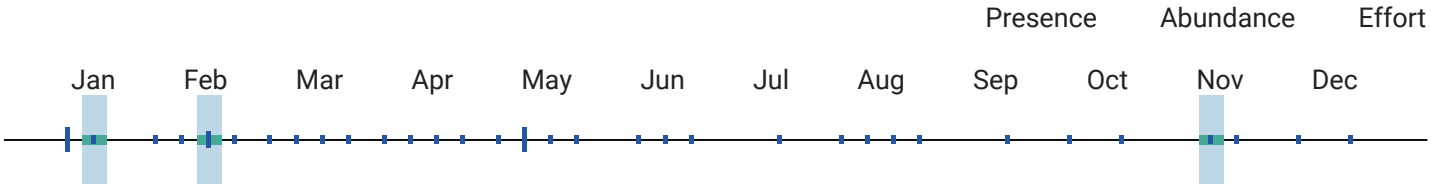
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Wood Thrush

Hylocichla mustelina

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

BCRBCC Breeding:
12,13,14,22,23,24,25,26,27,28,29,30

Alpha Code

Alpha Code[1]*:* WOTH

Physical Details

Weight[2]*:* 40 - 50 g

Length[2]*:* 19 - 21 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 12,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 11,000,000
Upper 95% Bound USA & Canada[3]: 14,000,000

Continental Population Trend[4]*:* Moderate to large decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 4.25%
Lower 95% Bound BCR[3]: BCR 25 - 360,000
Upper 95% Bound BCR[3]: BCR 25 - 700,000

% State Population (USA only)[3]*:* AR - 1.75%
Lower 95% Bound State[3]: AR - 120,000
Upper 95% Bound State[3]: AR - 320,000

Biology

Conservation Status

Food Category[2]*:* Insects

Behavior Category[2]*:* Ground Forager

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 15 days

Clutch Size[2]*:* 3 - 4 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Turquoise-green with no marking.

Egg length[2]*:* 2.3 - 2.8 cm

Egg width[2]*:* 1.7 - 2.1 cm

Breeding time-frame - Start[5]*:* 10-May

Breeding time-frame - Stop[5]*:* 31-Aug

Continental Importance[4]*:* Yellow Watch List; Tipping Point

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

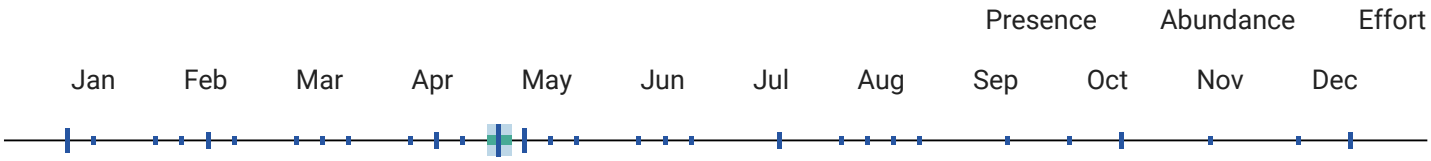
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Yes

BCRs where BCC Breeding[9]*:* 12,13,14,22,23,24,25,26,27,28,29,30

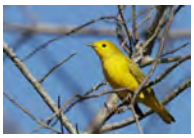
BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.



Yellow Warbler

Setophaga petechia

Global: 97,000,000
Continental U.S. & Canada: 93,000,000

Common

Alpha Code

Alpha Code[1]*:* YEWA

Physical Details

Weight[2]*:* 9 - 11 g

Length[2]*:* 12 - 13 cm

Habitat

Habitat Category[2]*:* Open Woodlands

Primary Breeding Habitat[4]*:* Forests, Temperate Generalist

Population Information

Global Population[4]*:* 97,000,000

% Population Estimate USA & Canada[4]*:* 95.88%
Lower 95% Bound USA & Canada[3]: 83,000,000
Upper 95% Bound USA & Canada[3]: 100,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.00%
Lower 95% Bound BCR[3]: BCR 25 - 0
Upper 95% Bound BCR[3]: BCR 25 - 2,100

% State Population (USA only)[3]*:* AR - 0.00%
Lower 95% Bound State[3]: AR - 850
Upper 95% Bound State[3]: AR - 10,000

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Shrub

Incubation Period[2]*:* 10 - 13 days

Clutch Size[2]*:* 1 - 7 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Grayish or greenish white with dark spots.

Egg length[2]*:* 1.5 - 2.1 cm

Egg width[2]*:* 1.2 - 1.6 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

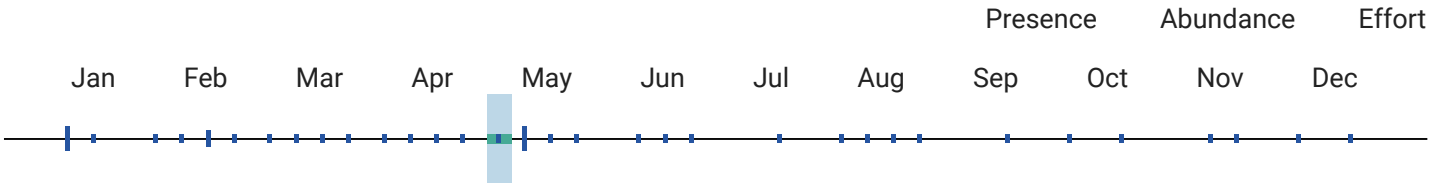
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Yellow-bellied Sapsucker

Global: 14,000,000
Continental U.S. & Canada: 14,000,000

Common

Sphyrapicus varius

Alpha Code

Alpha Code[1]*:* YBSA

Physical Details

Weight[2]*:* 43 - 55 g

Length[2]*:* 18 - 22 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Boreal

Population Information

Global Population[4]*:* 14,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 12,000,000
Upper 95% Bound USA & Canada[3]: 16,000,000

Continental Population Trend[4]*:* Significant large increase

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* Not yet available
Lower 95% Bound BCR[3]: Not yet available
Upper 95% Bound BCR[3]: Not yet available

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Bark Forager

Nesting Category[2]*:* Cavity

Incubation Period[2]*:* 10 - 13 days

Clutch Size[2]*:* 4 - 6 eggs

Number of Broods[2]*:* 1

Egg description[2]*:* White.

Egg length[2]*:* 2 - 2.6 cm

Egg width[2]*:* 1.6 - 1.8 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

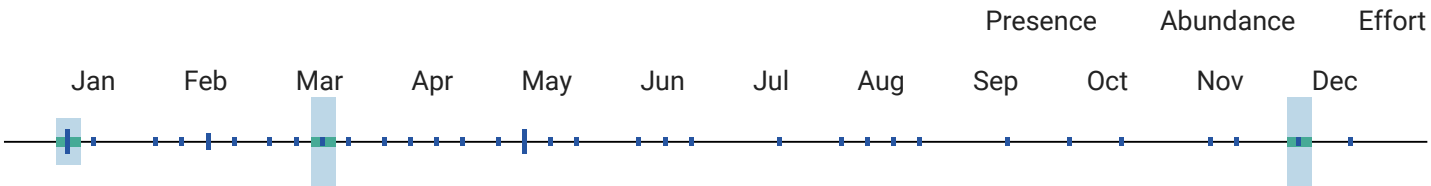
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]: YBCU

Physical Details

Weight[2]: 55 - 65 g

Length[2]: 26 - 30 cm

Habitat

Habitat Category[2]: Open Woodlands

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 9,600,000

% Population Estimate USA & Canada[4]: 87.50%
Lower 95% Bound USA & Canada[3]: 7,600,000
Upper 95% Bound USA & Canada[3]: 9,200,000

Continental Population Trend[4]: Moderate to large decrease

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 9.69%
Lower 95% Bound BCR[3]: BCR 25 - 680,000
Upper 95% Bound BCR[3]: BCR 25 - 1,200,000

% State Population (USA only)[3]: AR - 6.77%
Lower 95% Bound State[3]: AR - 430,000
Upper 95% Bound State[3]: AR - 920,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Foliage Gleaner

Nesting Category[2]: Tree

Incubation Period[2]: 9 - 11 days

Conservation Status

Continental Importance[4]: Common Bird in Steep Decline

Half Life[4]: Not yet available

Federally Threatened[6]: Western DPS only

Federally Endangered[6]: No

Clutch Size[2]*:* 1 - 5 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* Smooth, unmarked, pale bluish-green fading to light greenish yellow.

Egg length[2]*:* 2.7 - 3.6 cm

Egg width[2]*:* 2.1 - 2.5 cm

Breeding time-frame - Start[5]*:* 1-Mar

Breeding time-frame - Stop[5]*:* 1-Oct

State Threatened[7]*:* MT

State Endangered[7]*:* CA, ID

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* Yes

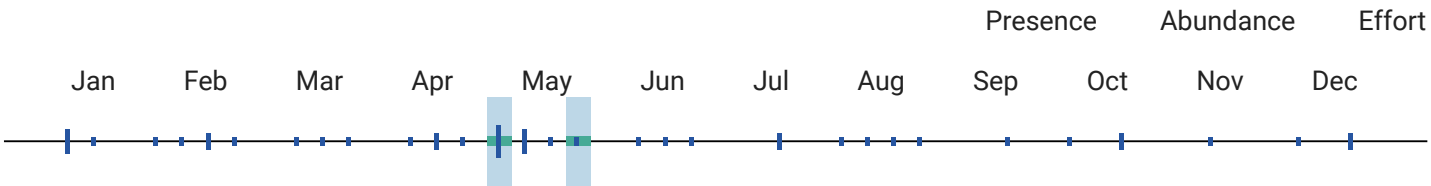
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* No

BCRs where BCC Breeding[9]*:* 28

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] 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

Alpha Code[1]*:* YBCH

Physical Details

Weight[2]*:* 23 - 31 g

Length[2]*:* 18 cm

Habitat

Habitat Category[2]*:* Scrub

Primary Breeding Habitat[4]*:* Forests, Temperate Eastern

Population Information

Global Population[4]*:* 17,000,000

% Population Estimate USA & Canada[4]*:* 88.24%
Lower 95% Bound USA & Canada[3]: 13,000,000
Upper 95% Bound USA & Canada[3]: 17,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 17.06%
Lower 95% Bound BCR[3]: BCR 25 - 2,100,000

Upper 95% Bound BCR[3]: BCR 25 - 3,900,000

% State Population (USA only)[3]: AR - 8.82%
Lower 95% Bound State[3]: AR - 960,000
Upper 95% Bound State[3]: AR - 2,200,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Foliage Gleaner

Nesting Category[2]: Shrub

Incubation Period[2]: 10 - 12 days

Clutch Size[2]: 3 - 6 eggs

Number of Broods[2]: 1 - 2

Egg description[2]: White or off-white with speckles of red, brown, gray, or purple.

Egg length[2]: 1.8 - 2.5 cm

Egg width[2]: 1.5 - 1.9 cm

Breeding time-frame - Start[5]: 1-May

Breeding time-frame - Stop[5]: 15-Aug

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: CT, RI

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: Yes

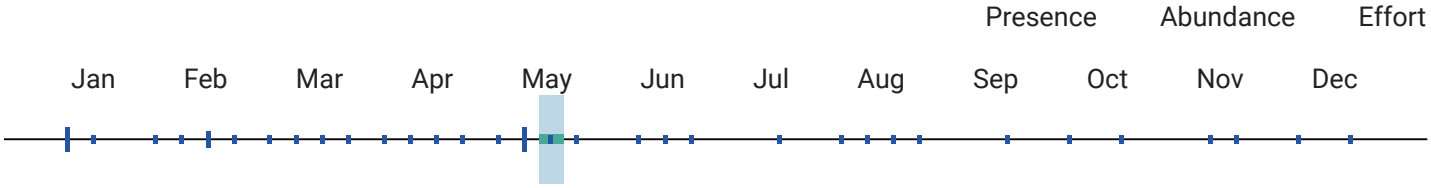
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]: No - ssp. virens only

BCRs where BCC Breeding[9]: 30

BCRs where BCC Non-breeding[9]: Not applicable

More information on BCR's

Phenology Graph



[10] 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[1]: YRWA

Physical Details

Weight[2]: 12 - 13 g

Length[2]: 12 - 14 cm

Habitat

Habitat Category[2]*:* Forests

Primary Breeding Habitat[4]*:* Forests, Boreal

Population Information

Global Population[4]*:* 170,000,000

% Population Estimate USA & Canada[4]*:* 100.00%
Lower 95% Bound USA & Canada[3]: 160,000,000
Upper 95% Bound USA & Canada[3]: 190,000,000

Continental Population Trend[4]*:* Small or uncertain decrease

Regional Population Trend[4]*:* Not yet available

% BCR Population[3]*:* BCR 25 - 0.00%
Lower 95% Bound BCR[3]: BCR 25 - 0
Upper 95% Bound BCR[3]: BCR 25 - 9,500

% State Population (USA only)[3]*:* Not yet available
Lower 95% Bound State[3]: Not yet available
Upper 95% Bound State[3]: Not yet available

Biology

Food Category[2]*:* Insects

Behavior Category[2]*:* Foliage Gleaner

Nesting Category[2]*:* Tree

Incubation Period[2]*:* 12 - 13 days

Clutch Size[2]*:* 1 - 6 eggs

Number of Broods[2]*:* 1 - 2

Egg description[2]*:* White, speckled with brown, reddish-brown, gray, or purplish gray.

Egg length[2]*:* 1.7 - 2.1 cm

Egg width[2]*:* 1.3 - 1.5 cm

Breeding time-frame - Start[5]*:* Not yet available

Breeding time-frame - Stop[5]*:* Not yet available

Conservation Status

Continental Importance[4]*:* Not yet available

Half Life[4]*:* Not yet available

Federally Threatened[6]*:* No

Federally Endangered[6]*:* No

State Threatened[7]*:* Not applicable

State Endangered[7]*:* Not applicable

Migratory Bird Treaty Act[8]*:* Listed

Bird of Conservation Concern (BCC)[9]*:* No

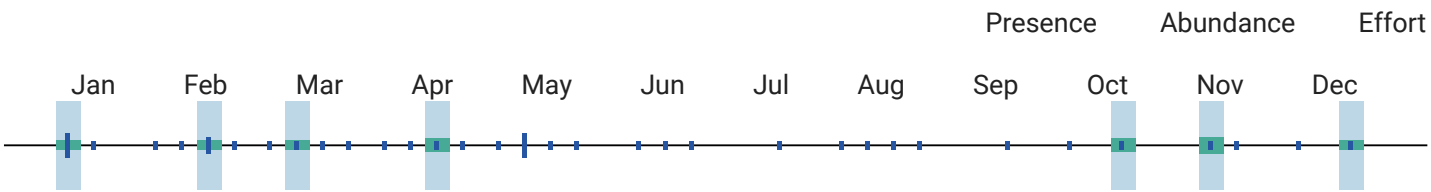
BCC Rangewide in Continental US; and/or PR and VI or HI and Pacific Islands[9,10]*:* Not applicable

BCRs where BCC Breeding[9]*:* Not applicable

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph



[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

Yellow-throated Vireo

Vireo flavifrons

Global: 4,700,000
Continental U.S. & Canada: 4,700,000

Common

Alpha Code

Alpha Code[1]: YTVI

Physical Details

Weight[2]: 15 - 21 g

Length[2]: 13 - 15 cm

Habitat

Habitat Category[2]: Open Woodlands

Primary Breeding Habitat[4]: Forests, Temperate Eastern

Population Information

Global Population[4]: 4,700,000

% Population Estimate USA & Canada[4]: 100.00%
Lower 95% Bound USA & Canada[3]: 4,300,000
Upper 95% Bound USA & Canada[3]: 5,200,000

Continental Population Trend[4]: Significant large increase

Regional Population Trend[4]: Not yet available

% BCR Population[3]: BCR 25 - 12.98%
Lower 95% Bound BCR[3]: BCR 25 - 370,000
Upper 95% Bound BCR[3]: BCR 25 - 890,000

% State Population (USA only)[3]: AR - 7.23%
Lower 95% Bound State[3]: AR - 170,000
Upper 95% Bound State[3]: AR - 610,000

Biology

Food Category[2]: Insects

Behavior Category[2]: Foliage Gleaner

Nesting Category[2]: Tree

Incubation Period[2]: 13 days

Clutch Size[2]: 3 - 5 eggs

Number of Broods[2]: 1

Egg description[2]: Creamy white with sparse dark spots around larger end.

Egg length[2]: 1.8 - 2.3 cm

Egg width[2]: 1.3 - 1.6 cm

Breeding time-frame - Start[5]: Not yet available

Conservation Status

Continental Importance[4]: Not yet available

Half Life[4]: Not yet available

Federally Threatened[6]: No

Federally Endangered[6]: No

State Threatened[7]: Not applicable

State Endangered[7]: Not applicable

Migratory Bird Treaty Act[8]: Listed

Bird of Conservation Concern (BCC)[9]: No

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

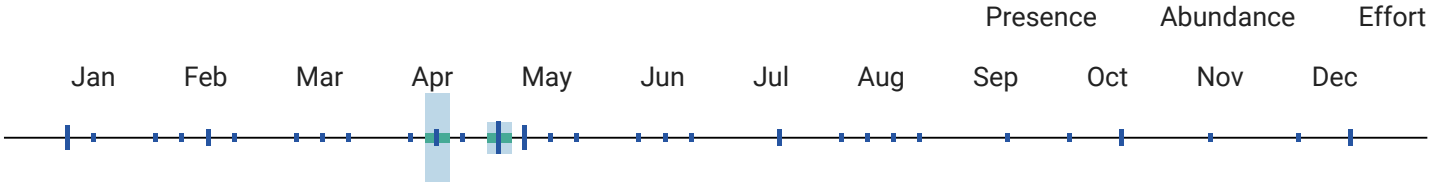
BCRs where BCC Breeding[9]: Not applicable

Breeding time-frame - Stop[5]*:* Not yet available

BCRs where BCC Non-breeding[9]*:* Not applicable

More information on BCR's

Phenology Graph

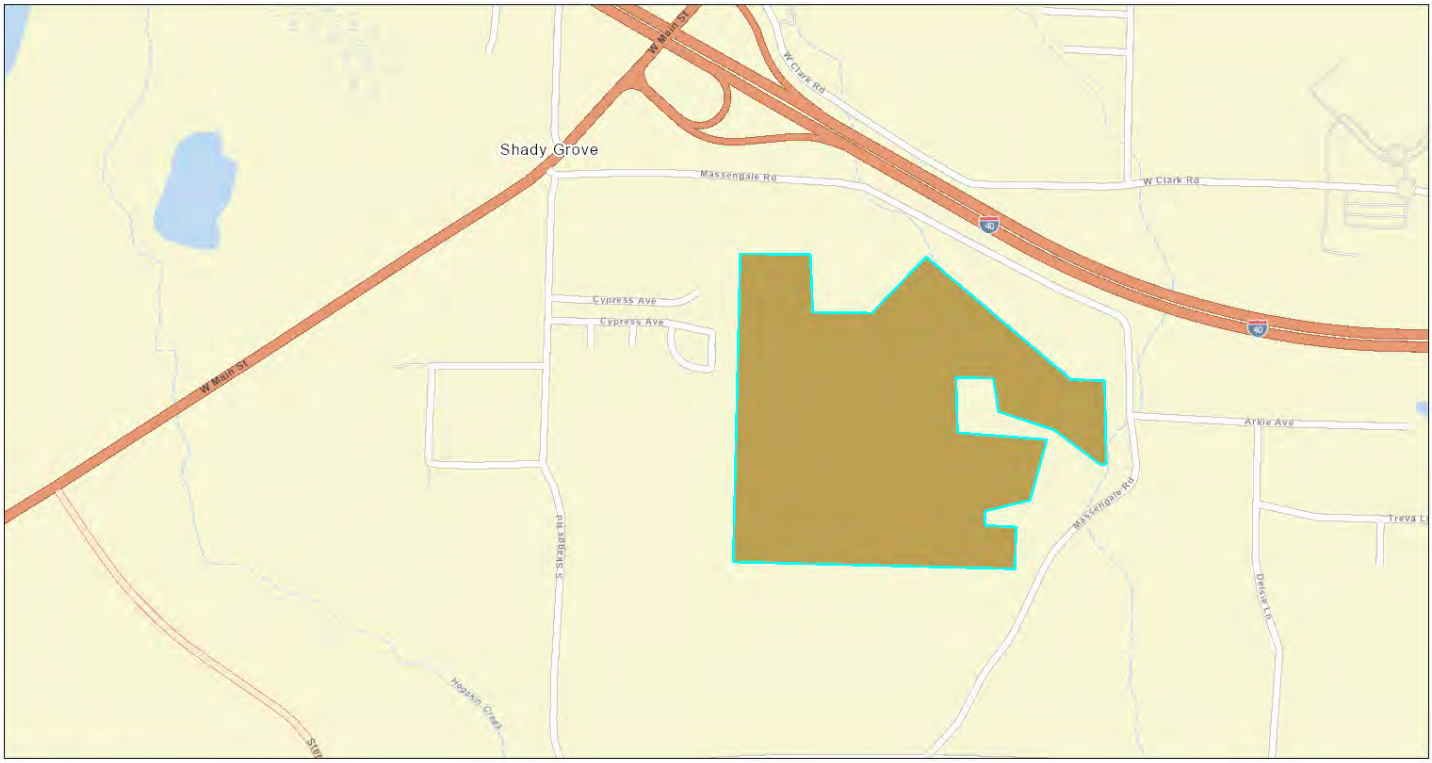


[10] When the value for this field is "No", the bird is a BCC species in only certain BCRs.

APPENDIX H

NEPAssist Report

A3 Landscape



April 10, 2024

Project 1

suncloud_clarksville

1:9,172

0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

Esri Community Maps Contributors, Arkansas GIS Office, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Input Coordinates: 35.455131,-93.519813,35.460941,-93.519652,35.460927,-93.518026,35.459836,-93.517972,35.459822,-93.516606,35.460883,-93.515349,35.458571,-93.511998,35.458549,-93.511216,35.456975,-93.511181,35.456968,-93.511315,35.457619,-93.512384,35.457963,-93.513669,35.458593,-93.513795,35.458607,-93.514657,35.457568,-93.514621,35.457436,-93.512555,35.456295,-93.512941,35.456090,-93.513983,35.455819,-93.513983,35.455790,-93.513265,35.455000,-93.513292,35.455131,-93.519813

Project Area	0.14 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?	yes
Within a stream?	yes
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: 4/10/2024 11:09:45 AM

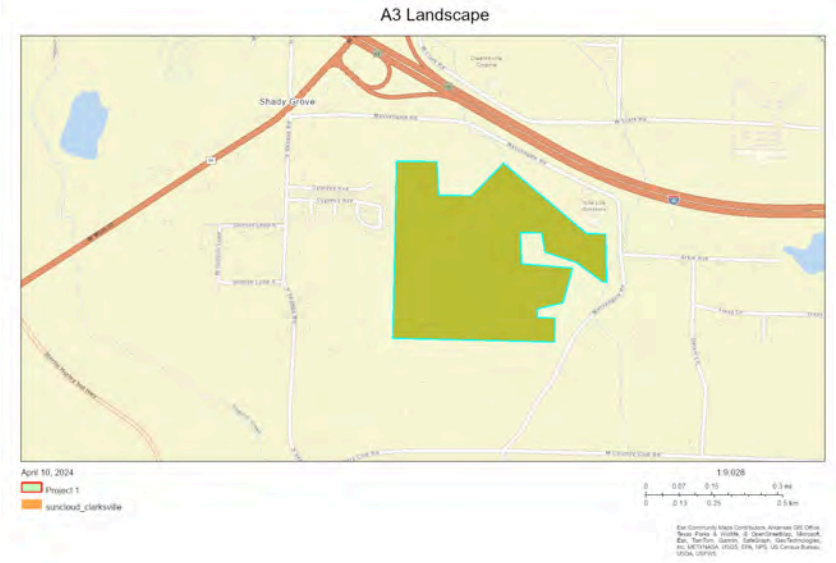
APPENDIX I

EJScreen Community Report

This report provides environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

Clarksville, AR

the User Specified Area
Population: 160
Area in square miles: 0.14



COMMUNITY INFORMATION

- Low income: 54 percent
- People of color: 39 percent
- Less than high school education: 22 percent
- Limited English households: 7 percent
- Unemployment: 1 percent
- Persons with disabilities: 20 percent
- Male: 53 percent
- Female: 47 percent
- 77 years — Average life expectancy
- $33,261 — Per capita income
- Number of households: 67
- Owner occupied: 67 percent

BREAKDOWN BY RACE

- White: 61%
- Black: 0%
- American Indian: 0%
- Asian: 7%
- Hawaiian/Pacific Islander: 0%
- Other race: 0%
- Two or more races: 4%
- Hispanic: 28%

BREAKDOWN BY AGE

From Ages 1 to 4	7%
From Ages 1 to 18	26%
From Ages 18 and up	74%
From Ages 65 and up	23%

LIMITED ENGLISH SPEAKING BREAKDOWN

Speak Spanish	78%
Speak Other Indo-European Languages	0%
Speak Asian-Pacific Island Languages	22%
Speak Other Languages	0%

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.

LANGUAGES SPOKEN AT HOME

LANGUAGE	PERCENT
No language data available.	

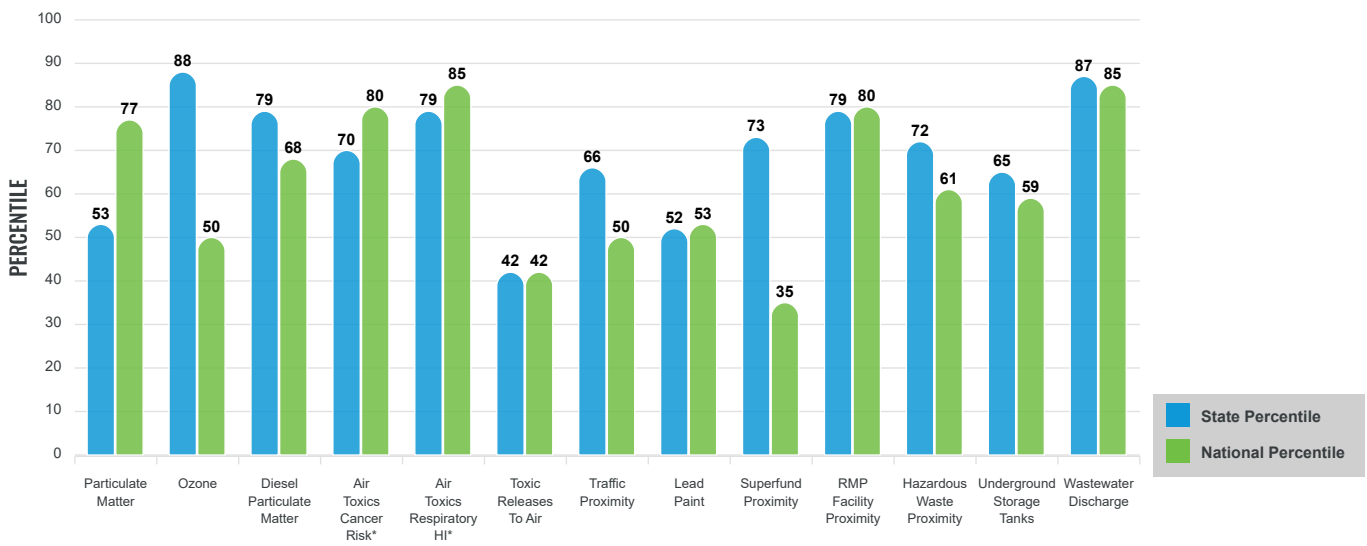
Environmental Justice & Supplemental Indexes

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.

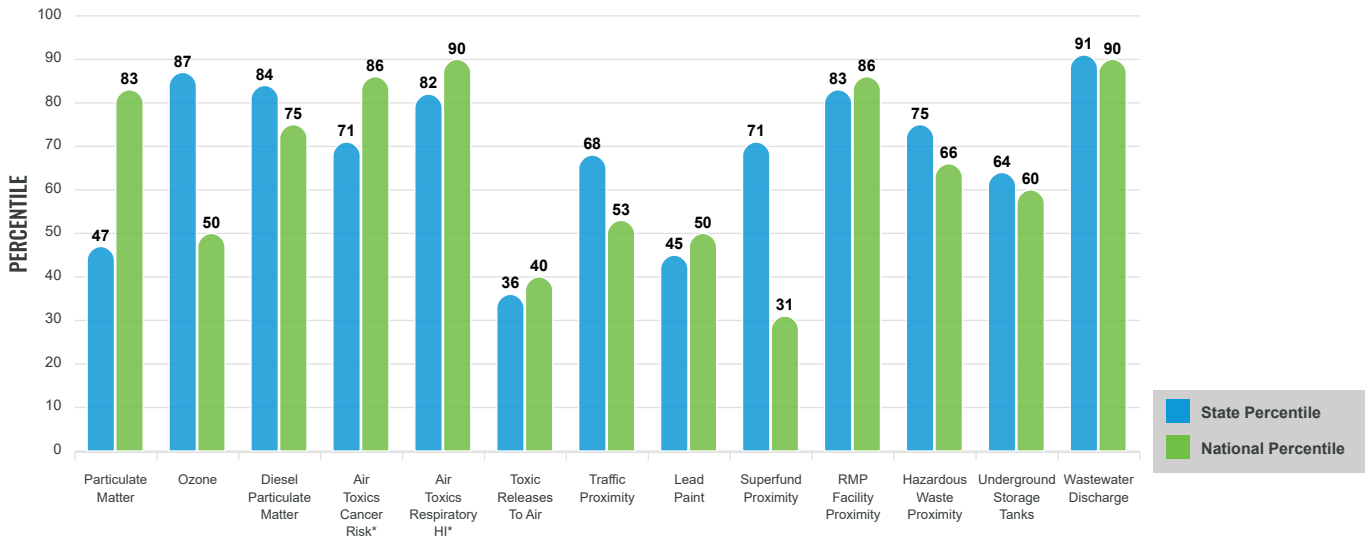
EJ INDEXES FOR THE SELECTED LOCATION



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 the User Specified Area

EJScreen Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter ($\mu g/m^3$)	8.63	8.97	32	8.08	62
Ozone (ppb)	58.3	57.3	81	61.6	26
Diesel Particulate Matter ($\mu g/m^3$)	0.21	0.169	72	0.261	48
Air Toxics Cancer Risk* (lifetime risk per million)	30	30	14	25	52
Air Toxics Respiratory HI*	0.4	0.37	42	0.31	70
Toxic Releases to Air	70	9,400	23	4,600	20
Traffic Proximity (daily traffic count/distance to road)	26	59	50	210	28
Lead Paint (% Pre-1960 Housing)	0.062	0.17	33	0.3	28
Superfund Proximity (site count/km distance)	0.018	0.039	51	0.13	15
RMP Facility Proximity (facility count/km distance)	0.41	0.42	73	0.43	73
Hazardous Waste Proximity (facility count/km distance)	0.25	0.54	58	1.9	39
Underground Storage Tanks (count/km^2)	0.29	1.1	47	3.9	34
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.1	66	88	22	82
SOCIOECONOMIC INDICATORS					
Demographic Index	46%	36%	72	35%	71
Supplemental Demographic Index	21%	17%	75	14%	81
People of Color	39%	31%	69	39%	58
Low Income	54%	41%	73	31%	84
Unemployment Rate	1%	6%	28	6%	24
Limited English Speaking Households	7%	1%	92	5%	79
Less Than High School Education	22%	13%	82	12%	83
Under Age 5	7%	6%	67	6%	69
Over Age 64	23%	18%	71	17%	75
Low Life Expectancy	21%	22%	34	20%	68

*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 0
Hazardous Waste, Treatment, Storage, and Disposal Facilities 0
Water Dischargers 0
Air Pollution 0
Brownfields 0
Toxic Release Inventory 0

Other community features within defined area:

Schools 0
Hospitals 0
Places of Worship 0

Other environmental data:

Air Non-attainment ..... No
Impaired Waters ..... No

Selected location contains American Indian Reservation Lands* ..... No
Selected location contains a "Justice40 (CEJST)" disadvantaged community ..... Yes
Selected location contains an EPA IRA disadvantaged community ..... Yes

Report for the User Specified Area

EJScreen Environmental and Socioeconomic Indicators Data

HEALTH INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Low Life Expectancy	21%	22%	34	20%	68
Heart Disease	8.9	7.7	73	6.1	92
Asthma	11.8	10.4	89	10	89
Cancer	5.7	6.6	23	6.1	39
Persons with Disabilities	22.1%	18.7%	67	13.4%	91

CLIMATE INDICATORS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Flood Risk	11%	10%	67	12%	70
Wildfire Risk	0%	8%	0	14%	0

CRITICAL SERVICE GAPS

INDICATOR	VALUE	STATE AVERAGE	STATE PERCENTILE	US AVERAGE	US PERCENTILE
Broadband Internet	39%	22%	88	14%	95
Lack of Health Insurance	9%	9%	55	9%	60
Housing Burden	No	N/A	N/A	N/A	N/A
Transportation Access	Yes	N/A	N/A	N/A	N/A
Food Desert	Yes	N/A	N/A	N/A	N/A

Report for the User Specified Area

APPENDIX J

T9N R24W Section 2, 11
County: Johnson
Quadrangle: Hartman

Spatial Reference
Name: NAD 1983 StatePlane Arkansas North FIPS 0301 Feet
Source: Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA

Project Location
Airport
Distance

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: 3/21/2024

TODAY'S POWER

NORTH LITTLE ROCK, ARKANSAS
PULASKI

City of Clarksville - SunCloud Site

Airport Proximity

0 1 Miles

O:\Today's Power\GIS\ArcGIS Pro\RUS Maps\SunCloud_CityofClarksville\SunCloud_CityofClarksville.aprx

APPENDIX K

An official website of the United States government
Here's how you know

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 [1], H C Hooper [2], G G Sias [3], G Mezei [4], P Hung [3], R Kavet [5]

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 (≥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