ECLIPSE
SOUNDSCAPES.ORG

Help Your Community Be Eclipse Soundscapes (ES) Observers Quick Start Guide

The purpose of this guide is to provide April 8, 2024 Total Solar Eclipse event and activity organizers (such as Library Staff, Park Rangers & Staff, NASA Sun Spot organizers, etc) with a quick and easy overview of the Eclipse Soundscapes Project and a ready-to-go handout to print and provide to the general public attending your total solar eclipse events so that they can easily facilitate community participation in ES.

Title Page
Page 1: ES Overview & Tips for ES Observer Role Implementation at Large Events
Pages 2 & 3: Front/Back Participation Handout (English)
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NASA Partner

The Eclipse Soundscapes: Citizen Science Project is supported by NASA award No. 80NSSC21M0008

Eclipse Soundscapes Observer Activity

How do solar eclipses affect animals & insects?

The Eclipse Soundscapes Project Overview

The Eclipse Soundscapes Project is a NASA Citizen Science project funded by NASA Science Activation that is studying how solar eclipses affect life on Earth during the 2023 annular eclipse and the April 8, 2024, total solar eclipse. Eclipse Soundscapes will revisit an eclipse study from almost 100 years ago that showed that animals and insects are affected by solar eclipses! Like this study from 100 years ago, ES will ask for the public's help. ES will also use modern technology to continue to study how solar eclipses affect life on Earth!

We need the public's help to gather as much observation data as possible! Eclipse Soundscapes is collecting multisensory observations from the April 8, 2024 total solar eclipse. The observations and sound data collected will help us understand the impact of 2023 and 2024 solar eclipses on various U.S. ecosystems.

Facilitator Training

- Complete Observer Training (20-30 min) https://eclipsesoundscapes.org/observer/
- Review Science behind Eclipse Soundscapes https://eclipsesoundscapes.org/es-csp-science/

Implementation Tips

1. Print out the two-page (front/back) Eclipse Soundscapes Observer Role Field Notes to Handout to hand out to event attendees.
2. Add the Eclipse Maximum Start time to the handout for your area or have information readily available and on display.
3. Participants will need to use their mobile devices to find latitude & longitude (DD). Be ready to share how-to info (https://eclipsesoundscapes.org/location-reporting-format/)

FAQs

What kinds of observations is ES looking for?
What nature sounds and sights do you observe? Do nighttime animals and insects appear and get louder? How about daytime animals and insects? And remember, people are animals too!

How do I submit my observations?
After you observe and take notes during the 10 minutes before eclipse maximum, during eclipse maximum, and the 10 minutes after eclipse maximum, use your notes to help you fill out the online ES Observer submission form at https://eclipsesoundscapes.org/observer/.

Eclipse Soundscapes Observer Activity

How do solar eclipses affect animals & insects?

Date: _____Location: _____

Latitude & Longitude (DD)_____

Location Type: (urban / suburban / country) _____

Location Description: (forest, park, lakefront, etc) _____

How many people are nearby? _____

← Eclipse Maximum Time: _____

Weather: _____

_____

Observation Start Time: _____ Observation Stop Time: _____

(For 10+ minutes) Before Eclipse Maximum (Hear / See / Feel) - Species? behavior?

Insects	Birds	Amphibians
Mammals	Reptiles	People/vehicles

During Eclipse Maximum (Hear / See / Feel) (Hear / See / Feel) - Species? behavior?

Insects	Birds	Amphibians

Eclipse Soundscapes Observer Activity

How do solar eclipses affect animals & insects?

Mammals	Reptiles	People/vehicles

(For 10+ minutes) After Eclipse Maximum (Hear / See / Feel) - Species? behavior?

Insects	Birds	Amphibians
Mammals	Reptiles	People/vehicles

Additional Observations / Notes:

_____

_____

_____

_____

Submit your observations so they can be included in the Eclipse Soundscapes Project & receive an Observer Certificate!
EclipseSoundscapes.org/Observer

Observador de Eclipse Soundscapes - Notas de campo

¿Cómo afectan los eclipses solares a los animales y los insectos?

Fecha: _____ Ubicación: _____

Latitud y Longitud (DD)_____

Tipo de ubicación: (urbana/suburbana/rural) _____

Descripción de la ubicación: (parque, frente a un lago, etc.) _____

¿Cuántas personas hay cerca? _____

Hora de inicio del máximo del eclipse: _____

Clima: _____

Hora de inicio de la observación: _____ Hora de fin de la observación: _____

(Para más de 10 minutos) Antes del máximo del eclipse (oír/ver/tocar) - ¿Especie? ¿Comportamiento?

Insectos	Aves	Anfibios
Mamíferos	Reptiles	Gente/vehículos

Durante el máximo del eclipse (oír/ver/tocar) - ¿Especie? ¿Comportamiento?

Insectos	Aves	Anfibios

Partner

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Observador de Eclipse Soundscapes - Notas de campo

¿Cómo afectan los eclipses solares a los animales y los insectos?

Mamíferos	Reptiles	Gente/vehículos

(Para más de 10 minutos) Después del máximo del eclipse (oír/ver/tocar) - ¿Especie? ¿Comportamiento?

Insectos	Aves	Anfibios
Mamíferos	Reptiles	Gente/vehículos

Otras observaciones/Notas:

¡**Envíe sus observaciones** para que puedan incluirse en el Proyecto Eclipse Soundscapes y reciba un Certificado de Observador!
EclipseSoundscapes.org/Observer

Partner

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