



ST. JOHNS
RIVERKEEPER®

Scientific Monitoring

Data Sheet

Citizen Science...

inspire citizens to get more involved in the issues affecting the natural places they cherish and provides an effective way to collect scientific data in the midst of everyday life.

For these reasons and more, St. Johns Riverkeeper is excited to launch new citizen science programs to help protect and restore our river – with the help of you!

Watch

- Introduction to the St. Johns River
- Scientific Monitoring tutorial (Coming Soon)

Materials

- Pen or Pencil
- Data Sheet
- Clipboard



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Hydrosphere Observations

School Name: _____ Class or Group Name: _____

Name(s) of Student(s) collecting data: _____

Measurement Location and Time

Name of site: _____ Name of Tributary: _____

Year: _____ Month: _____ Time (local): _____

Location State (Check one)

- Normal Dry Flooded Frozen Unreachable

Note: If Normal is selected, continue below; all other selections, stop here

Sky Conditions (Check one)

- Clear (no clouds visible)
- Clouds visible (1% to 100% covered by clouds or contrails)
- Obscured (More than 25% of the sky is not visible. i.e. fog, smoke, rain, etc.)

Obscured by: _____

Note: Selecting Obscured will prevent data entry on clouds and contrails; therefore skip the cloud and contrail type and cover sections.

If clouds are visible, select all cloud types seen

High (in the sky):

Check all seen



Cirrus



Cirrocumulus



Cirrostratus

Middle (of the sky)

Check all seen



Altostratus



Altocumulus



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Low (in the sky)
Check all seen



Stratus



Stratocumulus



Cumulus

Rain/snow producing
Check all seen



Nimbostratus



Cumulonimbus

What percent of the sky is covered by clouds? (Check one)



No Clouds
(0%)



Few
(0-10%)



Isolated
(10-25%)



Scattered
(25-50%)



Broken
(50-90%)



Overcast
(>90%)

Are their contrails in the sky? (Check one) None Visible Visible

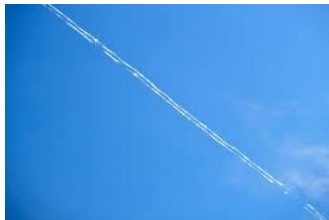
If contrails are visible, record the number of each type seen

Short lived



____ Number Observed

Persistent non-spreading



____ Number Observed

Persistent spreading



____ Number Observed

What percent of the sky is covered by contrails? (Check one)

0 to 10%

10% to 25%

25% to 50%

>50%



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Animal and Habitat Survey Data

Date	
Time	
Tide	

Cloud Cover	
Air Temp.	
Prec.	

Birds

Species	# of birds	Notes

*Need help identifying birds? Visit [Audubon Florida](#). Want to report the birds you see? Download the [ebirding](#) app to share with the world the birds you are seeing in your area!

Reptiles and Amphibians

Species	# of animals	Notes



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Mammals

Species	# of animals	Notes

Insects

Species	# of insects	Notes

Animal Evidence

Evidence observed (i.e. poop)	Species	Notes

*Contribute to biodiversity science by sharing your findings with [iNaturalist](https://www.inaturalist.org). Record on your data sheet and then share it with the world!



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Human Impact

Evidence observed	Amount	Location (Latitude and Longitude)	Notes

*Report any human impact you see to St. Johns Riverkeeper Advocacy Team either through [email](#) or through the [Water Reporter](#) app. These impacts can be trash, algae, sediment runoff, etc. Be sure to include a picture of what you are seeing.



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