

# Spatiotemporal Assessments of Greenhouse Gas Concentration and Flux in Headwater Tropical Streams

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## Key Points:

- List up to three key points (at least one is required)
- Key Points summarize the main points and conclusions of the article
- Each must be 100 characters or less with no special characters or punctuation

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## Abstract

A good abstract will begin with a short description of the problem being addressed, briefly describe the new data or analyses, then briefly states the main conclusion(s) and how they are supported and uncertainties.

## Plain language summary

Some journals require a plain language summary. See: <https://publications.agu.org/author-resource-center/text-requirements/#abstract>

Suggested section heads

## 1 Introduction

The main text should start with an introduction. Except for short manuscripts (such as comments and replies), the text should be divided into sections, each with its own heading.

Headings should be sentence fragments and do not begin with a lowercase letter or number. Capitalize the first letter of each word (except for prepositions, conjunctions, and articles that are three or fewer letters).

## 2 Materials and Methods

Here is text on Materials and Methods.

Do not use bulleted lists; enumerated lists are okay. Use #. for list for a cleaner LaTeX output.

1. First element
2. Second element

### 2.1 A descriptive heading about methods

Please use ONLY `\citet` and `\citep` for reference citations. DO NOT use other cite commands (e.g., `\cite`, `\citeyear`, `\nocite`, `\citealp`, etc.). Example `\citet` and `\citep`: ... as shown by Levitus et al. (2012), Nuncio, Luis, and Yuan (2011) and Raphael (2004) ... as

shown by (Levitus et al., 2012), (Nuncio et al., 2011), (Raphael, 2004). . . . has been shown  
(e.g., Levitus et al., 2012; Nuncio et al., 2011; Raphael, 2004).

### 3 Data

Or section title might be a descriptive heading about data

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`\note[editor]{The note}`

`\annote[editor]{Text to annotate}{The note}`

`\add[editor]{Text to add}`

`\remove[editor]{Text to remove}`

`\change[editor]{Text to remove}{Text to add}`

complete documentation is here: <http://trackchanges.sourceforge.net/>

### 4 Results

Or section title might be a descriptive heading about the results

Enter Figures and Tables near as possible to where they are first mentioned: DO NOT USE `\psfrag` or `\subfigure` commands. DO NOT USE `\newcommand`, `\renewcommand`, or `\def`, etc.

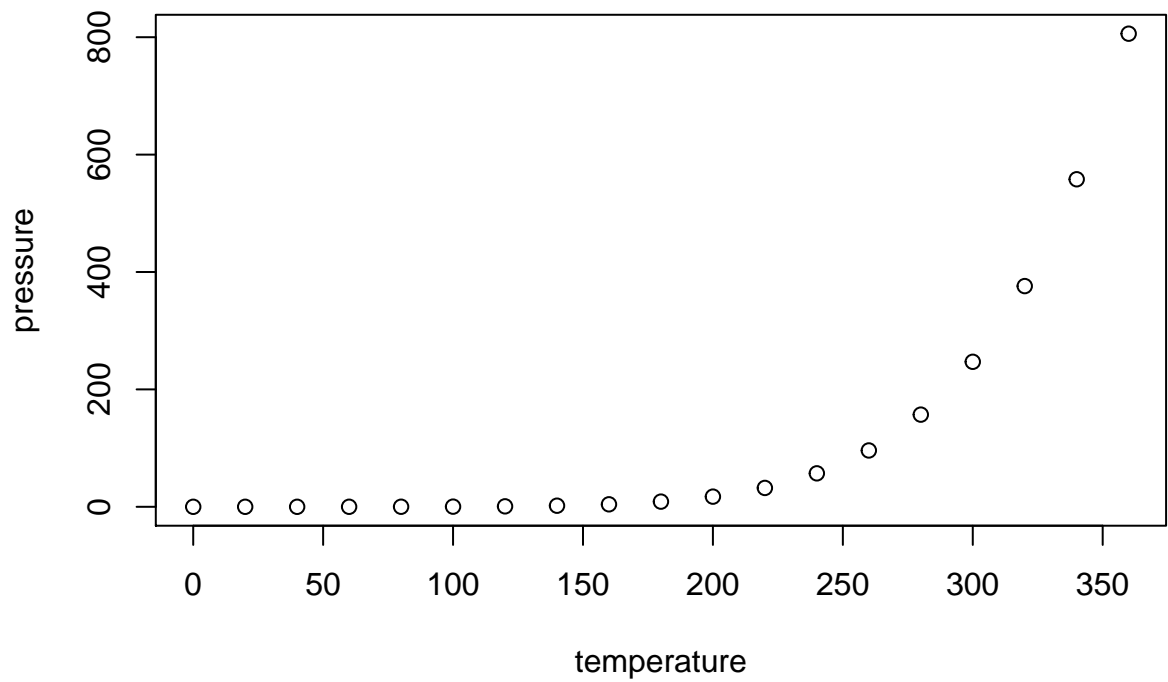
Example table

AGU prefers the use of `{sidewaystable}` over `{landscapetable}` as it causes fewer problems.

If using numbered lines, please surround equations with `\begin{linenomath*}`...  
`\end{linenomath*}`

$$y|f \sim g(m, \sigma) \tag{1}$$

### 5 Conclusions



52 **Figure 1.** Please caption every figure

61 **A Here is a sample appendix**

62 Optional Appendix goes here

63 Optional Glossary, Notation or Acronym section goes here:

64 Glossary is only allowed in Reviews of Geophysics

65 **Glossary**

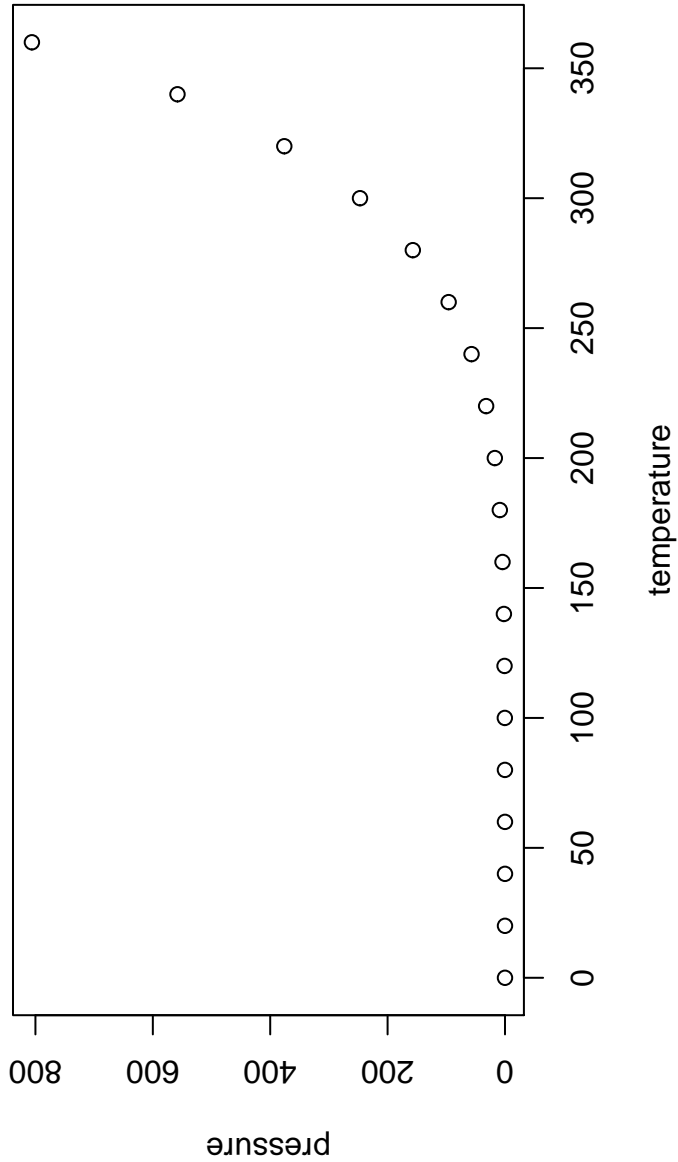
66 **Term** Term Definition here

67 **Term** Term Definition here

68 **Term** Term Definition here

69 **Acronyms**

70 **Acronym** Definition here



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**Table 1.** Time of the Transition Between Phase 1 and Phase 2<sup>a</sup>

Run	Time (min)
<i>l1</i>	260
<i>l2</i>	300
<i>l3</i>	340
<i>h1</i>	270
<i>h2</i>	250
<i>h3</i>	380
<i>r1</i>	370
<i>r2</i>	390

<sup>a</sup>Footnote text here.

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**EMOS** Ensemble model output statistics

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**ECMWF** Centre for Medium-Range Weather Forecasts

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**Notation**

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***a* + *b*** Notation Definition here

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***e* = *mc*<sup>2</sup>** Equation in German-born physicist Albert Einstein's theory of special rela-

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tivity that showed that the increased relativistic mass (*m*) of a body comes from

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the energy of motion of the body—that is, its kinetic energy (*E*)—divided by the

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speed of light squared (*c*<sup>2</sup>).

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**Acknowledgments**

80

The acknowledgments must list: A statement that indicates to the reader where the data supporting the conclusions can be obtained (for example, in the references, tables, supporting information, and other databases).

83

All funding sources related to this work from all authors

84

Any real or perceived financial conflicts of interests for any author

**Table 2.** Caption here

one	two	three
four	five	six

Other affiliations for any author that may be perceived as having a conflict of interest with respect to the results of this paper.

It is also the appropriate place to thank colleagues and other contributors.

AGU does not normally allow dedications.

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