The title of my paper

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- ¹The first affiliation
- ²The second affiliation
- 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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9 Abstract

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- 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.

13 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 biological pump, in which sinking particles transport carbon from the surface 18 into the deep ocean, is a key part of the global carbon cycle (Neuer, Iversen, & Fischer, 19 2014; Turner, 2015). Organic matter flux into the deep ocean is a function both of ex-20 port from the photic zone into the mesopelagic (export flux), and the fraction of that 21 flux that crosses through the mesopelagic (transfer efficiency) (Francois, Honjo, Krish-22 field, & Manganini, 2002; Passow & Carlson, 2012; Siegel et al., 2016) (Passow and Carlson 2012; Siegel et al. 2016; Francois et al. 2002). The transfer efficiency of the biological pump may affect global atmospheric carbon levels (Kwon, Primeau, & Sarmiento, 2009) (Kwon, Primeau, and Sarmiento 2009). Thus, understanding the processes that 26 shape organic matter degradation in the mesopelagic is critical. 27

1.1 Test for double add

- As seen by (Weber, Cram, Leung, DeVries, & Deutsch, 2016)
- or even as seen by (?)

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
35
         2. Second element
           (Weber & Bianchi, 2020)
37
           Actual refs (Evans et al., 2020)
38
           2.1 A descriptive heading about methods
39
      3 Data
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           Or section title might be a descriptive heading about data
           As of 2018 we recommend use of the TrackChanges package to mark revisions. The
42
     trackchanges package adds five new LaTeX commands:
           \note[editor]{The note}
           \annote[editor]{Text to annotate}{The note}
           \add[editor]{Text to add}
           \remove[editor]{Text to remove}
47
           \change[editor]{Text to remove}{Text to add}
           complete documentation is here: http://trackchanges.sourceforge.net/
      4 Results
50
           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.
54
           Example table
           AGU prefers the use of {sidewaystable} over {landscapetable} as it causes fewer
     problems.
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           If using numbered lines, please surround equations with \begin{linenomath*}...
      \end{linenomath*}
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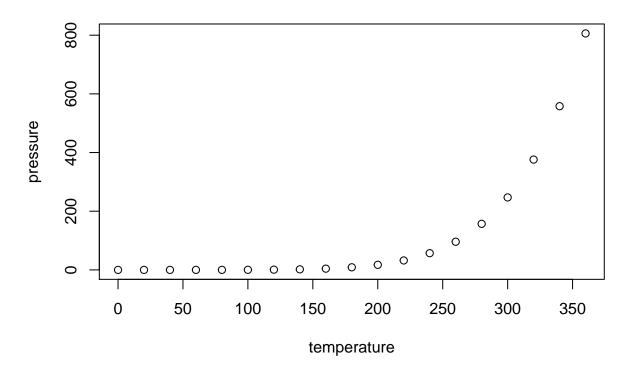


Figure 1. Please caption every figure

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

- 5 Conclusions
- A Here is a sample appendix
- Optional Appendix goes here
- 66 Optional Glossary, Notation or Acronym section goes here:
- Glossary is only allowed in Reviews of Geophysics
- 68 Glossary
- ⁶⁹ **Term** Term Definition here
- 70 **Term** Term Definition here
- 71 **Term** Term Definition here
- 72 Acronyms
- ⁷³ **Acronym** Definition here

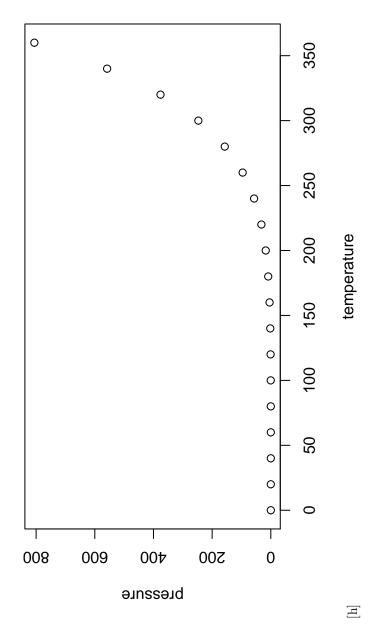


Figure 2. Please caption every figure

Table 1. Time of the Transition Between Phase 1 and Phase 2^a

Run	Time (min)
$\overline{l1}$	260
l2	300
l3	340
h1	270
h2	250
h3	380
r1	370
r2	390

^aFootnote text here.

- 74 EMOS Ensemble model output statistics
- Forecasts ECMWF Centre for Medium-Range Weather Forecasts

Notation

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- a+b Notation Definition here
- $e=mc^2$ Equation in German-born physicist Albert Einstein's theory of special relativity that showed that the increased relativistic mass (m) of a body comes from the energy of motion of the bodythat is, its kinetic energy (E)divided by the speed of light squared (c^2) .

82 Acknowledgments

- 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).
- All funding sources related to this work from all authors
- 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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