Dust-driven cloud glaciation over summertime Arctic sea ice

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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

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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.

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

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33

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

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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 trackchanges package adds five new LaTeX commands:
- \note[editor]{The note}
- \annote[editor]{Text to annotate}{The note}
- 45 \add[editor]{Text to add}
- \text{remove[editor]{Text to remove}}
- 47 \change[editor]{Text to remove}{Text to add}
- complete documentation is here: http://trackchanges.sourceforge.net/

4 Results

- $_{\rm 50}$ $\,$ Or section title might be a descriptive heading about the results
- 51 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 $\left(\frac{1}{2}\right)$...
- $\ensuremath{^{60}}$ \end{linenomath*}

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

5 Conclusions

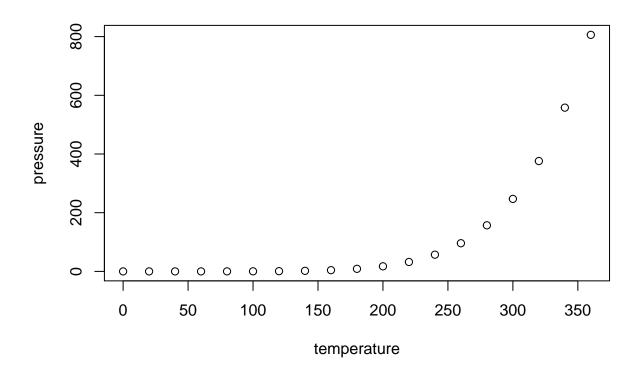


Figure 1. Please caption every figure

A Here is a sample appendix

- Optional Appendix goes here
- Optional Glossary, Notation or Acronym section goes here:
- Glossary is only allowed in Reviews of Geophysics

67 Glossary

- 68 **Term** Term Definition here
- Term Term Definition here
- 70 **Term** Term Definition here

71 Acronyms

Acronym Definition here

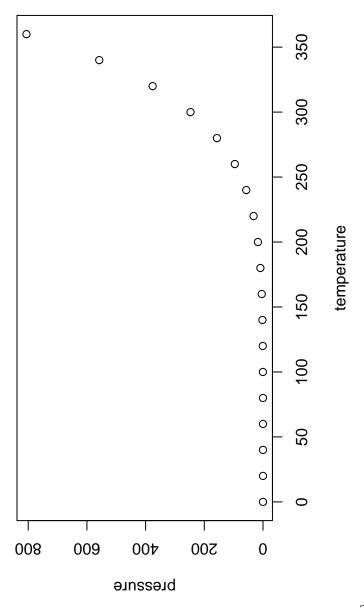


Figure 2. Please caption every figure

[p]

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.

- ⁷³ **EMOS** Ensemble model output statistics
- 74 ECMWF Centre for Medium-Range Weather Forecasts

75 Notation

- 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 body—that is, its kinetic energy (E)—divided by the speed of light squared (c^2) .

81 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

)		
	$_{ m three}$	six
1	two	five
	one	four

- 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.

10.1029/2011GL046898

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