

Transient Eddies in the TES/MCS Ensemble Mars Atmosphere
Reanalysis System (EMARS)

Steven J. Greybush , Hartzel E. Gillespie , R. John Wilson

PII: S0019-1035(17)30756-X
DOI: <https://doi.org/10.1016/j.icarus.2018.07.001>
Reference: YICAR 12948

To appear in: *Icarus*

Received date: 26 October 2017
Revised date: 18 May 2018
Accepted date: 5 July 2018

Please cite this article as: Steven J. Greybush , Hartzel E. Gillespie , R. John Wilson , Transient Eddies in the TES/MCS Ensemble Mars Atmosphere Reanalysis System (EMARS), *Icarus* (2018), doi: <https://doi.org/10.1016/j.icarus.2018.07.001>



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- The Ensemble Mars Atmosphere Reanalysis System (EMARS) spans TES and MCS.
- Reanalysis transient eddies are compared with observations; robustness is assessed.
- EMARS and MACDA are more similar to each other than freely running models.
- Synoptic maps, wave regimes, seasonality, and interannual variability are explored.

Download English Version:

<https://daneshyari.com/en/article/8133669>

Download Persian Version:

<https://daneshyari.com/article/8133669>

[Daneshyari.com](https://daneshyari.com)