Recent Publications

(Alphabetized by lead author; EMC Federal authors in black boldface, EMC Contractor authors in red boldface; full author affiliations listed in the articles)

2022

Hamill, T., Whitaker, J. S., Shlyaeva, A., Bates, G., Fredrick, S., Pegion, P., **Sinsky, E.**, **Zhu, Y.**, **Tallapragada, V.**, **Guan, H**., **Zhou, X.**, and **Woollen, J.** (2021). The Reanalysis for the Global Ensemble Forecast System, version 12. *Mon. Wea. Rev.*, <https://doi.org/10.1175/MWR-D-21-0023.1>

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**Black, T. L.**, **J. A. Abeles**, **B. T. Blake**, **D. Jovic**, **E. Rogers**, **X. Zhang**, **E. A. Aligo**, **L. C. Dawson**, **Y. Lin**, **E. Strobach**, **P. C. Shafran**, and **J. R. Carley**, 2021: A Limited Area Modeling Capability for the Finite-Volume Cubed-Sphere (FV3) Dynamical Core and Comparison with a Global Two-Way Nest. *Journal of Advances in Modeling Earth Systems,* **13(6)**, <https://doi.org/10.1029/2021MS002483>

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**Carley, J. R.**, M. Matthews, **M. T. Morris**, **M. S. F. V. De Pondeca**, J. Colavito, and **R. Yang**, 2021: Variational assimilation of web camera-derived estimates of visibility for Alaska aviation. *Experimental Results*, **2,** e14. <http://dx.doi.org/10.1017/exp.2020.66>

Fan, Y., [**V. Krasnopolsky**](https://journals.ametsoc.org/search?f_0=author&q_0=Vladimir+Krasnopolsky), [H. van den Dool](https://journals.ametsoc.org/search?f_0=author&q_0=Huug+van+den+Dool), [C.-Y. Wu](https://journals.ametsoc.org/search?f_0=author&q_0=Chung-Yu+Wu), and [J. Gottschalck](https://journals.ametsoc.org/search?f_0=author&q_0=Jon+Gottschalck), 2021: Using Artificial Neural Networks to Improve CFS Week 3-4 Precipitation and 2-Meter Air Temperature Forecasts. *Wea. Forecasting*, **36**, <https://doi.org/10.1175/WAF-D-20-0014.1>

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