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)

2021

Abdolali, A., Van Der Westhuysen, A., Ma, Z., Mehra, A., Roland, A., and Moghimi, S., 2021: Evaluating the accuracy and uncertainty of atmospheric and wave model hindcasts during severe events using model ensembles. *Ocean Dynamics*, **71**, 19 pp. https://doi.org/10.1007/s10236-020-01426-9 or https://rdcu.be/cdfjB

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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**, H. van den Dool, C.-Y. Wu, and J. 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

Hazelton, A., **Z. Zhang, B. Liu, J. Dong**, G. Alaka, **W. Wang**, T. Marchok, **A. Mehra**, S. Gopalakrishnan, X. Zhang, M. Bender, **V. Tallapragada**, and F. Marks, 2021: 2019 Atlantic Hurricane Forecasts from The Global-Nested Hurricane Analysis and Forecast System: Composite Statistics and Key Events. *Wea. Forecasting*, **36**, 519-538. https://doi.org/10.1175/WAF-D-20-0044.1

Peters-Lidard, C. D., D. M. Mocko, L. Su, D. P. Lettenmaier, P. Gentine, and **M. Barlage**, 2021: Advances in Land Surface Models and Indicators for Drought Monitoring and Prediction. *Bull. Amer. Meteor. Soc.*, **102**, https://doi.org/10.1175/BAMS-D-20-0087.1

Qian, W.H., **J. Du**, and Y. Ai, 2021: A Review: anomaly-based versus full-field based weather analysis and forecasting. *Bull. Amer. Meteor. Soc*, **102**, DOI: https://doi.org/10.1175/BAMS-D-19-0297.1

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