

Publications

Refereed Journal Articles

Gard, T., Fuelberg, H., & Cintineo, J. The Utility of ProbSevere v2.0 for Predicting Pulse Severe Thunderstorms. *Weather and Forecasting*. Manuscript submitted for publication.

MacNamara, B., Schultz, C., & Fuelberg, H. (2020). Flash Characteristics and Precipitation Metrics of Western U.S. Lightning Initiated Wildfires from 2017. *Fire*, 3, 20.
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Preston, A. D., Fuelberg, H. E., & Barth, M. (2019). Simulation of chemical transport by Typhoon Mireille (1991). *Journal of Geophysical Research*, 11614-11639.
doi:https://doi.org/10.1029/2019JD030446

Patton, J. R., & Fuelberg, H. E. (2019). Using radar-derived parameters to develop probabilistic guidance for lightning cessation within isolated convection near Cape Canaveral, Florida. *Weather and Forecasting*. doi:https://doi.org/10.1175/WAF-D-18-0144.1

Allison, T., Fuelberg, H., & Heath, N. (2018). Simulations of Vertical Water Vapor Transport for TC Ingrid (2013). *Journal of Geophysical Research-Atmospheres*, 123, 1-28.
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Mazzetti, T. O., & Fuelberg, H. E. (2017). An analysis of lightning flash rates over Florida. *Journal of Geophysical Research-Atmospheres*, 122, 1.
doi:https://doi.org/10.1002/2017JD027579

Teegavarapu, R., Aly, A., Pathak, C., Ahlquist, J., Fuelberg, H., & Hood, J. (2017). Infilling missing precipitation records using variants of spatial interpolation and data-driven methods: Use of optimal weighting parameters and nearest neighbor-based corrections. *International Journal of Climatology*, 1-2. doi:10.1002/joc.5209

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Preston, A. D., & Fuelberg, H. E. (2015). Improving Lightning Cessation Guidance Using Polarimetric Radar Data. *Weather and Forecasting*, 30(2), 308-328. doi:10.1175/waf-d-14-00031.1

Onderlinde, M. J., & Fuelberg, H. E. (2014). A parameter for forecasting tornadoes associated with landfalling tropical cyclones. *Wea. Forecasting*, 29, 1238-1255.

Marchand, M. R., & Fuelberg, H. E. (2014). Assimilation of lightning data using a nudging method involving low-level warming. *Mon. Wea. Rev.*, 142, 4850-4871.

Fuelberg, H. E., Walsh, R. J., & Preston, A. D. (2014). The extension of lightning flashes from thunderstorms near Cape Canaveral, Florida. *J. Geophys. Res.*, 119, 9965–9979.
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