

NASA SPoRT Peer-reviewed Journal Publications:

- Case, J. L., F. J. LaFontaine, J. R. Bell, G. J. Jedlovec, S. V. Kumar, and C. D. Peters-Lidard, 2013:** A real-time MODIS vegetation product for land surface and numerical weather prediction models. *IEEE Trans. Geosci. Remote Sens., In Press.*
- Goodman, S. J., R. J. Blakeslee, W. J. Koshak, D. Mach, J. Bailey, D. Buechler, L. Carey, C. Schultz, M. Bateman, E. McCaul Jr., **G. Stano**, 2013: The GOES-R Geostationary Lightning Mapper (GLM). *Atmos. Res.*, **125-126**, 34-49.
- Goodman, S. J., J. Gurka, M. DeMaria, T. J. Schmit, A. Mostek, **G. Jedlovec**, C. Siewert, W. Feltz, J. Gerth, R. Brummer, S. Miller, B. Reed, and R. R. Reynolds, 2012: The GOES-R Proving Ground: Accelerating User Readiness for the Next-Generation Geostationary Environmental Satellite System. *Bull. Amer. Meteor. Soc.*, **93**, 1029 -1040.
- Jedlovec, G.**, 2013: Transitioning Research Satellite Data to the Operational Weather Community: The SPoRT Paradigm. *Geoscience and Remote Sensing Newsletter*, March, L. Bruzzone, editor, Institute of Electrical and Electronics Engineers, Inc., New York, 62-66.
- Medlin, J. M., **G. T. Stano**, and B. F. Daly, 2012: Diagnosis of a dense fog event using MODIS and high resolution GOES satellite products with direct model output. *Electronic J. Operational Meteor.*, **13** (2), 15-31.
- Merceret, F. J., T. P. O'Brien, W. P. Roeder, L. L. Huddleston, W. H. Bauman III, and **G. J. Jedlovec**, 2013: Transitioning research to operations: Transforming the "valley of death" into a "valley of opportunity". *Space Weather*, **11**, 1-4.
- Molthan, A. L.**, and B. A. Colle, 2012: Comparisons of Single- and Double-Moment Microphysics Schemes in the Simulation of a Synoptic-Scale Snowfall Event. *Mon. Wea. Rev.*, **140**, 2982-3002.
- Molthan, A. L., J. E. Burks, K. M. McGrath, and F. J. LaFontaine**, 2013: Multi-Sensor Examination of Hail Damage Swaths for Near Real-Time Applications and Assessment. *J. Operational Meteor.*, **1** (13), 144-156. [Available online at <http://www.nwas.org/iom/articles/2013/2013-JOM13/2013-JOM13.pdf>]
- Molthan, A.**, and **G. Jedlovec**, 2013: Satellite observations monitor outages from Superstorm Sandy. *Eos, Trans. Amer. Geophys. Union*, **94** (5), 53-54.
- Ralph, M., J. Intrieri, D. Andrea, Jr., R. Atlas, S. Boukabara, D. Bright, P. Davidson, B. Entwistle, J. Gaynor, S. Goodman, J. Gwo-Jiing, A. Harless, J. Huang, **G. Jedlovec**, J. Kain, S. Koch, B. Kuo, J. Levit, S. T. Murillo, L. P. Riishojgaard, T. Schneider, R. Schneider, T. Smith, and S. Weiss, 2013: The Emergence of the Weather-focused Testbeds Linking Research and Forecasting Operations. *Bull. Amer. Met. Soc.*, *In Press*, doi:10.1175/BAMS-D-12-00080.
- Schultz, C. J., S. E. Nelson, L. D. Carey, L. Belanger, B. C. Carcione, C. B. Darden, T. Johnstone, **A. L. Molthan, G. J. Jedlovec**, E. V. Schultz, C. C. Crowe, and K. R. Knupp, 2012: Dual-polarization tornadic debris signatures Part II: Comparisons and caveats. *Electronic J. Operational Meteor.*, **13** (10), 138-150.
- Zavodsky, B. T., S.-H. Chou, and G. J. Jedlovec**, 2012: Improved regional analyses and heavy precipitation forecasts with assimilation of atmospheric infrared sounder retrieved thermodynamic profiles. *IEEE Trans. Geosci. Remote Sens.*, **50**, 4243-4251.
- Zavodsky, B. T., J. L. Case, C. B. Blankenship, W. L. Crosson, K. D. White**, 2013: Application of next-generation satellite data to a high-resolution, real-time land surface model. *Earthzine*, J. Kart, editor, Institute of Electrical and Electronics Engineers. [Available online at <http://www.earthzine.org/2013/04/10/application-of-next-generation-satellite-data-to-a-high-resolution-real-time-land-surface-model/>]
- Zavodsky, B. T., A. L. Molthan**, and M. J. Folmer, 2013: Multispectral Imagery for Detecting Stratospheric Intrusions Associated with Mid-Latitude Cyclones. *J. Operational Meteorology*, **1** (7), 71-83. [Available online at <http://www.nwas.org/iom/articles/2013/2013-JOM7/2013-JOM7.pdf>]