

2012 Publications for the NEWS website

Cullather, R. I., M. G. Bosilovich, 2012: The Moisture Budget of the Polar Atmosphere in MERRA. *J. Climate*, **25**, 5–24. (Jan 2012)

Liu, J., J. Curry, H. Wang, and M. Song, 2012: Impact of Declining Arctic Sea Ice on Winter Snowfall, *Proc Natl Acad Sci.*, 109(11):4074-4079., (PNAS)

Tang, Q., and D. P. Lettenmaier, 2012: 21st Century Runoff Sensitivities of Major Global River Basins, *Geophys. Res. Lett.*, 39, L06403

Liu, Jiping, J. Curry, H. Wang, and M. Song, 2012: Impact of Declining Arctic Sea Ice on Winter Snowfall, submitted to Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, 100029 China, (PNAS, March 2012)

Bailing Li, M. Rodell, B. F. Zaitchik, R. H. Reichle, R. D. Koster, T. M. van Dam · 2012: Assimilation of GRACE Terrestrial Water Storage into a Land Surface Model: Evaluation and Potential Value for Drought Monitoring in Western and Central Europe. *J. Hydrol.* 2012.04.035

Foster, J. L., Skofronick-Jackson, G., Meng, H., Wang, J. R., Riggs, G., Kocin, P. J. Johnson, B. T., Cohen, J. Hall, D. K. and S. V. Nghiem, (2012), Passive microwave remote sensing of the historic February 2010 snowstorms in the Middle Atlantic region of the USA. *Hydrol. Process.* doi: 10.1002/hyp.8418

Dominguez, F., E. Rivera, D. P. Lettenmaier, and C. L. Castro 2012: Changes in winter precipitation extremes for the western United States under a warmer climate as simulated by regional climate models, *Geophys Res Lett*, 39, L05803

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Wu, M-L C., O. Reale, S. D. Schubert, M. J. Suarez, C. D. Thorncroft 2012: African Easterly Jet: Barotropic Instability, Waves and Cyclogenesis. *Journal of Climate*

Zib, B. J., X. Dong, B. Xi, and A. Kennedy, 2012: Evaluation and Intercomparison of Cloud Fraction and Radiative Fluxes in Recent Reanalyses over the Arctic using BSRN Surface Observations. *J. Climate*, Vol. 25, Iss. 7, pp. 2291–2305.

Mahanama, S. P., B. Livneh, R. D. Koster, D. P. Lettenmaier, and R. H. Reichle, 2012: Soil Moisture, Snow, and Seasonal Streamflow Forecasts in the United States, *J. Hydrometeorol.*, 13, 189-203.

Yearsley, J., 2012: A grid based approach for simulating streamflow temperature, *Water Resour. Res.*, 48, W03506, doi:10.1029/2011WR011515

Xia, Y., K. Mitchell, M. Ek, J. Sheffield, B. Cosgrove, E. F. Wood, L. Luo, C. Alonge, H. Wei, J. Meng, B. Livneh, D. Lettenmaier, V. Koren, Q. Duan, K. Mo, Y. Fan, D. Mocko, 2012: Continental-Scale Water and Energy Flux Analysis and Validation for the North American Land Data Assimilation System Project Phase 2 (NLDAS-2): 1. Intercomparison and Application of Model Products, *J. Geophys. Res.*, **117**, D03109, doi:10.1029/2011JD016048.

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