

# Weather and Forecasting

## Contents

Vol. 26, No. 2, April 2011

### ARTICLES

- Spatial Distribution and Evolution of Extratropical Cyclone Errors over North America and its Adjacent Oceans in the NCEP Global Forecast System Model ..... BRIAN A. COLLE AND MICHAEL E. CHARLES 129-149
- Forecasting Tropical Cyclone Formation in the Fiji Region: A Probit Regression Approach Using Bayesian Fitting ..... SAVIN S. CHAND AND KEVIN J. E. WALSH 150-165
- The Integrated Nowcasting through Comprehensive Analysis (INCA) System and Its Validation over the Eastern Alpine Region ..... T. HAIDEN, A. KANN, C. WITTMANN, G. PISTOTNIK, B. BICA, AND C. GRUBER 166-183
- A Weather-Pattern-Based Approach to Evaluate the Antarctic Mesoscale Prediction System (AMPS) Forecasts: Comparison to Automatic Weather Station Observations ..... MELISSA A. NIGRO, JOHN J. CASSANO, AND MARK W. SEEFELDT 184-198
- Radar Nowcasting of Cloud-to-Ground Lightning over Houston, Texas ..... RICHARD M. MOSIER, COURTNEY SCHUMACHER, RICHARD E. ORVILLE, AND LAWRENCE D. CAREY 199-212
- Ensemble Tropical Rainfall Potential (eTRaP) Forecasts ..... ELIZABETH E. EBERT, MICHAEL TURK, SHELDON J. KUSSELSON, JIANBIN YANG, MATTHEW SEYBOLD, PETER R. KEEHN, AND ROBERT J. KULIGOWSKI 213-224
- Case Studies of Easterly Wave Disturbances over Northeast Brazil Using the Eta Model ..... ROGER RODRIGUES TORRES AND NELSON JESUS FERREIRA 225-235
- Modeling PM10 Originating from Dust Intrusions in the Southern Iberian Peninsula Using HYSPLIT ..... A. F. STEIN, Y. WANG, J. D. DE LA ROSA, A. M. SANCHEZ DE LA CAMPA, NURIA CASTELL, AND R. R. DRAXLER 236-242
- A Proposed Model-Based Methodology for Feature-Specific Prediction for High-Impact Weather ..... JACOB R. CARLEY, BENJAMIN R. J. SCHWEDLER, MICHAEL E. BALDWIN, ROBERT J. TRAPP, JOHN KWIATKOWSKI, JEFFREY LOGSDON, AND STEVEN J. WEISS 243-249
- CORRIGENDUM ..... HALDUN KARAN, PATRICK J. FITZPATRICK, CHRISTOPHER M. HILL, YONGZUO LI, QINGNONG XIAO, AND EUNHA LIM 250-254

PAPERS IN PRESS CAN BE VIEWED AS EARLY ONLINE RELEASES AT  
<http://ams.allenpress.com/EOR>

0882-8156(201104)26:2;1-8

