

Weather and Forecasting

Contents

Vol. 26, No. 5, October 2011

ARTICLES

- The Real-Time Mesoscale Analysis at NOAA's National Centers for Environmental Prediction: Current Status and Development MANUEL S. F. V. DE PONDECA, GEOFFREY S. MANIKIN, GEOFF DIMEGO, STANLEY G. BENJAMIN, DAVID F. PARRISH, R. JAMES PURSER, WAN-SHU WU, JOHN D. HOREL, DAVID T. MYRICK, YING LIN, ROBERT M. AUNE, DENNIS KEYSER, BRAD COLMAN, GREG MANN, AND JAMIE VAVRA 593-612
- The Impacts of Taiwan Topography on the Predictability of Typhoon Morakot's Record-Breaking Rainfall: A High-Resolution Ensemble Simulation XINGQIN FANG, YING-HWA KUO, AND ANYU WANG 613-633
- Real-Time Adaptive Observation Guidance Using Singular Vectors for Typhoon Jangmi (200815) in T-PARC 2008 HYUN MEE KIM, SUNG-MIN KIM, AND BYOUNG-JOO JUNG 634-649
- Performance of a Dynamic Initialization Scheme in the Coupled Ocean-Atmosphere Mesoscale Prediction System for Tropical Cyclones (COAMPS-TC) ERIC A. HENDRICKS, MELINDA S. PENG, XUYANG GE, AND TIM LI 650-663
- Verification of Ensemble-Based Uncertainty Circles around Tropical Cyclone Track Forecasts THIERRY DUPONT, MATTHIEU PLU, PHILIPPE CAROFF, AND GHISLAIN FAURE 664-676
- New Probabilistic Forecast Models for the Prediction of Tropical Cyclone Rapid Intensification CHRISTOPHER M. ROZOFF AND JAMES P. KOSSIN 677-689
- Estimating Tropical Cyclone Intensity from Infrared Image Data MIGUEL F. PIÑEROS, ELIZABETH A. RITCHIE, AND J. SCOTT TYO 690-698
- Extremal Dependence Indices: Improved Verification Measures for Deterministic Forecasts of Rare Binary Events CHRISTOPHER A. T. FERRO AND DAVID B. STEPHENSON 699-713
- Probabilistic Forecast Guidance for Severe Thunderstorms Based on the Identification of Extreme Phenomena in Convection-Allowing Model Forecasts RYAN A. SOBASH, JOHN S. KAIN, DAVID R. BRIGHT, ANDREW R. DEAN, MICHAEL C. CONIGLIO, AND STEVEN J. WEISS 714-728
- Conditional Probability Estimation for Significant Tornadoes Based on Rapid Update Cycle (RUC) Profiles WILLIAM E. TOGSTAD, JONATHAN M. DAVIES, SARAH J. CORFIDI, DAVID R. BRIGHT, AND ANDREW R. DEAN 729-743
- Lightning and Severe Weather: A Comparison between Total and Cloud-to-Ground Lightning Trends CHRISTOPHER J. SCHULTZ, WALTER A. PETERSEN, AND LAWRENCE D. CAREY 744-755
- The NSSL Hydrometeor Classification Algorithm in Winter Surface Precipitation: Evaluation and Future Development KIMBERLY L. ELMORE 756-765
- A Review of Three Significant Wake Lows over Alabama and Georgia TIMOTHY A. COLEMAN AND KEVIN R. KNUPP 766-773

CORRESPONDENCE

- Comments on "Estimating Maximum Surface Winds from Hurricane Reconnaissance Measurements" JAMES L. FRANKLIN 774-776
- Reply MARK D. POWELL, ERIC W. UHLHORN, AND JEFFREY D. KEPERT 777-779

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

