



# Journal of Climate

## Contents

Vol. 24, No. 10, 15 May 2011

### ARTICLES

The Madden-Julian Oscillation and the Relative Value of Deterministic Forecasts of Extreme Precipitation in the Contiguous United States .....	CHARLES JONES, LEILA M. V. CARVALHO, JON GOTTSCHALCK, AND WAYNE HIGGINS	2421–2428
Continuous, Array-Based Estimates of Atlantic Ocean Heat Transport at 26.5°N .....	W. E. JOHNS, M. O. BARINGER, L. M. BEAL, S. A. CUNNINGHAM, T. KANZOW, H. L. BRYDEN, J. J. M. HIRSCHI, J. MAROTZKE, C. S. MEINEN, B. SHAW, AND R. CURRY	2429–2449
The Impact of Finer-Resolution Air-Sea Coupling on the Intraseasonal Oscillation of the Indian Monsoon .....	NICHOLAS P. KLINGAMAN, STEVEN J. WOOLNOUGH, HILARY WELLER, AND JULIA M. SLINGO	2451–2468
Physical Mechanisms for the Maintenance of GCM-Simulated Madden-Julian Oscillation over the Indian Ocean and Pacific .....	LIPING DENG AND XIAOQING WU	2469–2482
Climate Variability and the Shape of Daily Precipitation: A Case Study of ENSO and the American West .....	NICOLE FELDL AND GERARD H. ROE	2483–2499
On the Persistence of Cold-Season SST Anomalies Associated with the Annular Modes .....	LAURA M. CIASTO, MICHAEL A. ALEXANDER, CLARA DESER, AND MATTHEW H. ENGLAND	2500–2515
Testing for Deterministic Trends in Global Sea Surface Temperature .....	SUSANA M. BARBOSA	2516–2522
Estimating the Observed Atmospheric Response to SST Anomalies: Maximum Covariance Analysis, Generalized Equilibrium Feedback Assessment, and Maximum Response Estimation .....	CLAUDE FRANKIGNOUL, NADINE CHOUAIB, AND ZHENGYU LIU	2523–2539
Sulfate Aerosol Control of Tropical Atlantic Climate over the Twentieth Century .....	C.-Y. CHANG, J. C. H. CHIANG, M. F. WEHNER, A. R. FRIEDMAN, AND R. RUEODY	2540–2555
Are Anthropogenic Aerosols Responsible for the Northwest Australia Summer Rainfall Increase? A CMIP3 Perspective and Implications .....	WENJU CAI, TIM COWAN, ARNOLD SULLIVAN, JOACHIM RIBBE, AND GE SHI	2556–2564
Canadian RCM Projected Changes to Extreme Precipitation Characteristics over Canada .....	B. MIADJIC, L. SUSHAMA, M. N. KHALIQ, R. LAPRISE, D. CAYA, AND R. ROY	2565–2584
A Far-Reaching Footprint of the Tropical Pacific Meridional Mode on the Summer Rainfall over the Yellow River Loop Valley .....	CHUN LI, LIXIN WU, AND PING CHANG	2585–2598
A Diagnostic Comparison of Alaskan and Siberian Strong Anticyclones .....	JUSTIN E. JONES AND JUDAH COHEN	2599–2611
Evaluation of an Air Pressure-Based Proxy for Storm Activity .....	OLIVER KRUEGER AND HANS VON STORCH	2612–2619
Erroneous Arctic Temperature Trends in the ERA-40 Reanalysis: A Closer Look .....	JAMES A. SCREEN AND IAN SIMMONDS	2620–2627

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