

Journal of Climate

Contents

Vol. 24, No. 14, 15 July 2011

ARTICLES

- On the Linkage between Antarctic Surface Water Stratification and Global Deep-Water Temperature
..... RALPH F. KEELING AND MARTIN VISBECK 3545–3557
- Model Estimates of the Land and Ocean Contributions to Biospheric Carbon and Water Fluxes Using
MODIS Satellite Data..... PAUL B. ALTON AND PER E. BODIN 3558–3574
- Spatial Patterns of Modeled Climate Feedback and Contributions to Temperature Response and
Polar Amplification..... JULIA A. CROOK, PIERS M. FORSTER, AND NICOLA STUBER 3575–3592
- Forcing of the Indian Ocean Dipole on the Interannual Variations of the Tropical Pacific Ocean: Roles
of the Indonesian Throughflow DONGLIANG YUAN, JING WANG, TENGFEI XU,
..... PENG XU, ZHOU HUI, XIA ZHAO, YIHUA LUAN, WEIPENG ZHENG, AND YONGQIANG YU 3593–3608
- An Assessment of GCM Skill in Simulating Persistence across Multiple Time Scales
..... FIONA JOHNSON, SETH WESTRA, ASHISH SHARMA, AND ANDREW J. PITMAN 3609–3623
- MERRA: NASA's Modern-Era Retrospective Analysis for Research and Applications
..... MICHELE M. RIENECKER, MAX J. SUAREZ, RONALD GELARO, RICARDO TODLING,
..... JULIO BACMEISTER, EMILY LIU, MICHAEL G. BOSILOVICH, SIEGFRIED D. SCHUBERT,
..... LAWRENCE TAKACS, GI-KONG KIM, STEPHEN BLOOM, JUNYE CHEN, DOUGLAS COLLINS,
..... AUSTIN CONATY, ARLINDO DA SILVA, WEI GU, JOANNA JOINER, RANDAL D. KOSTER,
..... ROBERT LUCCHESI, ANDREA MOLOD, TOMMY OWENS, STEVEN PAWSON, PHILIP PEGION,
..... CHRISTOPHER R. REDDER, ROLF REICHEL, FRANKLIN R. ROBERTSON,
..... ALBERT G. RUDDICK, META SIENKIEWICZ, AND JACK WOOLLEN 3624–3648
- Temperature Variability over Africa JENNIFER M. COLLINS 3649–3666
- A Synoptic Weather-Typing Approach to Project Future Daily Rainfall and Extremes at Local Scale
in Ontario, Canada..... CHAD SHOUQUAN CHENG, GUILONG LI, QIAN LI, AND HEATHER AULD 3667–3685
- Stationary Atmospheric Responses to an Idealized Sea Surface Temperature Anomaly in the
Southern Ocean..... GUILLAUME MAZE, FABIO D'ANDREA,
..... ALAIN COLIN DE VERDIÈRE, AND PATRICE KLEIN 3686–3704
- Physical Mechanisms Regulating Summertime Rainfall over Northwestern Australia
..... GARETH BERRY, MICHAEL J. REEDER, AND CHRISTIAN JAKOB 3705–3717
- Projected Changes in Mean and Extreme Precipitation in Africa under Global Warming. Part II:
East Africa..... MXOLISI E. SHONGWE, GEERT JAN VAN OLDENBORGH,
..... BART VAN DEN HURK, AND MAARTEN VAN AALST 3718–3733
- The Contribution of Indian Ocean Sea Surface Temperature Anomalies on Australian Summer
Rainfall during El Niño Events ANDRÉA S. TASCHETTO, ALEX SEN GUPTA,
..... HARRY H. HENDON, CAROLINE C. UMMENHOFER, AND MATTHEW H. ENGLAND 3734–3747
- Typhoon Track Changes Associated with Global Warming RUIFANG WANG, LIGUANG WU,
..... AND CHAO WANG 3748–3752
- Regional Contrast of Mesoscale Convective System Structure prior to and during Monsoon Onset
across South America THOMAS M. RICKENBACH, ROSANA NIETO-FERREIRA,
..... RICHARD P. BARNHILL, AND STEPHEN W. NESBITT 3753–3763
- Can the Increase in the Eddy Length Scale under Global Warming Cause the Poleward Shift of the
Jet Streams?..... JOSEPH KIDSTON, G. K. VALLIS, S. M. DEAN, AND J. A. RENWICK 3764–3780
- Characteristics and Changes of Extreme Precipitation in the Yellow-Huaihe and Yangtze-Huaihe
Rivers Basins, China QUAN DONG, XING CHEN, AND TIEXI CHEN 3781–3795
- CORRIGENDUM CAROLINE C. UMMENHOFER, ALEXANDER SEN GUPTA,
..... PETER R. BRIGGS, MATTHEW H. ENGLAND, PETER C. MCINTOSH, GARY A. MEYERS,
..... MICHAEL J. POOK, MICHAEL R. RAUPACH, AND JAMES S. RISBEY 3796–3796

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

