

1558-8424(201104)50:4;1-4

Journal of Applied Meteorology and Climatology

Contents

Vol. 50, No. 4, April 2011

ARTICLES

Prediction of Seasonal Forest Fire Severity in Canada from Large-Scale Climate Patterns.....	AMIR SHABBAR, WALTER SKINNER, AND MIKE D. FLANNIGAN	785-799
Regional and Large-Scale Influences on Summer Ozone Levels in Southern California.....	LAURIE AGEL, VIANNEY LOPEZ, MATHEW BARLOW, AND FRANK COLBY	800-805
Impacts of Urban Processes and Urbanization on Summer Precipitation: A Case Study of Heavy Rainfall in Beijing on 1 August 2006.....	SHIGUANG MIAO, FEI CHEN, QINGCHUN LI, AND SHUIYONG FAN	806-825
► Wind Profiler Observations of Mountain Waves and Rotors during T-REX	STEPHEN A. COHN, VANDA GRUBIŠIĆ, AND WILLIAM O. J. BROWN	826-843
S-Band Dual-Polarization Radar Observations of Winter Storms	PATRICK C. KENNEDY AND STEVEN A. RUTLEDGE	844-858
Prospects of the WSR-88D Radar for Cloud Studies	VALERY M. MELNIKOV, DUSAN S. ZRNIĆ, RICHARD J. DOVIAK, PHILLIP B. CHILSON, DAVID B. MECHEM, AND YEFIM L. KOGAN	859-872
Polarimetric Radar Observation Operator for a Cloud Model with Spectral Microphysics.....	A. RYZHKOV, M. PINSKY, A. POKROVSKY, AND A. KHAIN	873-894
Obtaining Best Estimates for the Microphysical and Radiative Properties of Tropical Ice Clouds from TWP-ICE In Situ Microphysical Observations	A. PROTAT, G. M. MCFARQUHAR, J. UM, AND J. DELANOË	895-915
Quantifying Differences between 2-m Temperature Observations and Reanalysis Pressure-Level Temperatures in Northwestern North America	CHRISTIAN REUTEN, R. DAN MOORE, AND GARRY K. C. CLARKE	916-929

► **Special Collection: Terrain-Induced Rotor Experiment (T-REX)**

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