

Series of JGR-Atmospheres Papers from RADAGAST

PAPER 1

Slingo, A., N.A. Bharmal, G.J. Robinson, J.J. Settle, R.P. Allan, H.E. White, P.J. Lamb, M.A. Lele, D.D. Turner, S. McFarlane, E. Kassianov, J. Barnard, C. Flynn, and M. Miller, 2008: Overview of observations from the RADAGAST experiment in Niamey, Niger. Part 1: Meteorology and thermodynamic variables. *Journal of Research-Atmospheres*, 113, doi: 10.1029/2008JD009909, 18 pages.

PAPER 2

Slingo, A., H.E. White, N.A. Bharmal, and G.J. Robinson, 2009: Overview of observations from the RADAGAST experiment in Niamey, Niger. Part 2: Radiative fluxes and divergences. *Journal of Geophysical Research-Atmospheres*, 114, doi: 10.1029/2008JD010497, 19 pages.

PAPER 3

Bharmal, N.A., A. Slingo, G.J. Robinson, and J.J. Settle, 2009: Simulation of surface and top of atmosphere thermal fluxes and radiances from the RADAGAST experiment. *Journal of Geophysical Research-Atmospheres*, 114, doi:10.1029/2008JD010504, in press.

PAPER 4

Settle J.J., N.A. Bharmal, G.J. Robinson, and A. Slingo, 2008: Sampling uncertainties in surface radiation budget calculations in RADAGAST. *Journal of Geophysical Research-Atmospheres*, 113, doi: 10.1029/2008JD010509, 23 pages.

PAPER 5

Turner, D.D., 2008: Ground-based retrievals of optical depth, effective radius, and composition of airborne mineral dust above the Sahel. *Journal of Geophysical Research-Atmospheres*, 113, doi: 10.1029/2008JD010054, 14 pages.

PAPER 6

McFarlane, S.A., E.I. Kassianov, J. Barnard, C. Flynn, and T. Ackerman, 2009: Surface shortwave aerosol forcing during the ARM Mobile Facility deployment in Niamey, Niger. *Journal of Geophysical Research-Atmospheres*, 114, doi: 10.1029/2008JD010491, 17 pages.

PAPER 7

P. Kollias, M.A. Miller, K.L. Johnson, M.P. Jensen, and D.T. Troyan, 2009: Cloud, thermodynamic, and precipitation observations in West Africa during 2006. *Journal of Geophysical Research- Atmospheres*, 114, doi: 10.1029/2008JD010641, in press.

PAPER 8

Miller, R.L., A. Slingo, J.C. Barnard, and E. Kassianov, 2009: Seasonal contrast in the surface energy balance of the Sahel. *Journal of Geophysical Research-Atmospheres*, 114, doi: 10.1029/2008JD100521, 19 pages.