RMSD between modeled and observed length change anomalies 20.0 18.0 Creep parameter scaling factor 500 16.0 14.0 12.0 450 10.0 8.0 400 6.0 4.0 2.0 350 0.9 0.7 300 0.5 0.3 250 0.1 1.60 1.65

Precipitation scaling factor