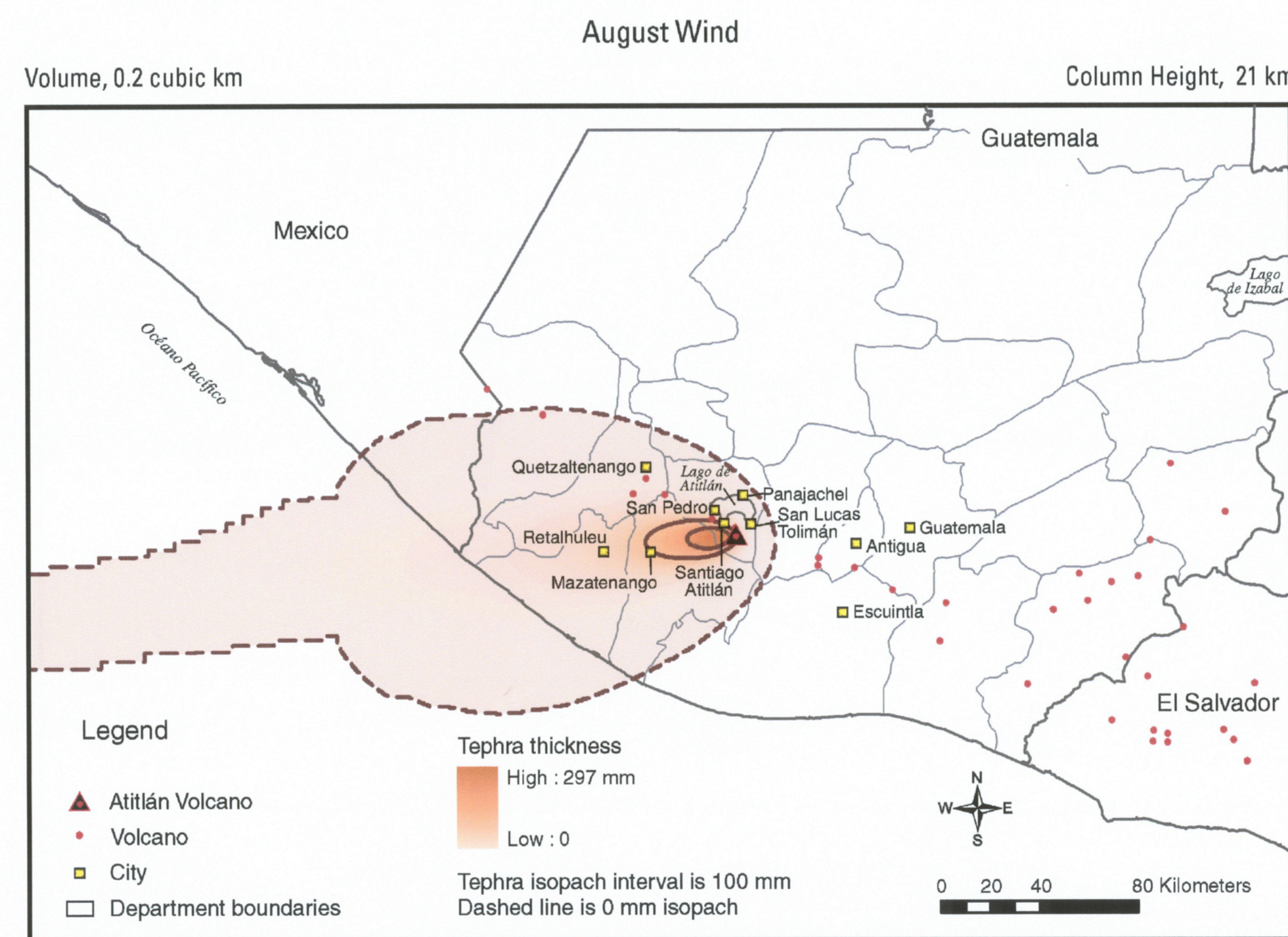
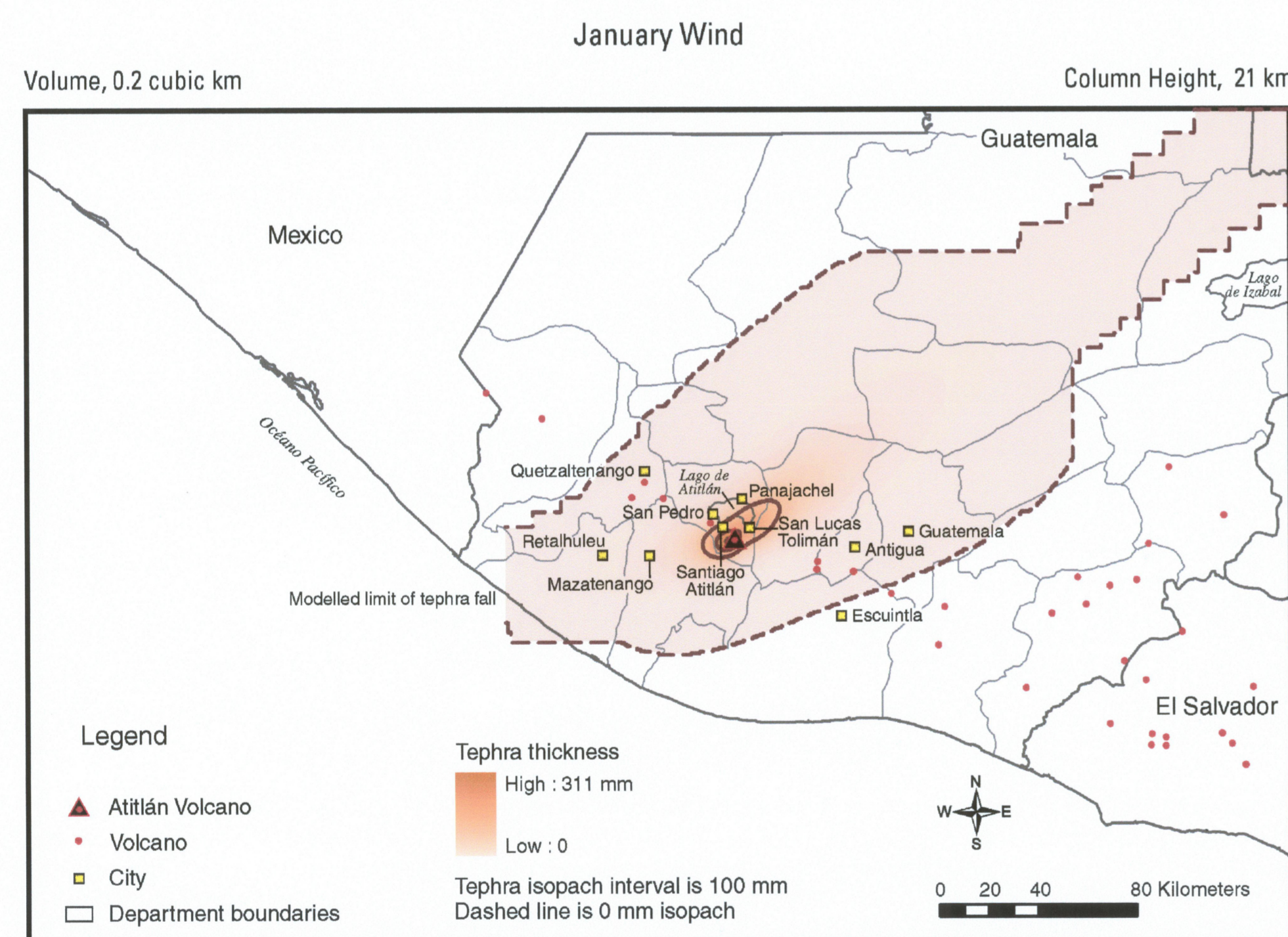
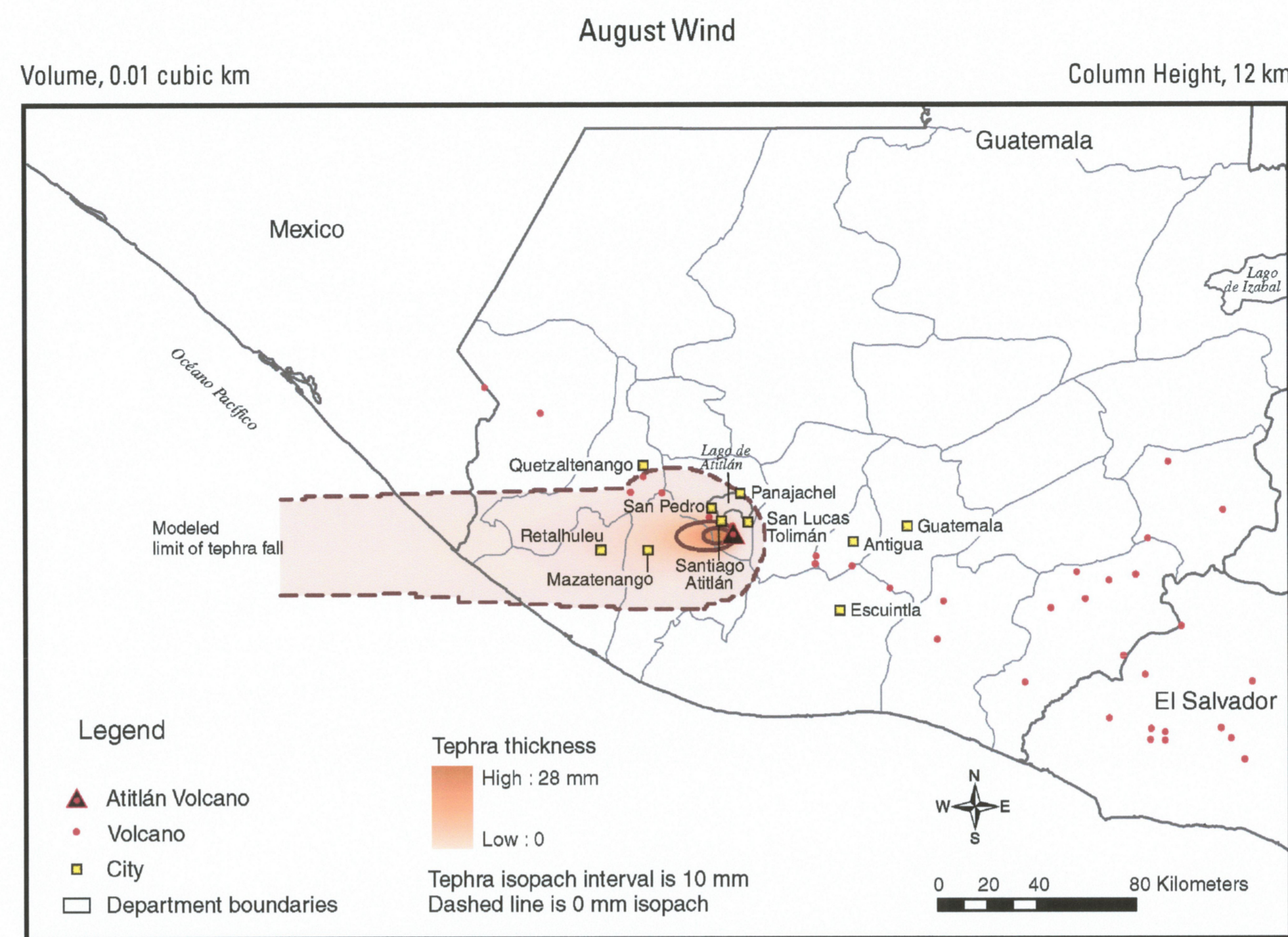
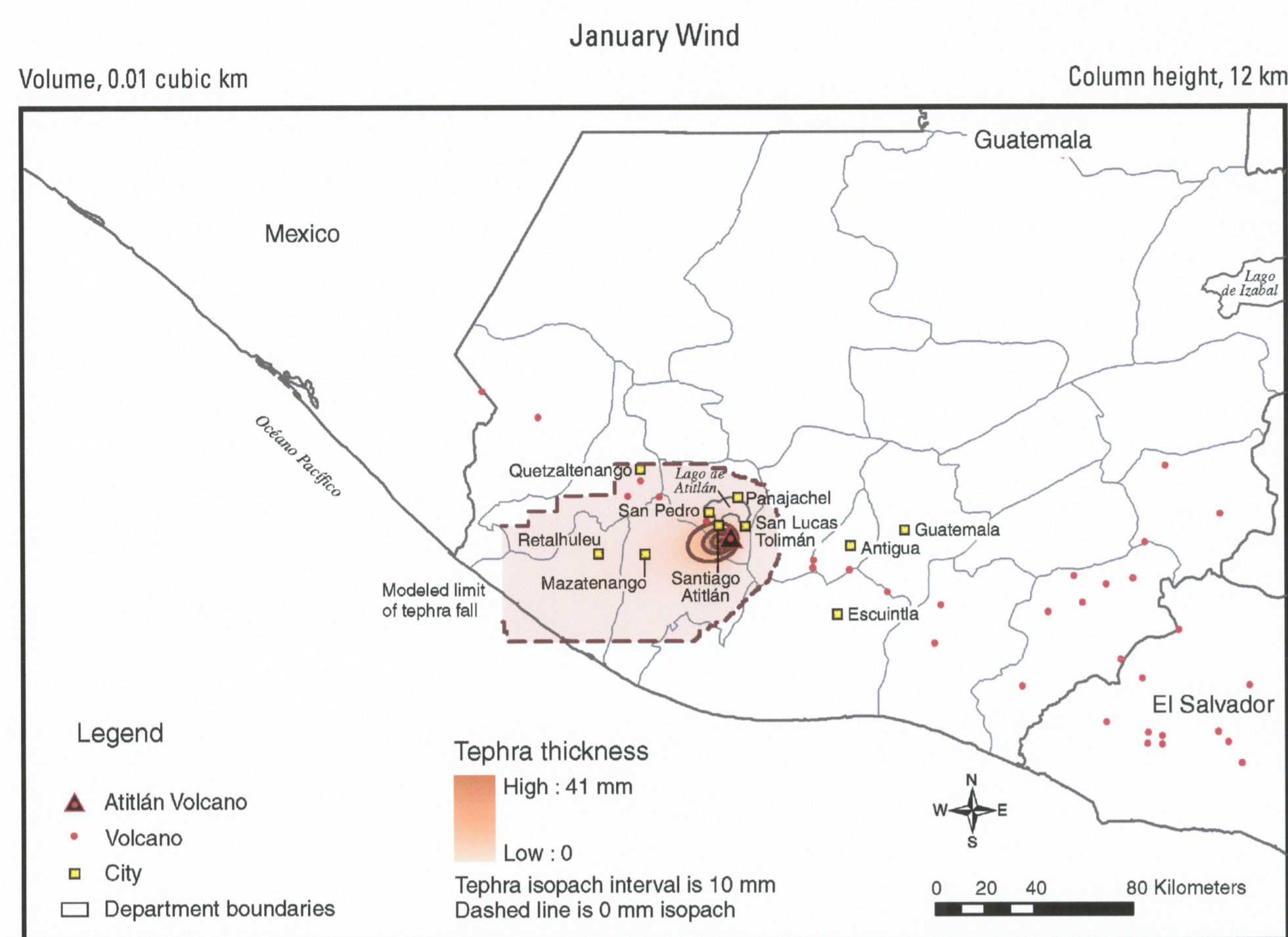


### Hypothetical Tephra-Fall Deposits



ASHFALL modeling program by A.W. Hurst, NZ-IGNS, wind data from NOAA

Distribution of tephra from hypothetical eruptions of varying volume, column height, and time of year (January, dry season; August, wet season). Areas within isopachs (lines of equal thickness) of 10 cm (100 mm) or more are potentially at risk of roof collapse during tephra falls. Maximum model tephra-fall thickness is the high value given in mm on the isopach contour bar in the map legend. Dashed line is 0 thickness. See text for discussion of tephra-fall hazards and distribution.

### Hypothetical Tephra Falls for Atitlán Volcano, Guatemala

by

J.M. Haapala, R. Escobar Wolf, J.W. Vallance, W.I. Rose, J.P. Griswold, S.P. Schilling, J.W. Ewert and M. Mota  
2005