



Figure 1: Description of the studied region. Panels a) and c) display the 4 nested domains used for the WRF simulation. Panel c) also includes the location of the Chacaltaya station (CHC, 5.2 km asl), La Paz City (LPB, 3.6 km asl) and Lake Titicaca (TCC, 3.9 km asl). Panels b) and d) show the elevation profile—in kilometers above sea level (km asl)—of the domain.