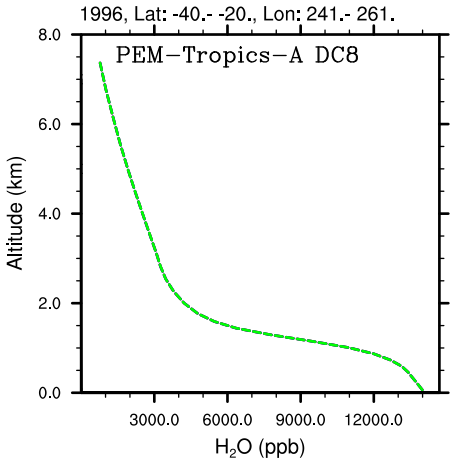Southern Hemisphere SON H_2O