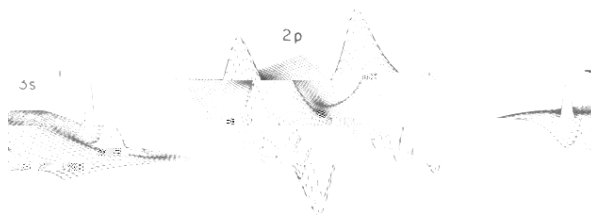
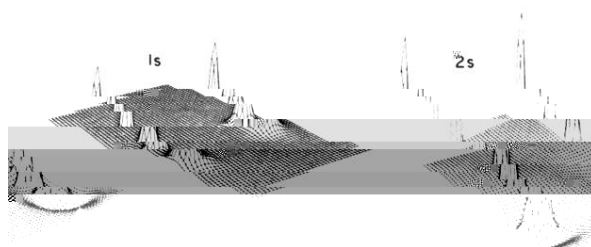


Figure 1. Topographic profiles and maps showing the location of the study area in the western and eastern United States. The shaded areas on the maps indicate the regions shown in the topographic profiles above. The scale bar indicates distances in kilometers.





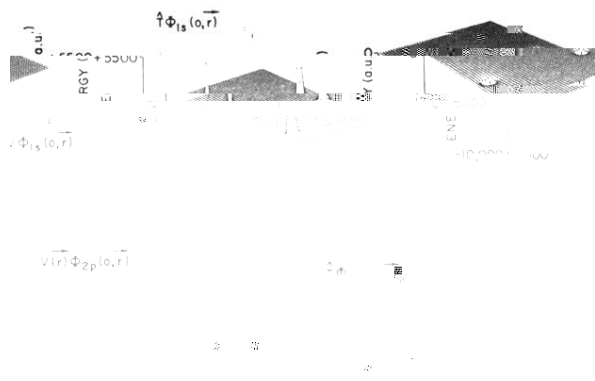


Figure 1. The wave functions and atomic orbitals are shown. The vertical dashed lines at the atomic site.