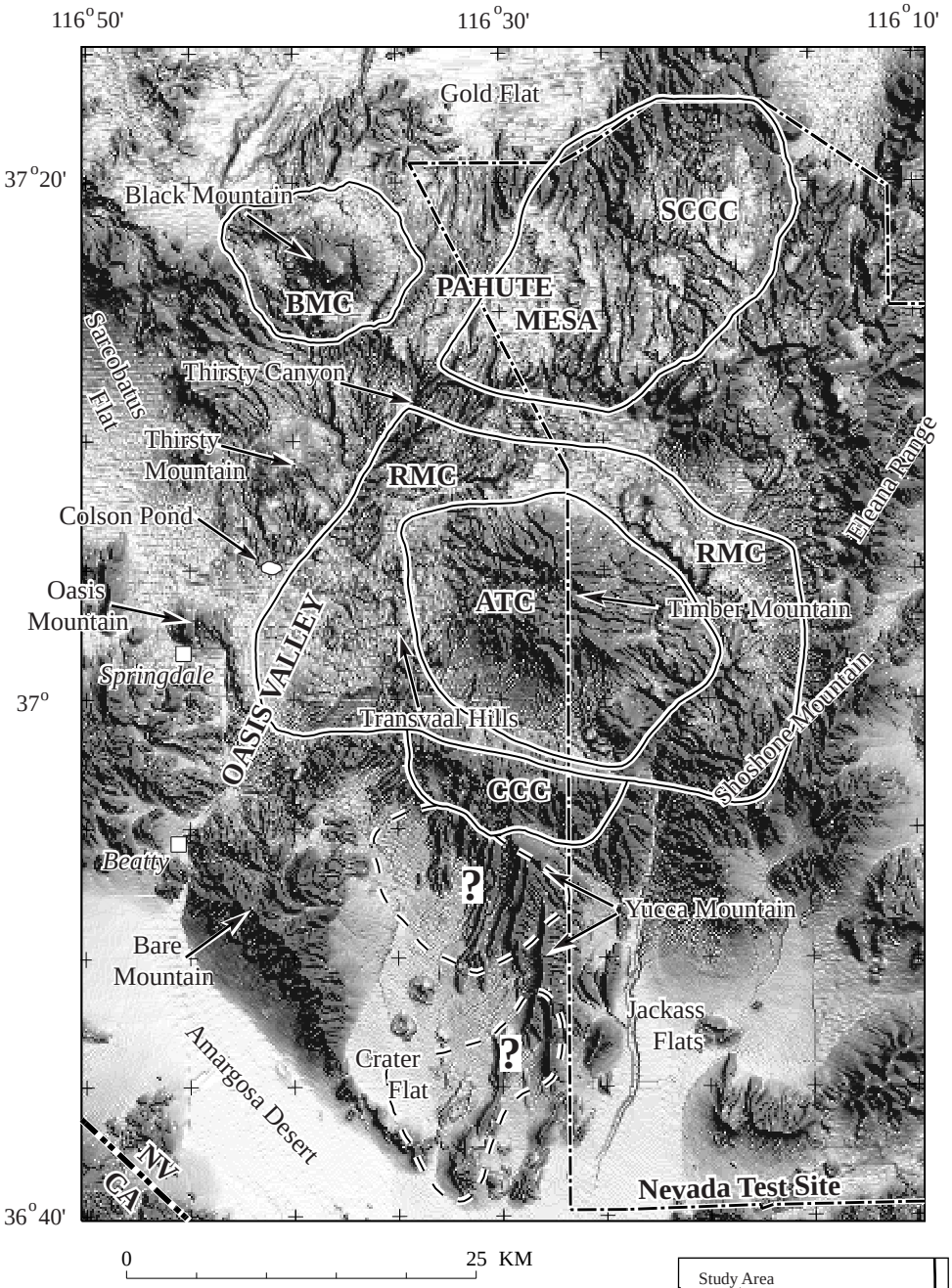

Figure 1. Shaded-relief map of the study area emcompassing the Pahute Mesa and Oasis Valley region. Location of study area shown in inset. Black/white lines represent caldera structural boundaries as determined by geophysics with additional input from geology. Dotted black/white lines denote basins whose genesis is unknown. Letters denote: ATC, Ammonia Tanks caldera; BMC, Black Mountain caldera; CCC, Claim Canyon caldera; RMC, Rainier Mesa caldera; SCCC, Silent Canyon caldera complex. The Ammonia Tanks and Rainier Mesa calderas comprise the Timber Mountain caldera complex. Illumination is from the west. .