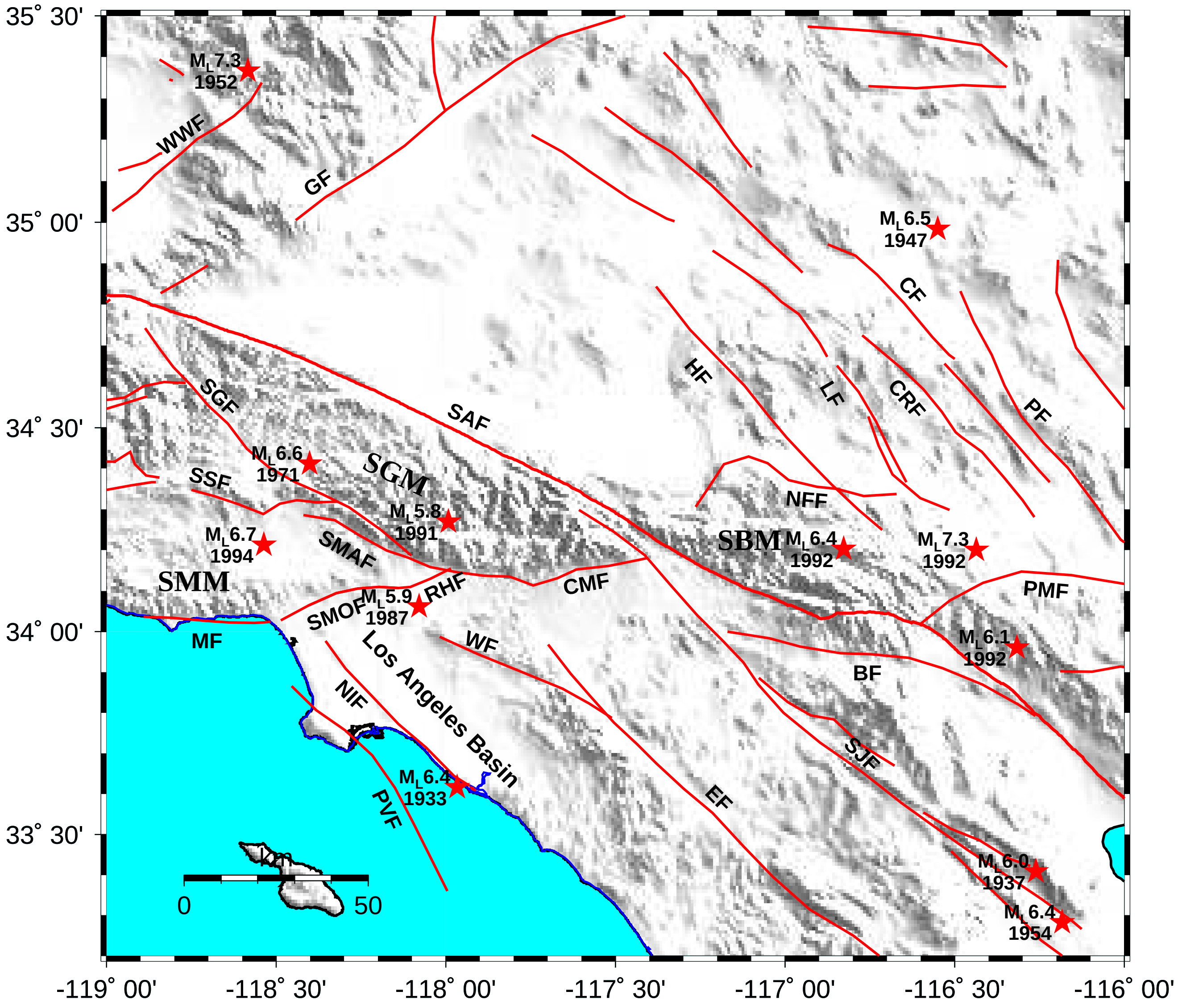

Figure 1. Topo map of the Los Angeles basin and its vicinities. Stars are the earthquake epicenters of $M_L \geq 5.8$ that have occurred since 1933. The faults are abbreviated as follows: BF, Banning fault; CF, Calico fault; CMF, Cucamonga fault; CRF, Camp Rock fault; EF, Elsinore fault; GF, Garlock fault; HF, Helendale fault; LF, Lenwood fault; NFF, North Frontal fault; NIF, Newport-Inglewood fault; PF, Pisgah fault; PMF, Pinto Mountain fault; RHF, Raymond Hill fault; SAF, San Andreas fault; SGF, San Gabriel fault; SJF, San Jacinto fault; SMF, Santa Monica fault; SRMF, Sierra Madre fault; SSF, Santa Susana fault; WF, Whittier fault; and WWF, White Wolf fault. The mountains are abbreviated as follows: SBM: San Bernardino Mtns; SGM: San Gabriel Mtns; and SMM, Santa Monica Mtns.