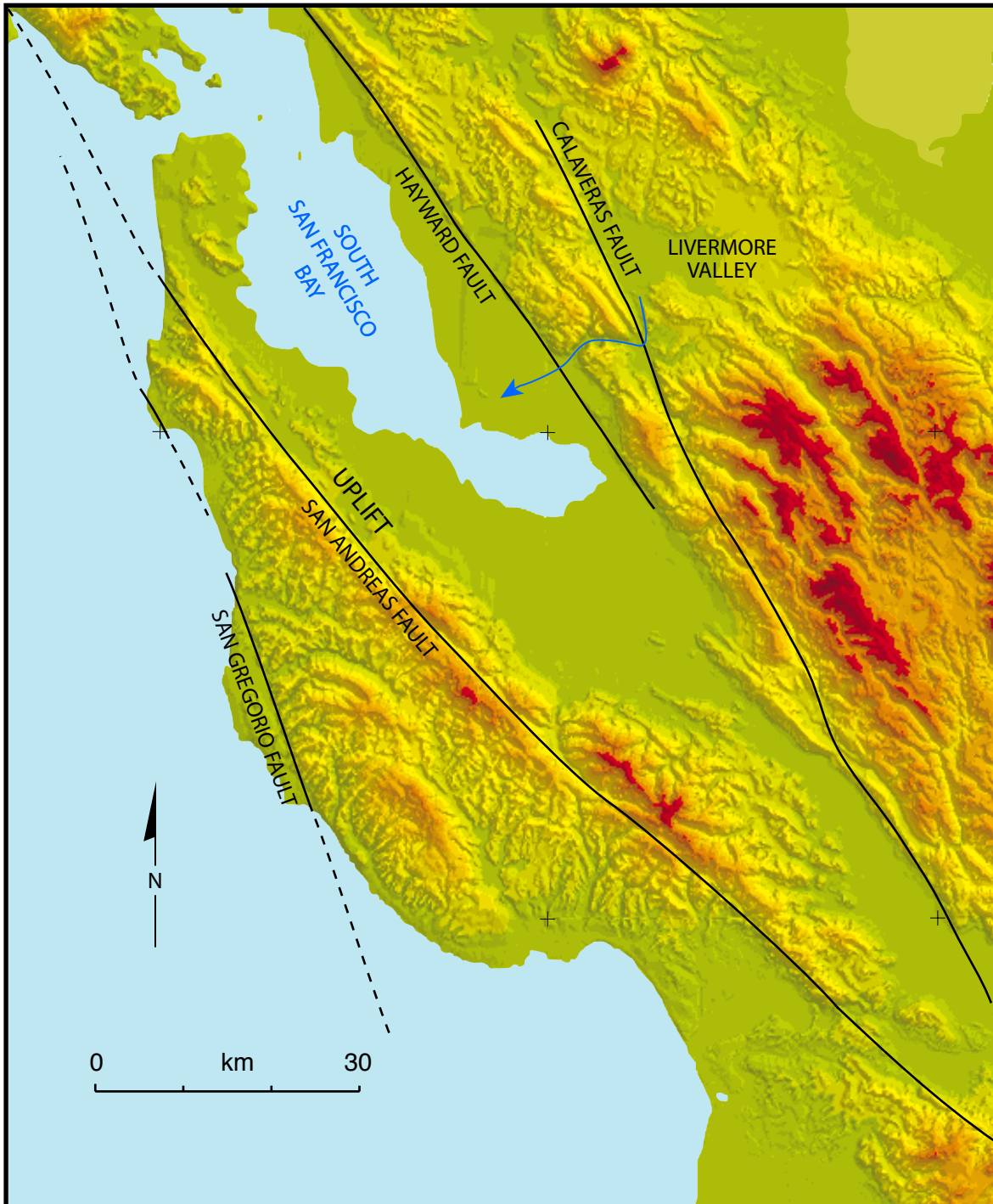


THE SOUTH BAY STRUCTURAL BLOCK



The ocean partially floods the broad subsiding basin between the San Andreas and Hayward faults, forming the south bay. Fault lines and the structural blocks they delineate are clearly evident in the topography of the region. The uplifted southwestern margin of the bay basin structural block pushes the bay away from the San Andreas fault, and the large alluvial fan composed of sediment derived from Livermore Valley pushes the bay away from the Hayward fault. If these two conditions didn't exist, the south bay would be much larger, lapping up against the San Andreas fault on the southwest, and up against the Hayward fault on the northeast.