



Sheet 20. Interpretive paleotectonic map of SW United States for the latter part of Neogene time (8-17 Ma). Regions with large volumes of basaltic volcanic rocks including high-silica rhyolite (bimodal suite) are shaded orange. Basin and Range faulting started in the Great Basin of Nevada and western Utah at about 17 Ma. Less uniformly spaced and oriented fault bounded basins formed in southern Arizona. The Rio Grande Rift zone developed in New Mexico and Colorado.