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**Age and Location of
Volcanic Centers $\leq$ 3.0 Myr Old
in Arizona, New Mexico and the
Trans-Pecos Area of West Texas**

(Modified from R. G. Luedke and R. L. Smith, 1978)

M. J. Aldrich

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Volcanic Rocks ≤ 3.0 M. Y. Old

Volcanic Center ≤ 3.0 M. Y. Old

This map is one of a series of maps designed for hot dry rock geothermal assessment in Arizona, New Mexico, and the Trans-Pecos area of west Texas. The 3.0 m. by 3.0 m. cutoff size was selected because original heat has probably largely dissipated into other rocks.

The location of volcanic centers is more important to geothermal resource assessment than the location of their associated volcanic rocks; however, ages have been determined for numerous flows from their source. Therefore, the distribution of volcanic rocks is shown on this map. The age of each volcano is given in years before present (BP) and the age of the volcanic rocks were taken from Luedke and Smith (1978).

Ages were obtained from the original literature in all cases except for McKee and others (1974), Stillman and others (1976), and McKee and others (1976). Wolfe and Luedke (1978) have determined ages for some of the volcanic rocks they dated, so locations were taken from Luedke and Smith (1978). The dates of Stillman and others (1976) and McKee and others (1976) were taken from the original literature. The dates of Wolfe and Luedke (1978) were taken from their original literature. The dates of Luedke and Smith (1978) were taken from their original literature. The dates of Luedke and Smith (1978) were taken from their original literature.

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