Soil–Landform Relationships on the Colorado Plateau, Northeastern Arizona

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Soil scientists in the field have found certain predictable relationships between landforms and soils. This relationship is helpful in soil mapping. Such a relationship occurs on the Hopi Indian Reservation in northeastern Arizona (Fig. 1). The study area is located about 3 miles southeast of the town of Polacca, between Five Houses and the northwest escarpments of Antelope Mesa.

Climate

The soil survey area has a semiarid continental climate. Annual precipitation is about 6 in. in the southern part of the survey area and in-

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