

Ecological site group DX035X03AESG07

Acoma Valley - Sandstone or Sandy Loam

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Key Characteristics

- Acoma Valley, Tres Hermanos, and Sierra Lucero
- Soils not limy
- Soils not sandy
- Parent Material is Sandstone or soil is Sandy Loam

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Physiography

These sites occur on mesas and hills. The topography of these is level steeply sloping. Elevation range from about 6,000 to 7,500 feet above sea level.

Climate

Average annual precipitation varies from about 10 inches to just over 16 inches. Fluctuations ranging from about 5 inches to 25 inches are not uncommon. The overall climate is characterized by cold dry winters in which winter moisture is less than summer. As much as half or more of the annual precipitation can be expected to come during the period of July through September.

The average frost-free season is about 120 days and extends from approximately mid May to early or mid September. Average annual air temperatures are 50 degrees F or lower and summer maximums rarely exceed 100 degrees F. Winter minimums typically approach or go below zero. Monthly mean temperatures exceed 70 degrees F for the period of July and August.

Vegetation dynamics

Please see associated ecological sites under subclasses to view state and transition models.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I117–Sandy Loam Upland 10-14" p.z.
- DX035X03A121–Shallow Sandstone
- R035XG122NM–Sandstone Hills

Correlated Map Unit Components

22933801, 22934085, 22933957, 22977190, 22977191, 22977208, 22977284, 22977285, 22977276, 22977280, 22976557, 23195960, 23170291, 23170294, 23170292, 23170325, 23170334, 23170337, 23170336, 23170394, 23170393, 23170412, 23170430, 23170441, 23170444, 22976430, 22975998, 22976006, 22976022, 22976023, 22976115, 22976129, 22976161, 22976169, 22976216, 22976230, 22976267, 22976271, 22976277, 22976279,

22976326, 22976331, 22976388, 22976394, 22976395

Stage

Provisional

Contributors

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State and transition model

Citations