

Decision-tree for MLRA 39.2 New Mexico		Site Description	Site Name	Site Code
I. Elevations generally range from 4500 to 8000 ft.				
A. Slopes generally < 15%, no exposed rock, piedmont and basin floor landforms. No flooding.				
		1. Soils are deep to very deep, > 40 cm.		
		a. Soils vary from fine sandy loam to clay loam. Underlying layers have textures that range from loam to clay. Some gravel or cobble may appear on the surface or throughout the profile. Aspect is a savannah. <i>Pascopyrum smithii/Elymus elymoides/Elymus multisetus/Quercus/Artemisia carruthii/Mahonia trifoliolata/Rhus</i> spp. are key indicator species.	Loamy	R039XB056NM
B. Slopes generally >15%, but some slopes can be below 10%.				
		2. Soils are very shallow to shallow, < 20 cm. with some moderately deep to deep inclusions.		
		a. Soils are shallow to deep and derived in medium to fine textured material. Soil textures range from very cobbly loam to sony fine sandy loam. These soils are on mountain slopes and cuestas, and over granite and limestone. Aspect is coniferous woodland. <i>Juniperus monosperma/Pinus edulis/Bouteloua gracilis</i> are key indicator species.	<i>Juniperus monosperma - Pinus edulis/Bouteloua gracilis</i>	E039XB102NM
		b. Soils are very shallow to shallow, that are mainly loamy-skeletal and carbonatic, derived from limestone. Soil textures range from cobbly loam to channery fine sandy loam. Aspect pinyon/juniper grassland. <i>Juniperus monosperma/Pinus edulis/Cercocarpus montanus/Atriplex canescens/Bouteloua curtipendula/Hesperostipa neomexicana</i> are key indicator species.	Shallow Hills 13-16 inches: <i>Juniperus monosperma - Pinus edulis / Cercocarpus montanus - Atriplex canescens / Bouteloua curtipendula - Hesperostipa neomexicana</i>	E039XB104NM
II. Elevations generally range from 6500 to 12000 ft.				
A. Slopes generally < 15%, no exposed rock, piedmont and basin floor landforms. No flooding.				
		1. Soils are very shallow to very deep. 25 to 152 cm.		
		a. The soils of this site are quite variable, ranging from shallow to deep. Texture varies from loamy to clayey. The overriding characteristic of the soils on this site is the high water table. Aspect is a mid and short cool-season perennial grasses. <i>Deschampsia caespitosa/Festuca rubra/Bromus marginatus/Achnatherum/Agrostis gigantea/Elymus trachycaulus/Pascopyrum smithii/Carex</i> spp. are key indicator species.	Mountain Meadow	R039XB051NM
		2. Soils range from moderately deep to very deep. 50 to 152 cm.		
		1. Soils of this site are typically moderately deep and well drained over partially weathered igneous bedrock at about 30 to 50 inches, although pockets of deep soil also occur. Surface textures are typically loams. Aspect is a grassland. <i>Andropogon gerardii/Koeleria macrantha/Schizachyrium scoparium/Muhlenbergia montana/Blepharoneuron tricholepis/Bouteloua curtipendula/Pascopyrum smithii</i> are key indicator species.	Mountain Grassland	R039XB050NM
		3. Soils are deep to very deep. 100 to 152 cm.		
		a. The soils of this site are deep with surface textures ranging from loam to clay loam with cobbles and stones throughout the profile. Aspect is a cool season grassland with scattered shrubs and trees. <i>Bouteloua gracilis/Pascopyrum smithii/Festuca arizonica/Andropogon gerardii/Schizachyrium scoparium/Bromus marginatus/Muhlenbergia montana/Bouteloua curtipendula/Elymus elymoides/Achnatherum/Achnatherum lettermanii/Achnatherum robustum</i> are key indicator species.	Mountain Valley	R039XB052NM
		4. Soils are Shallow and very shallow, 9 to 18 inches deep to sandstone		
		Loamy to clayey soils, well drained, 16 to 20 inch precip. , frigid temp regime. Slopes 2 to 15% Aspect is a cool season season grassland with scattered trees, shrubs and cacti. <i>Pinus edulis - Juniperus scopulorum/Quercus gambelii</i>	Pinon pine - Rocky Mountain juniper / Gambel's oak, 16 to 23 inches ppt	F039XB101NM
B. Slopes generally > 15%, exposed rock or stones and cobbles throughout . No flooding.				
		Loamy to clayey skeletal soils, deep to moderately deep over limestone, Cobbly to stoney loams or clays, stones or cobbles throughout control section, slopes 1 to 60%, frigid temp regime, Aspect is a cool season grassland with scattered trees and shrubs. <i>Pseudotsuga menziesii-Pinus ponderosa/Symphoricarpos albus</i>	Douglas-fir - ponderosa pine / snowberry (common), 16 to 23 inches ppt	F039XB105NM

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		Loamy Skeletal soils slopes 0 to 75%, rock outcrops at surface, Cobbly, gravelly or channery loams. Aspect is a mixed warm and cool season grassland with scattered trees and shrubs. <i>Juniperus monosperma</i> - <i>Pinus edulis</i> / <i>Cercocarpus montanus</i> - <i>Atriplex canescens</i> / <i>Bouteloua curtipendula</i> - <i>Hesperostipa neomexicana</i>	Shallow Hills 13 to 16 inches ppt	E039XB107NM