WESTERN GREAT PLAINS CLIFF AND OUTCROP

Nature Serve ID: CES303.665

Geology: Various formations that tend to be less erodible, including limestone and sandstone.

Landform: Areas of high topographic relief, typically with slopes greater than 80%, including along river breaks and escarpments.

Soils: Very little soil development except on shelves and in cracks and crevices.

Description: This system often consists of sparsely vegetated bare rock on slopes greater than 80%. Rocky outcrops can be composed of sandstone, limestone, or other less erodible substrates. Vegetation is typically restricted to shelves, cracks, and crevices where soil can accumulate. Common species in this system include short shrubs such as *Rhus trilobata* and mixedgrass such as *Bouteloua curtipendula*. Wind erosion and drought are the processes that dominate this system.



ECOLOGICAL MAPPING SYSTEMS:

HIGH PLAINS: CLIFF

Mapping System ID: 3100

EMS Description: Sparsely vegetated occurrences of the system.

Distribution Map:

High Plains: Cliff												
		SHERMAN		HANSFORD	OCHILTREE	LIPSCOMB						
	HA	MOORE		HUTCHINSON	ROBERTS	HEMPHILL						
		OLDHAM			CARSON	GR AY	WHEELER					
	DEAF	DEAF SMITH		0	ARMSTRONG	DONLEY C	DILLINGSWORTH					
	PARMER	PARMER CASTRO		ISHER	BRISCOE	HALL	GHILDRESS					
	BAILEY	LAMB	HALE		FLOYD	MOTLEY 1:1,500,000	COTTLE					
	COCHRAN	HOCKLEY	LUEBOC									
	<u> </u>	TERRY	LYNN	V								
	GAINES		DAWSON									



Example:

Not available at this time.

Public Land Occurrence:

None.



HIGH PLAINS: WOODED CLIFF

Mapping System ID: 3104

EMS Description: Shrublands and woodlands, usually spare and low in stature that occupy these sites.

Distribution Map:

High Plains: Wooded Cliff										
		N		HUTCHINSON	ROBERTS					
OLDHAM			POTTER		CARSON	GRAY				
DEAF SMITH			RA	IDALL	ARMSTRONG	DONLEY				
PARMER CASTRO			SWISHER	BRISCOE	HALL					
BAILEY	EY LAMB			H	1:1,000,000					
COCHRAN HOCKLEY			un							
YOAKUM TERRY			LY	KAT.						



Example:

Not available at this time.

Public Land Occurrence:

None.

