

High Plains Region				
Period	Phase	Stratigraphic Unit		Hydrogeologic Unit
Quaternary	Modern	Valley-fill alluvium		High Plains Aquifer
		Eolian sand		
	Glaciation	Loess		
		Unconsolidated terrace alluvium		
Neogene	Extension	Ogallala Formation		
		Arikaree Group		
Paleogene	Transition	White River Group	Brule Formation	White River Aquifer
			Chadron Formation	Chadron confining unit
Cretaceous and older	Earlier	Depending on location underlying unit may be one of many regional or Laramide Basin hydrogeologic units; in northern High Plains the underlying units may be regional units or Laramide Cheyenne Basin units; in Eastern High Plains the underlying units may be Cretaceous regional units; in Southern High Plains the underlying units may be Cretaceous and older regional units		Variable

Table 11a-02-01. High Plains region stratigraphic chart.

