

Approximate age (million years)	Volcanic cycle	Rhyolites				Basalts and sediments						
0.07	Third	Plateau Rhyolite	Roaring Mountain Member	Central Plateau Member	Shoshone Lake Tuff Member	Osprey Basalt (includes gravels)			Sediments of late Bull Lake through Holocene age Sediments of Potts Hot Springs, till of Bechler Meadows, sediments of Sevenmile Hole, sediments of Upper Falls, sediments of Lower Falls, sediments of Red Rock, sediments of Inspiration Point			
			Obsidian Creek Member	Upper Basin Member		Madison River Basalt						
			Mallard Lake Member			Swan Lake Flat Basalt	Falls River Basalt	Basalt of Mariposa Lake				
			Lava Creek Tuff of Yellowstone Group									
			Undine Falls Basalt (includes gravels)									
			Mount Jackson Rhyolite									
			Mesa Falls Tuff of Yellowstone Group									
			Sediments and basalts of The Narrows									
			Lewis Canyon Rhyolite									
			Huckleberry Ridge Tuff of Yellowstone Group									
<0.8												
1.2	Second											
1.6	First											
2.0												
<2.4		Rhyolite of Broad Creek				Junction Butte Basalt (includes gravels)		Gravel of Mount Everts				