Rocks Over Time

Rock Layer	Time of deposition (approximately)	Distance on time line (cm)	Period
Kaibab	Ended 255,000,000 years ago		
Formation	Began 260,000,000 years ago		
Toroweap	Ended 260,000,000 years ago		
Formation	Began 265,000,000 years ago		
Coconino	Ended 265,000,000 years ago		
Sandstone	Began 270,000,000 years ago		
Hermit	Ended 270,000,000 years ago		
Shale	Began 275,000,000 years ago		
Supai	Ended 275,000,000 years ago		
Group	Began 325,000,000 years ago		
Redwall	Ended 325,000,000 years ago		
Limestone	Began 360,000,000 years ago		
Ö	Ended 370,000,000 years ago		
Limestone	Began 375,000,000 years ago		
Muav	Ended 525,000,000 years ago		
Limestone	Began 530,000,000 years ago		
Bright Angel	Ended 530,000,000 years ago		
Shale	Began 540,000,000 years ago		
Tapeats	Ended 540,000,000 years ago		
Sandstone	Began 545,000,000 years ago		

1 mm = 1,000,000 years

Rocks Over Time

		Began 545,000,000 years ago	Sandstone
		Ended 540,000,000 years ago	Tapeats
		Began 540,000,000 years ago	Shale
		Ended 530,000,000 years ago	Bright Angel
		Began 530,000,000 years ago	Limestone
		Ended 525,000,000 years ago	Muav
		Began 375,000,000 years ago	Limestone
		Ended 370,000,000 years ago	Temple Butte
		Began 360,000,000 years ago	Limestone
		Ended 325,000,000 years ago	Redwall
		Began 325,000,000 years ago	Group
		Ended 275,000,000 years ago	Supai
		Began 275,000,000 years ago	Shale
		Ended 270,000,000 years ago	Hermit
		Began 270,000,000 years ago	Sandstone
		Ended 265,000,000 years ago	Coconino
		Began 265,000,000 years ago	Formation
		Ended 260,000,000 years ago	Toroweap
		Began 260,000,000 years ago	Formation
		Ended 255,000,000 years ago	Kaibab
	time line (cm)	(approximately)	•
Period	Distance on	Time of deposition	Rock Layer

1 mm = 1,000,000 years

ROCKS OVER TIME