

System	Group	Formation	Member	Thickness (feet)	Character and distribution				
Unconformity									
Jurassic and Jurassic(?)	Glen Canyon group	Navajo sandstone		0-1,350	Sandstone, white to pale-yellowish-orange ¹ , fine- to medium-grained, large-scale cross-laminations. Thickens westward from featheredge in northeasternmost Arizona.				
Jurassic(?)		Kayenta formation		0-300	Sandstone, yellowish-orange and pale-grayish-red, fine- to medium-grained, thin to thick horizontal beds, and medium-scale low-angle cross-laminations; contains minor reddish-brown siltstone. Thickens westward from featheredge in northeasternmost Arizona.				
		Wingate sandstone		250-350	Sandstone, very-pale-orange to moderate-reddish-orange, very fine to fine-grained, large-scale cross-laminations, cliff-forming, widespread.				
Local unconformity									
Triassic		Chinle formation	Church Rock member		0-350	Siltstone, pale-reddish-brown and light-brown, thin to very thick horizontal beds; contains some very fine grained cross-stratified sandstone beds; slope forming. Thins westward to a featheredge.			
			Owl Rock member		0-450	Siltstone, pale-red and pale-reddish-brown, thin to very thick horizontal beds; interstratified with pale-red and light-greenish-gray dense limestone; slope forming. Grades and interfingers northward and eastward into the Church Rock member.			
			Petrified Forest member		0-700	Claystone and clayey sandstone, variegated, bentonitic, horizontally bedded, a few cross-stratified lenses forms badlands. Thins northward to a featheredge.			
			Moss Back member		0-150	Sandstone, yellowish-gray and very-pale-orange, fine- to medium-grained, small- to medium-scale cross-laminations; commonly contains thin to thick beds of conglomeratic sandstone or conglomerate; locally highly variable in thickness; locally absent.			
			Monitor Butte member		0-250	Claystone and clayey sandstone, greenish-gray and minor pale-reddish-brown, bentonitic, structureless or locally cross-stratified or contorted; contains lenses of ripple-laminated sandstone; forms badlands. Thins northward to a featheredge.			
			Shinarump member		0-225	Sandstone, grayish-orange to pale-yellowish-orange, medium- to coarse-grained, small- to medium-scale cross-laminations; commonly contains thin to very thick beds of conglomeratic sandstone or conglomerate; locally highly variable in thickness; locally absent.			
			Temple Mountain member		0-101	Siltstone, mottled purple and white, structureless; complex interfingering with light-colored cross-stratified medium-grained to conglomeratic sandstone. Confined to the San Rafael Swell area although similar strata in other parts of southeastern Utah might be correlative.			
Unconformity									
		Moenkopi formation		50-1,000	Siltstone, pale-reddish-brown, horizontal and ripple laminations, minor very fine grained cross-laminated sandstones. Formation thickens westward and north-westward. Sinbad limestone member present only in western part of south-eastern Utah; 0-200 feet above base of Moenkopi formation; ranges in thickness from a featheredge to 150 feet; composed of pale-yellowish-brown dense lime-stone and minor pale-olive siltstone.				
Local unconformity									
NORTHEASTERN ARIZONA AND CENTRAL, EAST-CENTRAL AND SOUTHEASTERN UTAH					SOUTH-CENTRAL UTAH				
	Formation	Member	Thick-ness (feet)	Character and distribution		Formation	Thick-ness (feet)	Character and distribution	
Permian	Cutler formation	Hoskin-nini tongue	0-120	Siltstone to fine-grained sandstone, pale-reddish-brown; contains many disseminated medium to coarse well-rounded grains, thin to very thick horizontal beds. Not present in south-central, central, or east-central Utah.		Kaibab lime-stone	0-360	Dolomitic limestone, light-greenish-gray and yellowish-gray, dense, commonly fine-grained, sandy, cherty, widespread.	
		Local unconformity							
		White Rim sandstone member	0-230	Sandstone, very-light-gray to yellowish-gray, fine- to medium-grained, medium- to large-scale cross-laminations. Present only in east-central Utah.					
		De Chelly sandstone member	0-825	Sandstone, moderate- reddish-orange, very fine to medium-grained, medium- to large-scale cross-laminations, cliff-forming. Thins to the northwest and pinches out near the Arizona-Utah boundary.		Coco-nino sand-stone	685	Sandstone, yellowish-gray, fine-grained, medium- to large-scale cross-laminations. Contains minor limy sandstone and dolomitic limestone beds. Formation is cliff forming.	
		Organ Rock tongue	250-800	Siltstone, pale-reddish-brown, horizontally laminated to very thick bedded. Contains minor very fine to fine-grained cross-laminated sandstone. Thins to northwest.					
		Cedar Mesa sandstone member	0-1,250	Sandstone, yellowish-gray, fine- to medium-grained, medium- to large-scale cross-laminations, cliff-forming. Thickens to northwest from inferred featheredge in northeastern Arizona.					
Halgaito tongue	0-470	Siltstone to very fine grained sandstone, pale-reddish-brown, horizontally bedded. Contains minor limestone beds. Present only in northeastern Arizona and south eastern Utah.							

¹Colors according to Rock-Color Chart, National Research Council, Washington, D.C., 1948.

GENERALIZED SECTION OF TRIASSIC ROCKS, AND PART OF THE PERMIAN AND JURASSIC ROCKS IN SOUTHEASTERN UTAH AND ADJOINING AREAS.