

Stratigraphic Table of Germany Compact 2012



Global Stratigraphic Scale (GSS)					Regional Stratigraphic Scale (RSS) (composite)												
ERATHEM ERA	SYSTEM PERIOD	SERIES EPOCH	STAGE AGE	DURATION STD 2002	TIME	Folge	Region	Lithostratigraphy, Climastratigraphy (Quaternary) (selected examples)	Natural resources, deposits, reservoirs, fossils (selected examples)	Regional Stage Group	GLOBAL SERIES	SYSTEM PERIOD Supergroup					
CENOZOIC	QUATERNARY 2.6	HOLOCENE	HOLOCENE	0.012	0.012		N-Germany	Subatlantic/Subboreal/Atlantic/Boreal/Preboreal	peat, alluvial loam		HOLOCENE	QUATERNARY					
		PLEISTOCENE 2.6	(TARANTIAN)		0.115	0.127			Weichselian Gl. Saalian Cpl. Elster Gl. Bavelian Cpl. Menapian Cpl. Waalian Complex Eburonian Complex Tiglian Complex Pretiglian Complex	Würm Glacial Riss Glacial Hoßkirch Gl. Mindel Cover Gravel Günz Cover Gravel Donau Cover Gravel	H ₂ O water tephra sand, gravel clay, loam, marl diatomaceous earth travertine	Neandertal NW Steinheim BW Bilingenleben TH Heidelberg BW	PLEISTOCENE	QUATERNARY			
			(IONIAN)		0.65	0.78						Homo					
			CALABRIAN		1.03	1.8							Reg. Stage North Sea				
			GELASIAN		0.78	1.0											
	MIOCENE 18.5	PLIOCENE 2.7	PIACENZIAN		1.0	2.6			Lower Rhine	basalt BW, HE, NI, RP, SN, TH clay BB, SN	Ries-impact BY, BW	Merxheimian	PLIO.		NEOGENE		
		MIOCENE 18.5	ZANCLEAN		1.7	3.6											
			MESSINIAN		1.8	7.1											
			TORTONIAN		4.1	10											
			SERRAVALLIAN		3.6	11.2											
	OLIGOCENE 10	PALAEOGENE 41	LANGHIAN		1.6	16.4								MIOCENE			
			BURDIGALIAN		4.1	20									NEOGENE		
			AQUITANIAN		3.3	23.8										MIOCENE	
			CHATTIAN		4.7	25											MIOCENE
			RUPELIAN		5.2	30											
		PRIABONIAN		3.3	35								MIOCENE				
		BARTONIAN		4.3	40									MIOCENE			
		LUTETIAN		7.7	45										MIOCENE		
		YPRESIAN		5.8	50											MIOCENE	
		THANETIAN		3.1	55												MIOCENE
	SELANDIAN		3.1	60								MIOCENE					
	DANIAN		4.0	65									MIOCENE				
	CRETACEOUS 77	PALAEOGENE 41	MAASTRICHTIAN		6.3	71.3									MIOCENE		
			UPPER CRETACEOUS 34	CAMPANIAN		12.2	80										
				SANTONIAN		2.3	83.5										MIOCENE
CONIACIAN					3.2	85.8								MIOCENE			
TURONIAN					4.5	89.0							MIOCENE				
CENOMANIAN			5.4	98.9							MIOCENE						
LOWER CRETACEOUS 43		ALBIAN		13.3	100										MIOCENE		
		APTIAN		8.8	112.2											MIOCENE	
		BARREMIAN		6.0	121.0									MIOCENE			
		HAUTERIVIAN		5.0	127.0								MIOCENE				
	VALANGINIAN		5.0	132.0							MIOCENE						
JURASSIC 58	PALAEOGENE 41	BERRIASIAN		5.0	137.0										MIOCENE		
		UPPER JURASSIC 14.5	TITHONIAN		4.0	142.0										MIOCENE	
		KIMMERIDGIAN		6.5	146.0									MIOCENE			
		OXFORDIAN		4.0	152.5								MIOCENE				
		MIDDLE JURASSIC 21.5	CALLOVIAN		7.2	163.7						MIOCENE					
	BATHONIAN		2.8	166.5							MIOCENE						
	BAJOCIAN		8.0	170											MIOCENE		
	LOWER JURASSIC 22	AALENIAN		3.5	174.5									MIOCENE			
	TOARCIAN		5.6	178.0									MIOCENE				
	PLIENSCHACHIAN		7.9	183.6								MIOCENE					
SINEMURIAN		5.0	191.5							MIOCENE							
HETTANGIAN		3.5	196.5								MIOCENE						
RHAETIAN		5.0	200.0											MIOCENE			
TRIASSIC 51	PALAEOGENE 41	UPPER TRIASSIC 31	NORIAN		15.0	205.0										MIOCENE	
		CARNIAN		11.0	220.0										MIOCENE		
		LADINIAN		7.0	231.0								MIOCENE				
		MIDDLE TRIASSIC 13	ANISIAN		6.0	238.0						MIOCENE					
		OLENEKIAN		5.0	244.0									MIOCENE			
	INDUAN		2.0	249.0							MIOCENE						
	TRIASSIC 51	PALAEOGENE 41	LOWER TRIASSIC 7	INDUAN		2.0	251.0										MIOCENE
			UPPER TRIASSIC 31	Werra Formation (Upper Gipskeuper)		11.0	220.0									MIOCENE	
			MIDDLE TRIASSIC 13	Stuttgart Formation (Schilfsandstein)		11.0	220.0								MIOCENE		
			LOWER TRIASSIC 7	Grabfeld Fm. (Lower Gipskeuper)		11.0	220.0							MIOCENE			
UPPER TRIASSIC 31			Erfurt Formation (Lettenkeuper)		11.0	220.0						MIOCENE					
TRIASSIC 51	PALAEOGENE 41	UPPER TRIASSIC 31	Trochitenkalk/Meißner/Warburg Fm.		11.0	220.0							MIOCENE				
		MIDDLE TRIASSIC 13	Karlst./Heilbronn/Diemel Fm.		11.0	220.0										MIOCENE	
		LOWER TRIASSIC 7	Jena Fm.		11.0	220.0									MIOCENE		
		UPPER TRIASSIC 31	Röt Fm.		11.0	220.0								MIOCENE			
		LOWER TRIASSIC 7	Volprieh./Defurt/Hardeggen/Solling Fm.		11.0	220.0						MIOCENE					
TRIASSIC 51	PALAEOGENE 41	UPPER TRIASSIC 31	Calvörde/Bernburg Fm.		11.0	220.0							MIOCENE				
		MIDDLE TRIASSIC 13	NI, ST, TH, HE, BY, BW, RP		11.0	220.0										MIOCENE	
		LOWER TRIASSIC 7	NI, ST, TH, HE, BY, BW, RP		11.0	220.0									MIOCENE		
		UPPER TRIASSIC 31	NI, ST, TH, HE, BY, BW, RP		11.0	220.0								MIOCENE			
		LOWER TRIASSIC 7	NI, ST, TH, HE, BY, BW, RP		11.0	220.0						MIOCENE					

● GSSP (Global Stratotype Section and Point) Time: Million years (Ma) Scale changeover Age of resource=Age of reservoir rock Sponsored by: **GFZ** **BGR** **BCC**

According to Stratigraphische Tabelle von Deutschland 2002 (STD 2002), Early Palaeozoic, Permian, Triassic, Quaternary, GSSP slightly modified, with selected resources