

# Stratigraphic Table of Germany Compact 2012



Global Stratigraphic Scale (GSS)						Regional Stratigraphic Scale (RSS) (composite)													
ERATHEM ERA	SYSTEM PERIOD	SERIES EPOCH	STAGE AGE	DURATION	TIME	Folge	Region	Lithostratigraphy, Climatostratigraphy (Quaternary) (selected examples)	Natural resources, deposits, reservoirs, fossils (selected examples)	Regional Stage Group	GLOBAL SERIES	SYSTEM PERIOD	Supergroup						
				STD 2002															
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. Elster, Gl. Bavelian Cpl. Menapian Cpl. Waalian Complex Ebrunian Complex Tiglian Complex Pretiglian Complex	Würm Glacial Riss Glacial Hoßkirch Gl. Mindel Cover Gravel Günz Cover Gravel Donau Cover Gravel	water tephra sand, gravel clay, loam, marl diatomaceous earth travertine	Neandertal NW Steinheim BW Bilzingsleben TH Heidelberg BW	PLEISTOCENE	QUATERNARY						
			(IONIAN)	0.65	0.78	1													
			CALABRIAN	1.03	1.8	2								Reg. Stage North Sea					
		PALEOGENE	MIOCENE 18.5	GELASIAN		0.78	1.8	2						MIOCENE	NEOGENE				
				PIACENZIAN		1.0	2.6	5											
	ZANCLEAN				1.7	5.3													
	OLIGOCENE 10		TORTONIAN		4.1	7.1	10						OLIGOCENE	TERTIARY					
			SERRAVALLIAN		3.6	11.2	15												
			LANGHIAN		1.6	16.4	20												
			BURDIGALIAN		4.1	20.5	25												
			AQUITANIAN		3.3	23.8	30												
			CHATTIAN		4.7	28.5	35												
			RUPELIAN		5.2	33.7	40												
	Eocene 21	PRIABONIAN		3.3	37.0	45						EOCENE	PALAEOGENE						
		BARTONIAN		4.3	41.3	50													
		LUTETIAN		7.7	49.0	55													
		YPRESIAN		5.8	54.8	60													
		THANETIAN		3.1	57.9	65													
		SELANDIAN		3.1	61.0	70													
		DANIAN		4.0	65.0	71.3													
		CRETACEOUS 77	MAASTRICHTIAN		6.3	71.3	80								UPPER CRETACEOUS	CRETACEOUS			
			UPPER CRETACEOUS 34	CAMPANIAN		12.2	83.5	85											
				SANTONIAN		2.3	85.8	90											
	CONIACIAN				3.2	89.0	95												
TURONIAN				4.5	93.5	100													
CENOMANIAN				5.4	98.9	110													
LOWER CRETACEOUS 43	ALBIAN			13.3	112.2	120													
	APTIAN			8.8	121.0	130													
	BARREMIAN			6.0	127.0	140													
	HAUTERIVIAN			5.0	132.0	145													
	VALANGINIAN		5.0	137.0	150														
JURASSIC 186	UPPER JURASSIC 14.5	TITHONIAN		4.0	142.0	155					UPPER JURASSIC	TRIASSIC							
		KIMMERIDGIAN		6.5	146.0	160													
		OXFORDIAN		4.0	152.5	165													
	MIDDLE JURASSIC 21.5	CALLOVIAN		7.2	163.7	170													
		BATHONIAN		2.8	166.5	175													
		BAJOCIAN		8.0	174.5	180													
	LOWER JURASSIC 22	TOARCIAN		5.6	178.0	185													
		PLIENSACHIAN		7.9	183.6	190													
		SINEMURIAN		5.0	191.5	195													
		HETTANGIAN		3.5	196.5	200													
TRIASSIC 51	RHAETIAN		5.0	200.0	205						LOWER TRIASSIC	TRIASSIC							
	UPPER TRIASSIC 31	NORIAN		15.0	210	215													
		CARNIAN		11.0	220.0	225													
	MIDDLE TRIASSIC 13	LADINIAN		7.0	231.0	235													
		ANISIAN		6.0	238.0	240													
	LOW. TRIASS. 7	OLENEKIAN		5.0	244.0	245													
		INDUAN		2.0	249.0	250													

● GSSP (Global Stratotype Section and Point)      Time: Million years (Ma)      Scale: changeover      Age of resource=Age of reservoir rock      Sponsored by: **GFZ** **BGR** **DGG**  
 ○ proposed locality in Germany

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