

Stratigraphic Table of Germany Compact 2022



Global Stratigraphic Scale (GSS)						Regional Stratigraphic Scale (RSS)							
ERA	PERIOD SYSTEM	EPOCH SERIES	STAGE (AGE)	Duration Ma	Age Ma	Regional Geochronol.	Region	Lithostratigraphy, Climastratigraphy (Quaternary) (selected examples) (older \ younger)	Natural resources, deposits, reservoirs, fossils (selected examples)	Regional Stage Group	GLOBAL EPOCH/SER.	PERIOD SYSTEM Supergroup	
CENOZOIC	QUATERNARY	HOLOCENE 0.004	MEGHALAYAN	0.004	0.008	North Germany	Subboreal \ Subatlantic	peat	Holocene	HOLOCENE	QUATERNARY		
			NORDGRIPPIAN	0.012			Weichsel, Gl. Eem Ig. Würm Glacial	water	Neandertal NW				
		L. U.	STAGE 4	0.114	0.126		Saal. Complex	tephra	Steinheim BW				
			CHIBANIAN	0.65	0.78		Holst. Riss Glacial	Homo	Bitzingsleben TH				
		PLEISTOCENE 2.6	CALABRIAN	1.02	1.8		Cromer. Complex	sand, gravel	Heidelberg BW				
				1.02	1.8		Menapian \ Bavelian Complex	clay, loam, marl	Merxemian				
		E. L.	GELASIAN	0.8	2.6		Waalian Complex	diatomaceous earth	Reg. Stage North Sea				
				0.8	2.6		Eburonian Complex	travertine					
		PALEOGENE	MIOCENE	PIACENZIAN	1.0		3.6	Class. Gölz	basalt BW, HE, NI, RP, SN, TH	Scaldian		MIOCENE	NEOGENE
					ZANCLEAN		1.7	3.6	Raun. Kieseloolith	Lower Rhine NW			
	MESSINIAN			1.95	5.3	Laupin Inden Fm.	clay BB, SN	Mors. \ Katte.					
	TORTONIAN			4.35	10	Pritzler Fm.	Upper Freshwater Molasse	Langenfeld.					
	SERRAVALLIAN			2.2	11.6	Meuro Fm.	Ville Fm.	Reinbekian					
	M. M.		LANGHIAN	2.2	16.0	Malliß Fm.	Up. Marine M.	Hem-morian					
				2.2	16.0	Brieske Fm.	Up. Marine M.						
	E. L.		BURDIGALIAN	4.4	20.4	Möllin Fm.	Low, Fresh-water Brack-ish Mol.	Vierlandian					
				4.4	20.4	Sprem-bg. Fm.	Low, Fresh-water Brack-ish Mol.						
	OLIGOCENE		L. U.	CHATTIAN	5.1	25	Cottbus Formation	kaolin Kemmlitz SN	Neochattian				
		5.1			25	Sulzheim Fm.	brown coal ST, SN	Eochattian					
		E. L.	RUPELIAN	5.8	30	Böhen Fm.	Lower Marine Molasse	Rupelian					
5.8				30	Boden-heim Fm.	Lower Marine Molasse	Latdorfian						
M. M.		LUTETIAN	6.5	45	Schönewalde Fm.	Helveticum							
	6.5		45	Borna Fm.	Helveticum								
PALEOCENE	L. U.	THANETIAN	3.2	56.0	Serno Fm.	Grüne Mergel							
			3.2	56.0	Profen	Globigerinenmergel							
	E. L.	YPRESIAN	8.2	50	Gent-hin Fm.	Messel							
			8.2	50	Geisel-tal Fm.	Messel Fm.							
	L. U.	SELANDIAN	2.4	61.6	Nedlitz Fm.	Kressenberg Formation							
2.4			61.6	Roß. Leuna Schk.	Kressenberg Formation								
MESOZOIC	CRETACEOUS	LATE CRETACEOUS	MAASTRICHTIAN	6.0	66.0	Germany	Mahlpfuhl Fm.			CRETACEOUS			
			CAMPANIAN	11.5	72.0		Nassenheide Fm.	Oiching Formation					
			SANTONIAN	3.0	83.5		Waßmannsdorf Fm.	Group					
			CONIACIAN	3.5	86.5		Wülpen Formation	Group					
			TURONIAN	4.0	90.0		Reitbrook Fm.	Reitbrook HH					
		EARLY CRETACEOUS	ALBIAN	12.5	100.5		chalk NI, SH, MV	Münster					
			APTIAN	≈8.5	113		marly limestone (cement) NW, NI	Schreibkreide					
			BARREMIAN	≈8.0	121.5		glauconite limestone Anröchte NW	Plänerkalk					
			HAUTERIVIAN	3.0	129.5		siliceous SN earth	Königstein					
			VALANGINIAN	≈7.5	132.5		Neuburg BY	Osning Sst. NW, NI					
	JURASSIC	UPPER JURASSIC	TITHONIAN	7.0	145	Germany	Flammenmergel			JURASSIC			
			KIMMERIDGIAN	5.0	152		Alfeld Formation						
			OXFORDIAN	6.5	157		Hils Formation						
			CALLOVIAN	2.5	163.5		Peine Formation						
			BATHONIAN	2.0	166		Hoheneggelsen Fm.						
		LOWER JURASSIC	TOARCIAN	9.0	183		Stadthagen Formation						
			PLIENSCHACHIAN	8.0	191		Minden-Braunschweig						
			SINEMURIAN	8.0	191		Minden-Braunschweig						
			HETTANGIAN	2.5	199		Bü. Isterberg Fm. (Wealden)	Bückeberg					
			RHAETIAN	4	201.5		Münder Formation						
TRIASSIC	UPPER TRIASSIC	NORIAN	21.5	209.5	Germany	Holzener Fm. (Gigas)			TRIASSIC				
		21.5	209.5	Süntel Fm. Beds									
	MIDDLE TRIASSIC	KARNIAN	10	237		Karallenoolith Fm.							
		LADINIAN	5	242		Ornatenton Formation							
	EARLY TRIASSIC	OLENEKIAN	4	251		Mittelplate sst. Fm.							
INDUAN	1.5	252.5	Opalinuston Fm.										