

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 (selected examples)	Natural resources, deposits, reservoirs, fossils (selected examples)	Group Regional Stage Regional Series	SYSTEM PERIOD Supergroup		
PERMIAN	PERMIAN	LOPINGIAN 9.5	CHANGHSING	4	251-251	z5-7	N-Germany	Ohre\Friesland\Fulda Formation	potash salt and rock salt HE, NI, ST, TH, NW	Zechstein	Perm. of Central Europe		
			WUCHIAPING.	5.5	255	z1-4		Werra\Staßfurt\Leine\Elbe Fm.					
			CAPITANIAN	4.5	260.5			Dethlingen\Hannover\Elbe Subgroup					
			WORDIAN	3	265			Parchim\Mirov Fm.					
			ROADIAN	4.5	268			Thüringer Wald\Nahe					
	PERMIAN	PERMIAN	CISURALIAN 23	KUNGURIAN	7	272.5		Eisenach Fm.			Rotliegend	Perm. of Central Europe	
					ARTINSKIAN	4.5	279.5		Mürtitz Sbgr. (Sed. Autun)				
					SAKMARIAN	6	284		Tambach Fm. Rotterode Fm. Oberhof Fm. Goldlauter Fm. Manebach Fm. Imenau Fm. Möhrenb. Fm.				
					ASSELIAN	6	290		Altmärk Sbgr. (Volc. Autun)				
					GZHELIAN	6	296		Saar Breib./Heusw., Göttelb./Dilsburg Fm.				
	CARBONIFEROUS	CARBONIFEROUS	PENNSYLVANIAN 24	KASIMOVIAN	3	302		Osnabrück Fm.			Stephanian	Carboniferous of Central Europe	
					MOSCOWIAN	7	305		Lembeck/Dorsten/Horst Formation				
					BASHKIRIAN	8	310		Essen/Bochum/Witten Formation				
					SERPUKHOVIAN	6.5	312		Sprockhövel/Ziegelschiefer Fm.				
					VISÉAN	19	320		Möhne Gr. Upper Alum Shale				
	CARBONIFEROUS	CARBONIFEROUS	MISSISSIPPIAN 38			326.5		Culm Argillaceous Shale/Culm Greywackes				Carboniferous of Central Europe	
							330	Medebach Gr. Sil. Trans. Beds					
							340	Dreier Group Sil. Limestone Chert					
							345.5	Lower Alum Shale					
							350	Hangenberg Beds					
DEVONIAN	DEVONIAN	UPPER DEVONIAN 23	FAMENNIAN	15.5	358		Cephalopod stones Low.			Wock./Dasb. Hembergian	DEVONIAN		
				FRASNIAN	7.5	370		Annulata H. Bohlen Fm.					
				GIVETIAN	6	373.5		Massenkalk					
				EIFELIAN	5	381		Honsel-/Brandenberg Beds					
				EMSIAN	15	387		Mühlberg B., Remscheid Beds (Hauptkeratophyr/Siesel Beds Pasel Beds)					
DEVONIAN	DEVONIAN	LOWER DEVONIAN 25.5	PRAGIAN	4.5	392		Bunte Ebbe Beds			Adorfian FRAS.	DEVONIAN		
				LOCHKOVIAN	6	400		Bredeneck Beds Hüinghaus. Beds					
				PRIDOLI	1.5	410		Orthoceras Limestone					
				LUDE./GORST.	2	411.5		Ostracods SHEINWOOD.					
				TELYCHIAN	8	417.5							
SILURIAN	SILURIAN	WENLOCK 5	LUDE./GORST.	2	420		Graptolite Shale Formation			Givetian GIV.	SILURIAN		
				HOMERIAN	3	423		Lower Graptolite Shale Formation					
				SHEINWOOD.	2	428		Lusatia Eichberg Fm.					
				LECHERGRABEN	2	430		Her-scheid Gr.					
				TELYCHIAN	8	436		Klitten Formation					
ORDOVICIAN	ORDOVICIAN	UPPER ORDOVICIAN 17	KATIAN	10	439		Dubrau-Quarzit Fm.			Ashgillian	ORDOVICIAN		
				SANDBIAN	5	444		Griffel-schiefer Formation					
				DARRIWILIAN	7	446		Phycoden Gr.					
				DAPINGIAN	4	456		Frauenbach Gr.					
				FLOIAN	7	461							
ORDOVICIAN	ORDOVICIAN	MIDDLE ORDOV. 11	TREMADOCIAN	9	468		Buchberg/Jahnsbach/Halbmeile/Herold Fm.			Caradocian	ORDOVICIAN		
						472	Jächy-Breitenbr. mov Gr. Griebzbach						
						477	Fichtelberg Fm. Obermittweida Fm. Raschau Formation						
						480							
						488							
CAMBRIAN	CAMBRIAN	UPPER CAMBRIAN	STAGE 10	4	490		Thum Gr.			Arenigian	CAMBRIAN		
				JIANGSHANIAN	4	492		Frankenwald					
				PAIBIAN	3	496		Bergleshof./Lip-pertsg./Triebenr./Wildenst./Galgenberg/Tiefenb. Fm.					
				GUZHANGIAN	4	499		Jächy-Breitenbr. mov Gr. Griebzbach					
				DRUMIAN	4	503		Klino-vec Gr.					
CAMBRIAN	CAMBRIAN	MIDDLE CAMBRIAN	STAGE 5	3	507		Nieder-schlag Gr.			Tremadocian	CAMBRIAN		
				STAGE 4	3	510		Médénes Fm. Pb/Pb: ≈500-480 Ma					
				STAGE 3	3	515		Rusová Formation					
				STAGE 2	3	521		Osterg-gebirge Gr.					
				STAGE 1	3	528							
EDIIACARAN	EDIIACARAN	LOWER EDIIACARAN	FORTUNIAN	3	530					Lower Cambrian	EDIIACARAN		
						542							
						548							
						550							
						560							
NEOPROTEROZOIC	NEOPROTEROZOIC	EDIIACARAN 93			570						NEOPROTEROZOIC		
						580							
						635							
						800							
						1000							

BB - Brandenburg
BW - Baden-Württemberg
BY - Bavaria
HB - Bremen
HE - Hesse
HH - Hamburg
MV - Mecklenburg-Vorpommern
NI - Lower Saxony
NW - North Rhine-Westphalia
RP - Rhineland-Palatinate
SH - Schleswig-Holstein
SL - The Saar
SN - Saxony
ST - Sachsen-Anhalt
TH - Thuringia

partly younger
 partly younger and older
 partly older

Ag - silver
Ba - baryte
F - fluorite
Fe - iron
Pb - lead
Sn - tin
U - uranium
Zn - zinc

Scale changeover
 Age of resource=Age of reservoir rock
 Time: Million years (Ma)
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