

Stratigraphic Table of Germany Compact 2012a



Global Stratigraphic Scale (GSS)					Regional Stratigraphic Scale (RSS) (composite)														
ERATHEM ERA	SYSTEM PERIOD	SERIES EPOCH	STAGE AGE	DURATION	TIME	Folge	Region	Lithostratigraphy (selected examples) (older/younger)	Natural resources, deposits, reservoirs, fossils (selected examples)	Group Regional Stage Regional Series	SYSTEM PERIOD	Supergroup							
PALAEOZOIC	PERMIAN	LOPINGIAN 9.5 <i>Clarkina postbitteri postb.</i>	CHANGHSING.	4	251 - 251.255	z5-1	N-Germany	Ohrre/Vriesland/Fulda Formation Werra/Staßfurt/Leine/Alber Fm.	potash salt and rock salt HE, NI, ST, TH, NW	Zechstein	Perm. of Central Europe	Dias							
			WUCHIAPING.	5	255	z1-4		Dachstein/Hammoverl. Eibe Sub-Parchim/Mirov Fm.	Havel group	underground reservoir Lesum HB, Heide, Kiel SH, Epe NW									
		GUADALUPIAN 12 <i>Jinogondolella nankingen.</i>	CAPITANIAN	4.5	260.5	260		no 3-4	Saar	Thüringer Wald			natural gas NI, ST	oil NI, ST, TH, NW	Rottliegend				
			WORDIAN	3	263	268		no 1-2		Eisenach Fm.			Kurfürstentum SA, ST, TH, NW	anhydrite TH, NW	Lohnothum TH, NW	Cottbus TH			
		CISURALIAN 23 <i>Streptognathodus isolatus</i>	KUNGURIAN	4.5	272.5	270			Ruhr	Mürz/Sbgr. (Sed. Autun)			sandstone TH	magnetic rocks, quartz	(Pfalz) Vriech-Regional Stage				
			ROADIAN	4.5	272.5	270				Altmärk Sbgr. (Volc. Autun)			Mansbach Fm.	black coal NW	black coal NW	Westphalian			
		CARBONIFEROUS	PENNSYLVANIAN 24 <i>Declinognathodus nodulif.</i>	GZHELIAN	6	302		300		Saar			Dilsb./Göttel.	Heusw./Breitenb. Fm.	black coal NW	quartzite Piesberg NI	black coal NW	Stephanian	Silesian
				KASIMOVIAN	3	305		284					Möhn-Gr.	Culm Argillaceous Shale	greywackes	granite SN, ST, BY, BW, HE	Erzgeb., Vogtl. SN	Namurian	
				MOSCOWIAN	7	310		312						Medebach-Gr.	Sil. Trans. Beds	Thuringia	greywacke	carb. platy, silic. limest.	
				BASHKIRIAN	8	320		320					Dreier-Group		St. Limestone	Culm Greywacke/Bordenschiefer	roof slate	volcanics HE, RP	
	SERPUKHOVIAN			6.5	320	320		Hängenb. Beds	Lower Alum Shale		Russ-Schiefer	Unterquölz		Lehesten TH	Tournaisian				
	VISÉAN		19	340	340		Cephalopod Limestone Low.		Annulata H.	Bohlen Fm.	limestone (anhydrous lime, crushed st., grit)	Wöck/Dasb. Hemmerling	FAM.						
	TOURNAISIAN		12.5	350	350			Hönsel Beds	Hirtenrängen Fm.	Schwärzschiefer Formation	Honnetal, Elbingerode, Bad Grund NW, ST, NI, HE	Rottleberode	Nehdenian						
	FAMENNIAN		15.5	370	370		Massenkalk		Honsel Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.					
	FRANSIAN		7.5	381	380			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.					
	MIDDLE DEVON, 11 <i>Polygnathus costatus part.</i>		GIVETIAN	6	387	387			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.				
	EIFELIAN	5	392	390		Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation		Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	LOWER DEVONIAN 25.5 <i>Monograptus uniformis</i>	EMSIAN	15	400	400			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.					
		PRAGIAN	4.5	411.5	410		Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.					
		LOCHKOVIAN	6	415	415			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.					
PRIDOLI 1, 2		2	423	423		Hönsel Beds	Grandenberg Beds		Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
LUDLOW 4		2	423	423			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
WENLOCK 5	2	428	428		Hönsel Beds	Grandenberg Beds		Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.							
SILURIAN 27	LLANDOVERY 16 <i>Akidograptus ascensus</i>	AERONIAN	3	436		436		Rheinisches Schiefergebirge	Hauptkeratophyrisch	Tentakuliten-schiefer Fm.	Hunsrück Slate	quartzite HE, RP	Siegenian	DEVONIAN	PRAG., LOCH.				
	RHUDDANIAN	5	444	444		Hönsel Beds	Grandenberg Beds		Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	HIRNANTIAN	2	446	446			Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian			FRAS.			
	KATIAN	10	456	456		Hönsel Beds			Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian			FRAS.			
	SANDBIAN	5	461	460			Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian			FRAS.			
MIDDLE ORDOVICIAN 17 <i>Nemagraptus gracilis</i>	DARRIWILIAN	7	468	468		Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	DAPINGIAN	4	472	472			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	FLOJAN	7	479	479		Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	JANGSHANIAN	4	492	492		Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
LOWER ORDOVICIAN 16 <i>Iapetognathus fluctivagus</i>	TREMADOCIAN	9	488	488			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488		Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488		Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
UPPER ORDOVICIAN 11 <i>Baltinodus triangularis</i>	TREMADOCIAN	9	488	488		Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488		Hönsel Beds		Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488			Hönsel Beds	Grandenberg Beds	Schwärzschiefer Formation	Lahn-Dill HE, NW	meta. basalt NW	Aorfian	FRAS.						
	TREMADOCIAN	9	488	488															