

age_code	erathem_era	system_period	series_epoch	stage_age	stage_division	age_max_ma	age_min_ma
42430	Cenozoic	Neogene	Holocene	Upper Holocene			
42420	Cenozoic	Neogene	Holocene	Middle Holocene			
42410	Cenozoic	Neogene	Holocene	Lower Holocene			
42400	Cenozoic	Neogene	Holocene			0.0115	0
42330	Cenozoic	Neogene	Pleistocene	Upper Pleistocene		0.126	0.0115
42320	Cenozoic	Neogene	Pleistocene	Middle Pleistocene		0.781	0.126
42310	Cenozoic	Neogene	Pleistocene	Lower Pleistocene		1.806	0.781
42300	Cenozoic	Neogene	Pleistocene			1.806	0.0115
42233	Cenozoic	Neogene	Pliocene	Gelasian	Upper Gelasian		
42232	Cenozoic	Neogene	Pliocene	Gelasian	Middle Gelasian		
42231	Cenozoic	Neogene	Pliocene	Gelasian	Lower Gelasian		
42230	Cenozoic	Neogene	Pliocene	Gelasian		2.588	1.806
42223	Cenozoic	Neogene	Pliocene	Piacenzian	Upper Piacenzian		
42222	Cenozoic	Neogene	Pliocene	Piacenzian	Middle Piacenzian		
42221	Cenozoic	Neogene	Pliocene	Piacenzian	Lower Piacenzian		
42220	Cenozoic	Neogene	Pliocene	Piacenzian		3.6	2.588
42213	Cenozoic	Neogene	Pliocene	Zanclean	Upper Zanclean		
42212	Cenozoic	Neogene	Pliocene	Zanclean	Middle Zanclean		
42211	Cenozoic	Neogene	Pliocene	Zanclean	Lower Zanclean		
42210	Cenozoic	Neogene	Pliocene	Zanclean		5.332	3.6
42200	Cenozoic	Neogene	Pliocene			5.332	1.806
42163	Cenozoic	Neogene	Miocene	Messinian	Upper Messinian		
42162	Cenozoic	Neogene	Miocene	Messinian	Middle Messinian		
42161	Cenozoic	Neogene	Miocene	Messinian	Lower Messinian		
42160	Cenozoic	Neogene	Miocene	Messinian		7.246	5.332
42153	Cenozoic	Neogene	Miocene	Tortonian	Upper Tortonian		
42152	Cenozoic	Neogene	Miocene	Tortonian	Middle Tortonian		
42151	Cenozoic	Neogene	Miocene	Tortonian	Lower Tortonian		
42150	Cenozoic	Neogene	Miocene	Tortonian		11.608	7.246
42143	Cenozoic	Neogene	Miocene	Seravallian	Upper Servallian		
42142	Cenozoic	Neogene	Miocene	Seravallian	Middle Servallian		
42141	Cenozoic	Neogene	Miocene	Seravallian	Lower Servallian		
42140	Cenozoic	Neogene	Miocene	Seravallian		13.65	11.608
42133	Cenozoic	Neogene	Miocene	Langhian	Upper Langhian		
42132	Cenozoic	Neogene	Miocene	Langhian	Middle Langhian		
42131	Cenozoic	Neogene	Miocene	Langhian	Lower Langhian		
42130	Cenozoic	Neogene	Miocene	Langhian		15.97	13.65
42123	Cenozoic	Neogene	Miocene	Burdigalian	Upper Burdigalian		
42122	Cenozoic	Neogene	Miocene	Burdigalian	Middle Burdigalian		
42121	Cenozoic	Neogene	Miocene	Burdigalian	Lower Burdigalian		
42120	Cenozoic	Neogene	Miocene	Burdigalian		20.43	15.97
42113	Cenozoic	Neogene	Miocene	Aquitanian	Upper Aquitanian		
42112	Cenozoic	Neogene	Miocene	Aquitanian	Middle Aquitanian		
42111	Cenozoic	Neogene	Miocene	Aquitanian	Lower Aquitanian		

42110	Cenozoic	Neogene	Miocene	Aquitanian		23.03	20.43
42100	Cenozoic	Neogene	Miocene			23.03	5.332
42000	Cenozoic	Neogene				23.03	0
41323	Cenozoic	Paleogene	Oligocene	Chattian	Upper Chattian		
41322	Cenozoic	Paleogene	Oligocene	Chattian	Middle Chattian		
41321	Cenozoic	Paleogene	Oligocene	Chattian	Lower Chattian		
41320	Cenozoic	Paleogene	Oligocene	Chattian		28.4	23.03
41313	Cenozoic	Paleogene	Oligocene	Rupelian	Upper Rupelian		
41312	Cenozoic	Paleogene	Oligocene	Rupelian	Middle Rupelian		
41311	Cenozoic	Paleogene	Oligocene	Rupelian	Lower Rupelian		
41310	Cenozoic	Paleogene	Oligocene	Rupelian		33.9	28.4
41300	Cenozoic	Paleogene	Oligocene			33.9	23.03
41243	Cenozoic	Paleogene	Eocene	Priabonian	Upper Priabonian		
41242	Cenozoic	Paleogene	Eocene	Priabonian	Middle Priabonian		
41241	Cenozoic	Paleogene	Eocene	Priabonian	Lower Priabonian		
41240	Cenozoic	Paleogene	Eocene	Priabonian		37.2	33.9
41233	Cenozoic	Paleogene	Eocene	Bartonian	Upper Bartonian		
41232	Cenozoic	Paleogene	Eocene	Bartonian	Middle Bartonian		
41231	Cenozoic	Paleogene	Eocene	Bartonian	Lower Bartonian		
41230	Cenozoic	Paleogene	Eocene	Bartonian		40.4	37.2
41223	Cenozoic	Paleogene	Eocene	Lutetian	Upper Lutetian		
41222	Cenozoic	Paleogene	Eocene	Lutetian	Middle Lutetian		
41221	Cenozoic	Paleogene	Eocene	Lutetian	Lower Lutetian		
41220	Cenozoic	Paleogene	Eocene	Lutetian		48.6	40.4
41213	Cenozoic	Paleogene	Eocene	Ypresian	Upper Ypresian		
41212	Cenozoic	Paleogene	Eocene	Ypresian	Middle Ypresian		
41211	Cenozoic	Paleogene	Eocene	Ypresian	Lower Ypresian		
41210	Cenozoic	Paleogene	Eocene	Ypresian		55.8	48.6
41200	Cenozoic	Paleogene	Eocene			55.8	33.9
41133	Cenozoic	Paleogene	Paleocene	Thanetian	Upper Thanetian		
41132	Cenozoic	Paleogene	Paleocene	Thanetian	Middle Thanetian		
41131	Cenozoic	Paleogene	Paleocene	Thanetian	Lower Thanetian		
41130	Cenozoic	Paleogene	Paleocene	Thanetian		58.7	55.8
41123	Cenozoic	Paleogene	Paleocene	Selandian	Upper Selandian		
41122	Cenozoic	Paleogene	Paleocene	Selandian	Middle Selandian		
41121	Cenozoic	Paleogene	Paleocene	Selandian	Lower Selandian		
41120	Cenozoic	Paleogene	Paleocene	Selandian		61.7	58.7
41113	Cenozoic	Paleogene	Paleocene	Danian	Upper Danian		
41112	Cenozoic	Paleogene	Paleocene	Danian	Middle Danian		
41111	Cenozoic	Paleogene	Paleocene	Danian	Lower Danian		
41110	Cenozoic	Paleogene	Paleocene	Danian		65.5	61.7
41100	Cenozoic	Paleogene	Paleocene			65.5	55.8
41000	Cenozoic	Paleogene				65.5	23.03
40000	Cenozoic					65.5	0
33263	Mesozoic	Cretaceous	Upper Cretaceous	Maastrichtian	Upper Maastrichtian		

33262	Mesozoic	Cretaceous	Upper Cretaceous	Maastrichtian	Middle Maastrichtian		
33261	Mesozoic	Cretaceous	Upper Cretaceous	Maastrichtian	Lower Maastrichtian		
33260	Mesozoic	Cretaceous	Upper Cretaceous	Maastrichtian		70.6	65.5
33253	Mesozoic	Cretaceous	Upper Cretaceous	Campanian	Upper Campanian		
33252	Mesozoic	Cretaceous	Upper Cretaceous	Campanian	Middle Campanian		
33251	Mesozoic	Cretaceous	Upper Cretaceous	Campanian	Lower Campanian		
33250	Mesozoic	Cretaceous	Upper Cretaceous	Campanian		83.5	70.6
33243	Mesozoic	Cretaceous	Upper Cretaceous	Santonian	Upper Santonian		
33242	Mesozoic	Cretaceous	Upper Cretaceous	Santonian	Middle Santonian		
33241	Mesozoic	Cretaceous	Upper Cretaceous	Santonian	Lower Santonian		
33240	Mesozoic	Cretaceous	Upper Cretaceous	Santonian		85.8	83.5
33233	Mesozoic	Cretaceous	Upper Cretaceous	Coniacian	Upper Coniacian		
33232	Mesozoic	Cretaceous	Upper Cretaceous	Coniacian	Middle Coniacian		
33231	Mesozoic	Cretaceous	Upper Cretaceous	Coniacian	Lower Coniacian		
33230	Mesozoic	Cretaceous	Upper Cretaceous	Coniacian		89.3	85.8
33223	Mesozoic	Cretaceous	Upper Cretaceous	Turonian	Upper Turonian		
33222	Mesozoic	Cretaceous	Upper Cretaceous	Turonian	Middle Turonian		
33221	Mesozoic	Cretaceous	Upper Cretaceous	Turonian	Lower Turonian		
33220	Mesozoic	Cretaceous	Upper Cretaceous	Turonian		93.5	89.3
33213	Mesozoic	Cretaceous	Upper Cretaceous	Cenomanian	Upper Cenomanian		
33212	Mesozoic	Cretaceous	Upper Cretaceous	Cenomanian	Middle Cenomanian		
33211	Mesozoic	Cretaceous	Upper Cretaceous	Cenomanian	Lower Cenomanian		
33210	Mesozoic	Cretaceous	Upper Cretaceous	Cenomanian		99.6	93.5
33200	Mesozoic	Cretaceous	Upper Cretaceous			99.6	65.5
33163	Mesozoic	Cretaceous	Lower Cretaceous	Albian	Upper Albian		
33162	Mesozoic	Cretaceous	Lower Cretaceous	Albian	Middle Albian		
33161	Mesozoic	Cretaceous	Lower Cretaceous	Albian	Lower Albian		
33160	Mesozoic	Cretaceous	Lower Cretaceous	Albian		112	99.6
33153	Mesozoic	Cretaceous	Lower Cretaceous	Aptian	Upper Aptian		
33152	Mesozoic	Cretaceous	Lower Cretaceous	Aptian	Middle Aptian		
33151	Mesozoic	Cretaceous	Lower Cretaceous	Aptian	Lower Aptian		
33150	Mesozoic	Cretaceous	Lower Cretaceous	Aptian		125	112
33143	Mesozoic	Cretaceous	Lower Cretaceous	Barremian	Upper Barremian		
33142	Mesozoic	Cretaceous	Lower Cretaceous	Barremian	Middle Barremian		
33141	Mesozoic	Cretaceous	Lower Cretaceous	Barremian	Lower Barremian		
33140	Mesozoic	Cretaceous	Lower Cretaceous	Barremian		130	125
33133	Mesozoic	Cretaceous	Lower Cretaceous	Hauterivian	Upper Hauterivian		
33132	Mesozoic	Cretaceous	Lower Cretaceous	Hauterivian	Middle Hauterivian		
33131	Mesozoic	Cretaceous	Lower Cretaceous	Hauterivian	Lower Hauterivian		
33130	Mesozoic	Cretaceous	Lower Cretaceous	Hauterivian		136.4	130
33123	Mesozoic	Cretaceous	Lower Cretaceous	Valanginian	Upper Valanginian		
33122	Mesozoic	Cretaceous	Lower Cretaceous	Valanginian	Middle Valanginian		
33121	Mesozoic	Cretaceous	Lower Cretaceous	Valanginian	Lower Valanginian		
33120	Mesozoic	Cretaceous	Lower Cretaceous	Valanginian		140.2	136.4
33113	Mesozoic	Cretaceous	Lower Cretaceous	Berriasian	Upper Berriasian		

33112	Mesozoic	Cretaceous	Lower Cretaceous	Berriasian	Middle Berriasian		
33111	Mesozoic	Cretaceous	Lower Cretaceous	Berriasian	Lower Berriasian		
33110	Mesozoic	Cretaceous	Lower Cretaceous	Berriasian		145.5	140.2
33100	Mesozoic	Cretaceous	Lower Cretaceous			145.5	99.6
33000	Mesozoic	Cretaceous				145.5	65.5
32333	Mesozoic	Jurassic	Upper Jurassic	Tithonian	Upper Tithonian		
32332	Mesozoic	Jurassic	Upper Jurassic	Tithonian	Middle Tithonian		
32331	Mesozoic	Jurassic	Upper Jurassic	Tithonian	Lower Tithonian		
32330	Mesozoic	Jurassic	Upper Jurassic	Tithonian		150.8	145.5
32323	Mesozoic	Jurassic	Upper Jurassic	Kimmeridgian	Upper Kimmeridgian		
32322	Mesozoic	Jurassic	Upper Jurassic	Kimmeridgian	Middle Kimmeridgian		
32321	Mesozoic	Jurassic	Upper Jurassic	Kimmeridgian	Lower Kimmeridgian		
32320	Mesozoic	Jurassic	Upper Jurassic	Kimmeridgian		155	150.8
32313	Mesozoic	Jurassic	Upper Jurassic	Oxfordian	Upper Oxfordian		
32312	Mesozoic	Jurassic	Upper Jurassic	Oxfordian	Middle Oxfordian		
32311	Mesozoic	Jurassic	Upper Jurassic	Oxfordian	Lower Oxfordian		
32310	Mesozoic	Jurassic	Upper Jurassic	Oxfordian		161.2	155
32300	Mesozoic	Jurassic	Upper Jurassic			161.2	145.5
32243	Mesozoic	Jurassic	Middle Jurassic	Callovian	Upper Callovian		
32242	Mesozoic	Jurassic	Middle Jurassic	Callovian	Middle Callovian		
32241	Mesozoic	Jurassic	Middle Jurassic	Callovian	Lower Callovian		
32240	Mesozoic	Jurassic	Middle Jurassic	Callovian		164.7	161.2
32233	Mesozoic	Jurassic	Middle Jurassic	Bathonian	Upper Bathonian		
32232	Mesozoic	Jurassic	Middle Jurassic	Bathonian	Middle Bathonian		
32231	Mesozoic	Jurassic	Middle Jurassic	Bathonian	Lower Bathonian		
32230	Mesozoic	Jurassic	Middle Jurassic	Bathonian		167.7	164.7
32223	Mesozoic	Jurassic	Middle Jurassic	Bajocian	Upper Bajocian		
32222	Mesozoic	Jurassic	Middle Jurassic	Bajocian	Middle Bajocian		
32221	Mesozoic	Jurassic	Middle Jurassic	Bajocian	Lower Bajocian		
32220	Mesozoic	Jurassic	Middle Jurassic	Bajocian		171.6	167.7
32213	Mesozoic	Jurassic	Middle Jurassic	Aalenian	Upper Aalenian		
32212	Mesozoic	Jurassic	Middle Jurassic	Aalenian	Middle Aalenian		
32211	Mesozoic	Jurassic	Middle Jurassic	Aalenian	Lower Aalenian		
32210	Mesozoic	Jurassic	Middle Jurassic	Aalenian		175.6	171.6
32200	Mesozoic	Jurassic	Middle Jurassic			175.6	161.2
32143	Mesozoic	Jurassic	Lower Jurassic	Toarcian	Upper Toarcian		
32142	Mesozoic	Jurassic	Lower Jurassic	Toarcian	Middle Toarcian		
32141	Mesozoic	Jurassic	Lower Jurassic	Toarcian	Lower Toarcian		
32140	Mesozoic	Jurassic	Lower Jurassic	Toarcian		183	175.6
32133	Mesozoic	Jurassic	Lower Jurassic	Pliensbachian	Upper Pliensbachian		
32132	Mesozoic	Jurassic	Lower Jurassic	Pliensbachian	Middle Pliensbachian		
32131	Mesozoic	Jurassic	Lower Jurassic	Pliensbachian	Lower Pliensbachian		
32130	Mesozoic	Jurassic	Lower Jurassic	Pliensbachian		189.6	183
32123	Mesozoic	Jurassic	Lower Jurassic	Sinemurian	Upper Sinemurian		
32122	Mesozoic	Jurassic	Lower Jurassic	Sinemurian	Middle Sinemurian		

32121	Mesozoic	Jurassic	Lower Jurassic	Sinemurian	Lower Sinemurian		
32120	Mesozoic	Jurassic	Lower Jurassic	Sinemurian		196.5	189.6
32113	Mesozoic	Jurassic	Lower Jurassic	Hettangian	Upper Hettangian		
32112	Mesozoic	Jurassic	Lower Jurassic	Hettangian	Middle Hettangian		
32111	Mesozoic	Jurassic	Lower Jurassic	Hettangian	Lower Hettangian		
32110	Mesozoic	Jurassic	Lower Jurassic	Hettangian		199.6	196.5
32100	Mesozoic	Jurassic	Lower Jurassic			199.6	175.6
32000	Mesozoic	Jurassic				199.6	145.5
31330	Mesozoic	Triassic	Upper Triassic	Rhaetian		203.6	199.6
31323	Mesozoic	Triassic	Upper Triassic	Norian	Upper Norian		
31322	Mesozoic	Triassic	Upper Triassic	Norian	Middle Norian		
31321	Mesozoic	Triassic	Upper Triassic	Norian	Lower Norian		
31320	Mesozoic	Triassic	Upper Triassic	Norian		216.5	203.6
31313	Mesozoic	Triassic	Upper Triassic	Carnian	Upper Carnian		
31312	Mesozoic	Triassic	Upper Triassic	Carnian	Middle Carnian		
31311	Mesozoic	Triassic	Upper Triassic	Carnian	Lower Carnian		
31310	Mesozoic	Triassic	Upper Triassic	Carnian		228	216.5
31300	Mesozoic	Triassic	Upper Triassic			228	199.6
31223	Mesozoic	Triassic	Middle Triassic	Ladinian	Upper Ladinian		
31222	Mesozoic	Triassic	Middle Triassic	Ladinian	Middle Ladinian		
31221	Mesozoic	Triassic	Middle Triassic	Ladinian	Lower Ladinian		
31220	Mesozoic	Triassic	Middle Triassic	Ladinian		237	228
31213	Mesozoic	Triassic	Middle Triassic	Anisian	Upper Anisian		
31212	Mesozoic	Triassic	Middle Triassic	Anisian	Middle Anisian		
31211	Mesozoic	Triassic	Middle Triassic	Anisian	Lower Anisian		
31210	Mesozoic	Triassic	Middle Triassic	Anisian		245	237
31200	Mesozoic	Triassic	Middle Triassic			245	228
31122	Mesozoic	Triassic	Lower Triassic	Olenekian	Spathian		
31121	Mesozoic	Triassic	Lower Triassic	Olenekian	Smithian		
31120	Mesozoic	Triassic	Lower Triassic	Olenekian		249.7	245
31112	Mesozoic	Triassic	Lower Triassic	Induan	Dienerian		
31111	Mesozoic	Triassic	Lower Triassic	Induan	Griesbachian		
31110	Mesozoic	Triassic	Lower Triassic	Induan		251	249.7
31100	Mesozoic	Triassic	Lower Triassic			251	245
31000	Mesozoic	Triassic				251	199.6
30000	Mesozoic					251	65.5
26322	Paleozoic	Permian	Lopingian (Upper Permian)	Changhsingian	Upper Changhsingian		
26321	Paleozoic	Permian	Lopingian (Upper Permian)	Changhsingian	Lower Changhsingian		
26320	Paleozoic	Permian	Lopingian (Upper Permian)	Changhsingian		253.8	251
26312	Paleozoic	Permian	Lopingian (Upper Permian)	Wuchiapingian	Upper Wuchiapingian		
26311	Paleozoic	Permian	Lopingian (Upper Permian)	Wuchiapingian	Lower Wuchiapingian		
26310	Paleozoic	Permian	Lopingian (Upper Permian)	Wuchiapingian		260.4	253.8
26300	Paleozoic	Permian	Lopingian (Upper Permian)			260.4	251
26232	Paleozoic	Permian	Guadalupian (Middle Permian)	Capitanian	Upper Capitanian		
26231	Paleozoic	Permian	Guadalupian (Middle Permian)	Capitanian	Lower Capitanian		

26230	Paleozoic	Permian	Guadalupian (Middle Permian)	Capitanian		265.8	260.4
26222	Paleozoic	Permian	Guadalupian (Middle Permian)	Wordian	Upper Wordian		
26221	Paleozoic	Permian	Guadalupian (Middle Permian)	Wordian	Lower Wordian		
26220	Paleozoic	Permian	Guadalupian (Middle Permian)	Wordian		268	265.8
26212	Paleozoic	Permian	Guadalupian (Middle Permian)	Roadian	Upper Roadian		
26211	Paleozoic	Permian	Guadalupian (Middle Permian)	Roadian	Lower Roadian		
26210	Paleozoic	Permian	Guadalupian (Middle Permian)	Roadian		270.6	268
26200	Paleozoic	Permian	Guadalupian (Middle Permian)			270.6	260.4
26142	Paleozoic	Permian	Cisuralian (Lower Permian)	Kungurian	Upper Kungurian		
26141	Paleozoic	Permian	Cisuralian (Lower Permian)	Kungurian	Lower Kungurian		
26140	Paleozoic	Permian	Cisuralian (Lower Permian)	Kungurian		275.6	270.6
26132	Paleozoic	Permian	Cisuralian (Lower Permian)	Artinskian	Upper Artinskian		
26131	Paleozoic	Permian	Cisuralian (Lower Permian)	Artinskian	Lower Artinskian		
26130	Paleozoic	Permian	Cisuralian (Lower Permian)	Artinskian		284.4	275.6
26122	Paleozoic	Permian	Cisuralian (Lower Permian)	Sakmarian	Upper Sakmarian		
26121	Paleozoic	Permian	Cisuralian (Lower Permian)	Sakmarian	Lower Sakmarian		
26120	Paleozoic	Permian	Cisuralian (Lower Permian)	Sakmarian		294.6	284.4
26112	Paleozoic	Permian	Cisuralian (Lower Permian)	Asselian	Upper Asselian		
26111	Paleozoic	Permian	Cisuralian (Lower Permian)	Asselian	Lower Asselian		
26110	Paleozoic	Permian	Cisuralian (Lower Permian)	Asselian		299	294.6
26100	Paleozoic	Permian	Cisuralian (Lower Permian)			299	270.6
26000	Paleozoic	Permian				299	251
25232	Paleozoic	Carboniferous	Upper Pennsylvanian	Gzhelian		303.9	299
25231	Paleozoic	Carboniferous	Upper Pennsylvanian	Kasimovian		306.5	303.9
25230	Paleozoic	Carboniferous	Upper Pennsylvanian			306.5	299
25221	Paleozoic	Carboniferous	Middle Pennsylvanian	Moscovian		311.7	306.5
25220	Paleozoic	Carboniferous	Middle Pennsylvanian			311.7	306.5
25211	Paleozoic	Carboniferous	Lower Pennsylvanian	Bashkirian		318.1	311.7
25210	Paleozoic	Carboniferous	Lower Pennsylvanian			318.1	311.7
25200	Paleozoic	Carboniferous	Pennsylvanian			318.1	299
25131	Paleozoic	Carboniferous	Upper Mississippian	Serpukhovian		326.4	318.1
25130	Paleozoic	Carboniferous	Upper Mississippian			326.4	318.1
25121	Paleozoic	Carboniferous	Middle Mississippian	Visean		345.3	326.4
25120	Paleozoic	Carboniferous	Middle Mississippian			345.3	326.4
25111	Paleozoic	Carboniferous	Lower Mississippian	Tournaisian		359.2	345.3
25110	Paleozoic	Carboniferous	Lower Mississippian			359.2	345.3
25100	Paleozoic	Carboniferous	Mississippian			359.2	318.1
25000	Paleozoic	Carboniferous				359.2	299
24320	Paleozoic	Devonian	Upper Devonian	Fammenian		374.5	359.2
24310	Paleozoic	Devonian	Upper Devonian	Frasnian		385.3	374.5
24300	Paleozoic	Devonian	Upper Devonian			385.3	359.2
24220	Paleozoic	Devonian	Middle Devonian	Givetian		391.8	385.3
24210	Paleozoic	Devonian	Middle Devonian	Eifelian		397.5	391.8
24200	Paleozoic	Devonian	Middle Devonian			397.5	385.3
24130	Paleozoic	Devonian	Lower Devonian	Emsian		407	397.5

24120	Paleozoic	Devonian	Lower Devonian	Pragian		411.2	407
24110	Paleozoic	Devonian	Lower Devonian	Lochkovian		416	411.2
24100	Paleozoic	Devonian	Lower Devonian			416	397.5
24000	Paleozoic	Devonian				416	359.2
23400	Paleozoic	Silurian	Pridoli			418.7	416
23320	Paleozoic	Silurian	Ludlow	Ludfordian		421.3	418.7
23310	Paleozoic	Silurian	Ludlow	Gorstian		422.9	421.3
23300	Paleozoic	Silurian	Ludlow			422.9	418.7
23220	Paleozoic	Silurian	Wenlock	Homerian		426.2	422.9
23210	Paleozoic	Silurian	Wenlock	Sheinwoodian		428.2	426.2
23200	Paleozoic	Silurian	Wenlock			428.2	422.9
23130	Paleozoic	Silurian	Llandovery	Telychian		436	428.2
23120	Paleozoic	Silurian	Llandovery	Aeronian		439	436
23110	Paleozoic	Silurian	Llandovery	Rhuddanian		443.7	439
23100	Paleozoic	Silurian	Llandovery			443.7	428.2
23000	Paleozoic	Silurian				443.7	416
22330	Paleozoic	Ordovician	Upper Ordovician	Hirnantian		445.6	443.7
22320	Paleozoic	Ordovician	Upper Ordovician	Upper Ordovician 2		455.8	445.6
22310	Paleozoic	Ordovician	Upper Ordovician	Upper Ordovician 1		460.9	455.8
22300	Paleozoic	Ordovician	Upper Ordovician			460.9	443.7
22220	Paleozoic	Ordovician	Middle Ordovician	Darriwilian		468.1	460.9
22210	Paleozoic	Ordovician	Middle Ordovician	Middle Ordovician 1		471.8	468.1
22200	Paleozoic	Ordovician	Middle Ordovician			471.8	460.9
22120	Paleozoic	Ordovician	Lower Ordovician	Lower Ordovician 2		478.6	471.8
22110	Paleozoic	Ordovician	Lower Ordovician	Tremadocian		488.3	478.6
22100	Paleozoic	Ordovician	Lower Ordovician			488.3	471.8
22000	Paleozoic	Ordovician				488.3	443.7
21320	Paleozoic	Cambrian	Furongian (Upper Cambrian)	Upper Cambrian 2			
21310	Paleozoic	Cambrian	Furongian (Upper Cambrian)	Paibian			
21300	Paleozoic	Cambrian	Furongian (Upper Cambrian)			501	488.3
21220	Paleozoic	Cambrian	Middle Cambrian	Middle Cambrian 2			
21210	Paleozoic	Cambrian	Middle Cambrian	Middle Cambrian 1			
21200	Paleozoic	Cambrian	Middle Cambrian			513	501
21120	Paleozoic	Cambrian	Lower Cambrian	Lower Cambrian 2			
21110	Paleozoic	Cambrian	Lower Cambrian	Lower Cambrian 1			
21100	Paleozoic	Cambrian	Lower Cambrian			542	513
21000	Paleozoic	Cambrian				542	488.3
20000	Paleozoic					542	251
13300	Neoproterozoic	Ediacaran				630	542
13200	Neoproterozoic	Cryogenian				850	630
13100	Neoproterozoic	Tonian				1000	850
13000	Neoproterozoic					1000	542
12300	Mesoproterozoic	Stenian				1200	1000
12200	Mesoproterozoic	Ectasian				1400	1200
12100	Mesoproterozoic	Calymmian				1600	1400

12000	Mesoproterozoic					1600	1000
11400	Paleoproterozoic	Statherian				1800	1600
11300	Paleoproterozoic	Orosirian				2050	1800
11200	Paleoproterozoic	Rhyacian				2300	2050
11100	Paleoproterozoic	Siderian				2500	2300
11000	Paleoproterozoic					2500	1600
4000	Neoproterozoic					2800	2500
3000	Mesoarchean					3200	2800
2000	Paleoarchean					3600	3200
1000	Eoarchean					(not defined)	3600