

Geologic Time Scale

| ERA | PERIOD | EPOCH | STAGE | Ma* | ERA | PERIOD | EPOCH | STAGE | Ma* | | |
|----------|-----------|---|---|--|--|---|---------------------------------|--------------------------------|--|-----------------------|-----------|
| CENOZOIC | NEOGENE | HOLOCENE | | 0.01 | PALEOZOIC | PERMIAN | | CHANGHSINGIAN WUCHIAPINGIAN | 2510.0±0.4 | | |
| | | PLEISTOCENE | LATE MIDDLE EARLY | 1.81 | | | LOPINGIAN | 260.4±0.7 | | | |
| | | PLIOCENE | GELASIAN PIACENZIAN ZANCLEAN | 5.33 | | | GUADALUPIAN | 270.6±0.7 | | | |
| | MIOCENE | MESSINIAN TORTONIAN SERRAVALLIAN LANGHIAN BURDIGALIAN AQUITANIAN | 23.03 | CISURALIAN | | KUNGURIAN ARTINSKIAN SAKMARIAN ASSELIAN | 299.0±0.8 | | | | |
| | | OLIGOCENE | CHATTIAN RUPELIAN | | | 33.9±0.1 | PENNSYLVANIAN | UPPER | GZHELIAN KASIMOVIAN | 306.5±1.0 | |
| | | EOCENE | PRIABONIAN BARTONIAN LUTETIAN YPRESIAN | | | 55.8±0.2 | | MIDDLE | MOSCOVIAN | 311.7±1.1 | |
| | PALEOCENE | | THANETIAN SELANDIAN DANIAN | 65.5±0.3 | | LOWER | | BASHKIRIAN | 318.1±1.3 | | |
| | MESOZOIC | CRETACEOUS | UPPER | MAASTRICHTIAN CAMPANIAN SANTONIAN CONIACIAN TURONIAN CENOMANIAN | | 99.6±0.9 | MISSISSIPPIAN | UPPER | SERPUKHOVIAN | 318.1±1.3 | |
| | | | | LOWER | | ALBIAN APTIAN BARREMIAN HAUTERIVIAN VALANGINIAN BERRIASIAN | | 145.5±4.0 | MIDDLE | WISEAN | 326.4±1.6 |
| | | | | | | JURASSIC | | UPPER | TITHONIAN KIMMERIDGIAN OXFORDIAN | 161.2±4.0 | LOWER |
| MIDDLE | | | | | CALLOVIAN BATHONIAN BAJOCIAN AALENIAN | | 175.6±2.0 | DEVONIAN | UPPER | FAMENNIAN FRASNIAN | 359.2±2.5 |
| LOWER | | | | | TOARCIAN PLIENSCHACHIAN SINEMURIAN HETTANGIAN | | 199.6±0.6 | | MIDDLE | GIVETIAN EIFELIAN | 385.3±2.6 |
| | | TRIASIC | UPPER | RHAETIAN NORIAN CARNIAN | 228.0±2.0 | LOWER | EMSIAN PRAGIAN LOCHKOVIAN | | 397.5±2.7 | | |
| TRIASSIC | | MIDDLE | LADINIAN ANISIAN | 245.0±1.5 | SILURIAN | PRIDOLI | | 416.0±2.8 | | | |
| | | LOWER | OLENEKIAN INDUAN | 251.0±0.4 | | LUDLOW | LUDFORDIAN GORSTIAN | 418.7±2.7 | | | |
| | | | | | | | WENLOCK | HOMERIAN SHEINWOODIAN | 422.9±2.5 | | |
| | | | | | LLANDOVERY | TELYCHIAN AERONIAN RHUDDANIAN HIRNANTIAN | 428.2±2.3 | | | | |
| | | | | ORDOVICIAN | UPPER | | 443.7±1.5 | | | | |
| | | | | | MIDDLE | DARRIWLIAN | 460.9±1.6 | | | | |
| | | | | CAMBRIAN | LOWER | TREMADOCIAN | 471.8±1.6 | | | | |
| | | | | | FURONGIAN | PAIBIAN | 488.3±1.7 | | | | |
| | | | | | MIDDLE | | 501.0±2.0 | | | | |
| | | | | | LOWER | | 513.0±2.0 | | | | |
| | | | | | | | 542.0±1.0 | | | | |

*Millions of years ago