Name:

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| --- | --- | --- | --- |
| Event | Number of Years Ago | Predicted Date on Cosmic Calendar | Actual Date on Cosmic Calendar |
| The Big Bang | 13.7 billion |  | Jan. 1, 12 am |
| The formation of first neutral atoms | 13.7 billion (400,000 years after the BB) |  | Jan 1, 12:15 am |
| Formation of first stars and galaxies | ~13 billion |  |  |
| Formation of the thin disk of the Milky Way Galaxy | ~9 billion |  |  |
| Formation of the Solar System | 4.56 billion |  |  |
| Formation of the Moon | ~4.5 billion |  |  |
| Birth of life on Earth | ~3.8 billion |  |  |
| First cells develop on Earth | ~2 billion |  |  |
| First vertebrates (creatures with backbones) | ~520 million |  |  |
| First dinosaurs | 230 million |  |  |
| First mammals | ~200 million |  |  |
| Death of dinosaurs from giant impact | 65 million |  |  |
| First bipedal hominids (human-like creatures walking on two legs) | ~4 million |  |  |
| First humans (homo sapiens) | 200,000 |  |  |
| Development of agriculture (farming) | ~10,000 |  |  |
| Development of the wheel for transportation | ~6500 |  |  |
| Invention of the telescope | 400 |  |  |
| Right now | 0 |  | Dec. 31, 11:59.59 pm |

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| --- | --- |
| The Big Bang | The Big Bang |
| The formation of first neutral atoms | The formation of first neutral atoms |
| Formation of first stars and galaxies | Formation of first stars and galaxies |
| Formation of the thin disk of the Milky Way Galaxy | Formation of the thin disk of the Milky Way Galaxy |
| Formation of the Solar System | Formation of the Solar System |
| Formation of the Moon | Formation of the Moon |
| Birth of life on Earth | Birth of life on Earth |
| First cells develop on Earth | First cells develop on Earth |
| First vertebrates (creatures with backbones) | First vertebrates (creatures with backbones) |
| First dinosaurs | First dinosaurs |
| First mammals | First mammals |
| Death of dinosaurs from giant impact | Death of dinosaurs from giant impact |
| First bipedal hominids (human-like creatures walking on two legs) | First bipedal hominids (human-like creatures walking on two legs) |
| First humans (homo sapiens) | First humans (homo sapiens) |
| Development of agriculture (farming) | Development of agriculture (farming) |
| Development of the wheel for transportation | Development of the wheel for transportation |
| Invention of the telescope | Invention of the telescope |
| Right now | Right now |