|  |  |  |
| --- | --- | --- |
| **Miocene Epoch Begins** | **Antarctica Separates from Australia and South America** | **The N. American tectonic plate pushes material up as it collides with the Pacific plate, creating the St. Elias Mountains** |
| **Surveyor Channel submarine fan forms distributing sediments fron onshore Alaska to deep waters in the Gulf of Alaska** | **African plate collides with Europe** | **Pliocene Epoch begins** |

|  |  |  |
| --- | --- | --- |
| **Tidewater glaciers form in the St. Elias Mountains** | **North America and South America join at Panama allowing migration of animals.** | **Arctic ice cap forms** |
| **Pleistocene Epoch begins. A period of global cooling begins** | **Glaciers start to advance in the N. Hemisphere; North Cordilleran ice sheet advances over S. Alaska and Pacific Northwest** | **Glacial Erosion on land in S. Alaska becomes more intense** |

|  |  |  |
| --- | --- | --- |
| **Hominids use stone tools** | **Uplift of Chugach and St. Elias Mountains in Alasks increases** | **Beginning of Menapian glacial period** |
| **End of Menapian glacial period** | **Beginning of Pre-Ilonian glacial period** | **End of Pre-Ilonian glacial period** |

|  |  |  |
| --- | --- | --- |
| **Hominids use fire** | **Beginning of Ilonian glacial period. Laurentide ice sheet covers 85% of Illinois** | **Homo Sapiens appears** |
| **End of Illonian glacial period** | **Beginning of Wisconsin glacial period, the most recent advance of N. American glaciers** | **Last Glacial Maximum begins – ice sheets are at their thickest and**  **sea levels at their lowest** |
| **Sea level begins to rise as ice sheets and glaciers begin to melt** | **End of Wisconsin glacial period** | **Holocene Epoch begins. Beginning of current interglacial period.** |
| **Beginning of agriculture** | **Sea level reaches modern-day levels** | **Beginning of “Little Ice Age,” crop failures, famine are widespread** |