

Timeline Organizer Part B.

Millions of Years Ago	Event
23	Start of the Miocene Epoch.
14	Antarctica separates from Australia and South America
10	The N. American tectonic plate pushes material up as it collides with the Pacific plate, creating the St. Elias Mountains
6.5	Surveyor Channel submarine fan forms distributing sediments from onshore Alaska to deep waters in the Gulf of AK
6	African plate collides with Europe
5.3	Pliocene Epoch begins
4.5	Tidewater glaciers form in the St. Elias Mountains
4	North America and South America join at Panama allowing migration of animals
3	Arctic ice cap forms
2.6	Pleistocene Epoch begins. A period of global cooling begins.
2.6	Glaciers start to advance in the N. hemisphere; Northern Cordilleran ice sheet (NCIS) advances over S. Alaska and the Pacific Northwestern U.S.
2.6	Glacial erosion on land in S. Alaska becomes more intense
2	Hominids use stone tools
1	Uplift of the Chugach & St. Elias Mountains in S. Alaska increases
0.68	Beginning of Menapian glacial period
0.62	End of Menapian glacial period
0.45	Beginning of Pre-Illonian glacial period
0.38	End of Pre-Illonian glacial period
0.3	Hominids use fire.
0.20	Beginning of Illinoian glacial period. Laurentide ice sheet covers ~85% of Illinois.
0.16	Homo Sapiens appears
0.13	End of Illinoian glacial period
0.11	Beginning of Wisconsin glacial period, the most recent major advance of N. American glaciers
0.024	Last Glacial Maximum begins – ice sheets

	are at their thickest and sea levels at their lowest. Icehouse world
0.019	Sea level begins to rise as ice sheets and glaciers begin to melt
0.012	End of Wisconsin glacial period
0.011	Holocene Epoch begins. Beginning of current interglacial period.
0.01	Beginning of agriculture
0.007	Sea level reaches modern-day levels
0.00005	Beginning of "Little Ice Age," crop failures, famine are widespread
0.000025	Industrial Revolution begins, CO2 levels begin rising