

Map 29

New England & Brookfield 520 Million Years Ago to Present (Four Overlays)

Map 29 shows New England with Brookfield labeled with the light, leading back 520 million years ago. Starting with all the overlays flipped up you will see present-day New England. As you flip the overlay down Brookfield will always be in the same location on the map. With one overlay flipped down you will see New England, as it was 520 million years before people. At that time New England was 1500 feet below the ocean, then rising to shallower water off shore (*labeled in different shades of blue*). Found around the coast are volcanoes. These volcanoes show the split in the tectonic plates. As these volcanoes were active and growing, they created land rising through the surface of the deep seas. There was another piece of land above the sea level in northern New York, which consisted of only sand.

The next overlay shows New England, as it was 415 million years before people. During this time period you will find more desert surfacing as well as more volcanoes along the coast and in northern New Hampshire and Maine.

As you drop the next overlay you will see New England, as it was 300 million years before people. You will find new islands, one around Nashua, New Hampshire, and one around Boston, Massachusetts. Also you will see more volcanoes in Connecticut and Rhode Island.

When you flip the last overlay down you will see New England, as it was 200 million

Map 29 continued

years before people. Now New England had nearly completely surfaced above the sea. Also you will see mountains, which were crafted from the impact of Africa when it crashed into North America and rippled the land. Also found is desert and still some sea/lake. Another feature that goes along with this map is that the Appalachian Mountains used to be the tallest mountains in the world. The reason the Appalachian reduced in size was either from erosion or a huge tidal wave. The reason for this discovery was from pieces or remnants of the Appalachians found in the Grand Canyon (*Explained in more detail by a document on the back of the map*).

Page 2 of 2

Sponsored by: Ralph and Diane Mundell

Tyler Latour, Russell Emerson
1/26/10