**Speeds of various phenomena for the Timescales Timeline**

SLOWEST

Fingernail growth ~ 3.5mm/month or 1.3 x10-9m/s

Growth of a child (height) ~ 6cm/year or 1.9 x10-9m/s

Hair growth ~ 0.6-3.4 cm/month or 2x10-9 – 1.3x10-8m/s

Sunflower growth ~ 2.5mm/day or 3x10-8m/s

Grass growth ~ 3cm/week or 5 x10-8m/s

Bamboo growth up to ~ 91cm/day or 1x10-5m/s

Icicle length growth rate ~ 4-22cm/hr or 1. 1x10-5 – 6. 1x10-5 m

The tide moving in/out ~ 0.6m/hr or 8.3x10-5m/s

Magma ascent rate ~ 0.001-0.015m/s

Snail movement ~ 0.047km/hr or 0.013m/s

Sloth walking on the ground ~ 3m/minute or 0.05m/s

Tortoise ~ 0.63mph or 0.3m/s

Walking ~ 2mph or 1m/s

Running ~ 6mph or 3m/s

Car (on an A road) ~50mph or 22m/s

Cheetah ~ 90km/hr or 25m/s

Peregrine falcon diving (fastest bird) ~ 390km/hr or 110m/s

Aeroplane flight ~ 580mph or 160m/s

Speed of sound in air ~343m/s

Speed of seismic waves in the crust and mantle ~3000-6000m/s

FASTEST