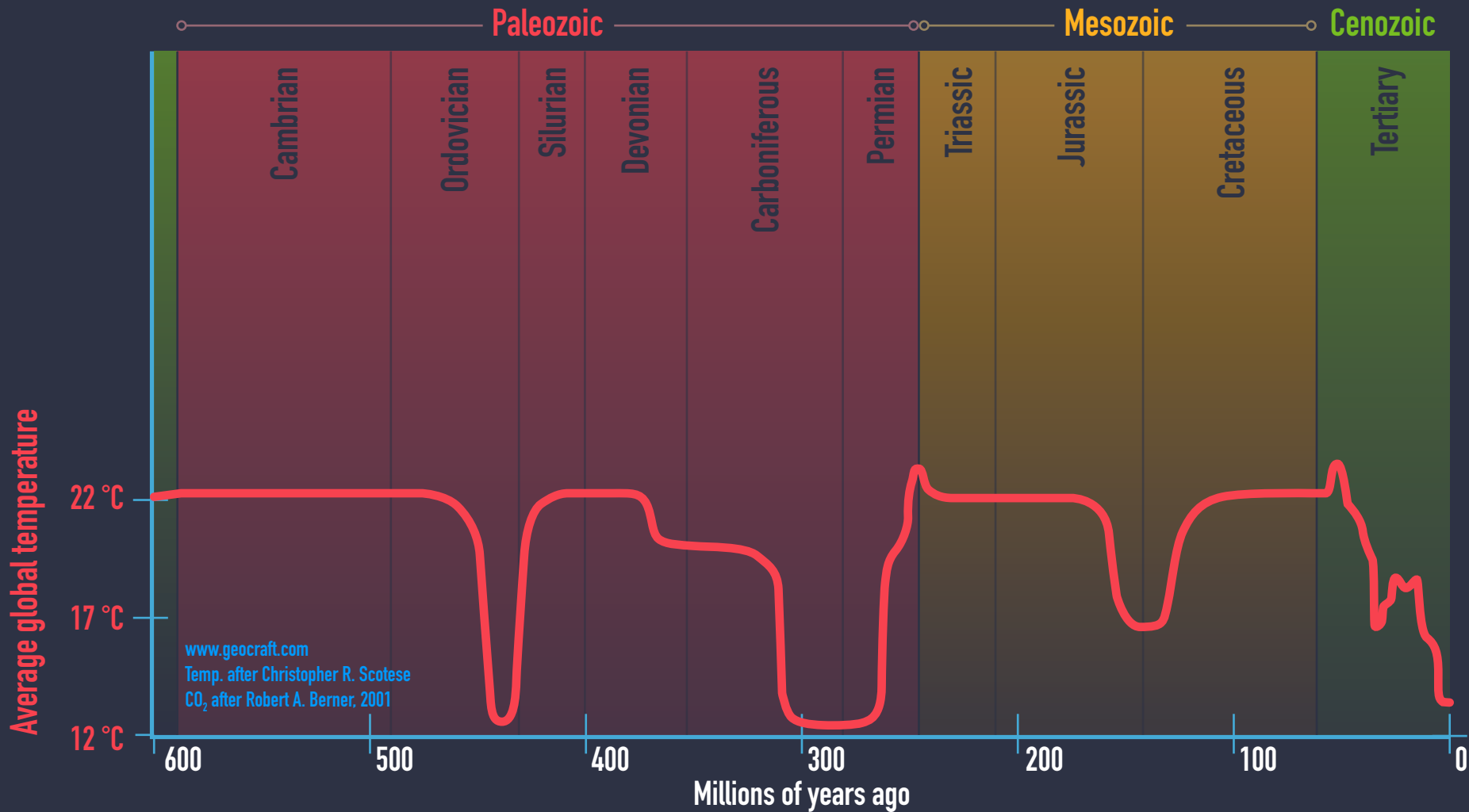


N° 1 THE WORLD OF CLIMATE CHANGE



600 million years of global temperature change



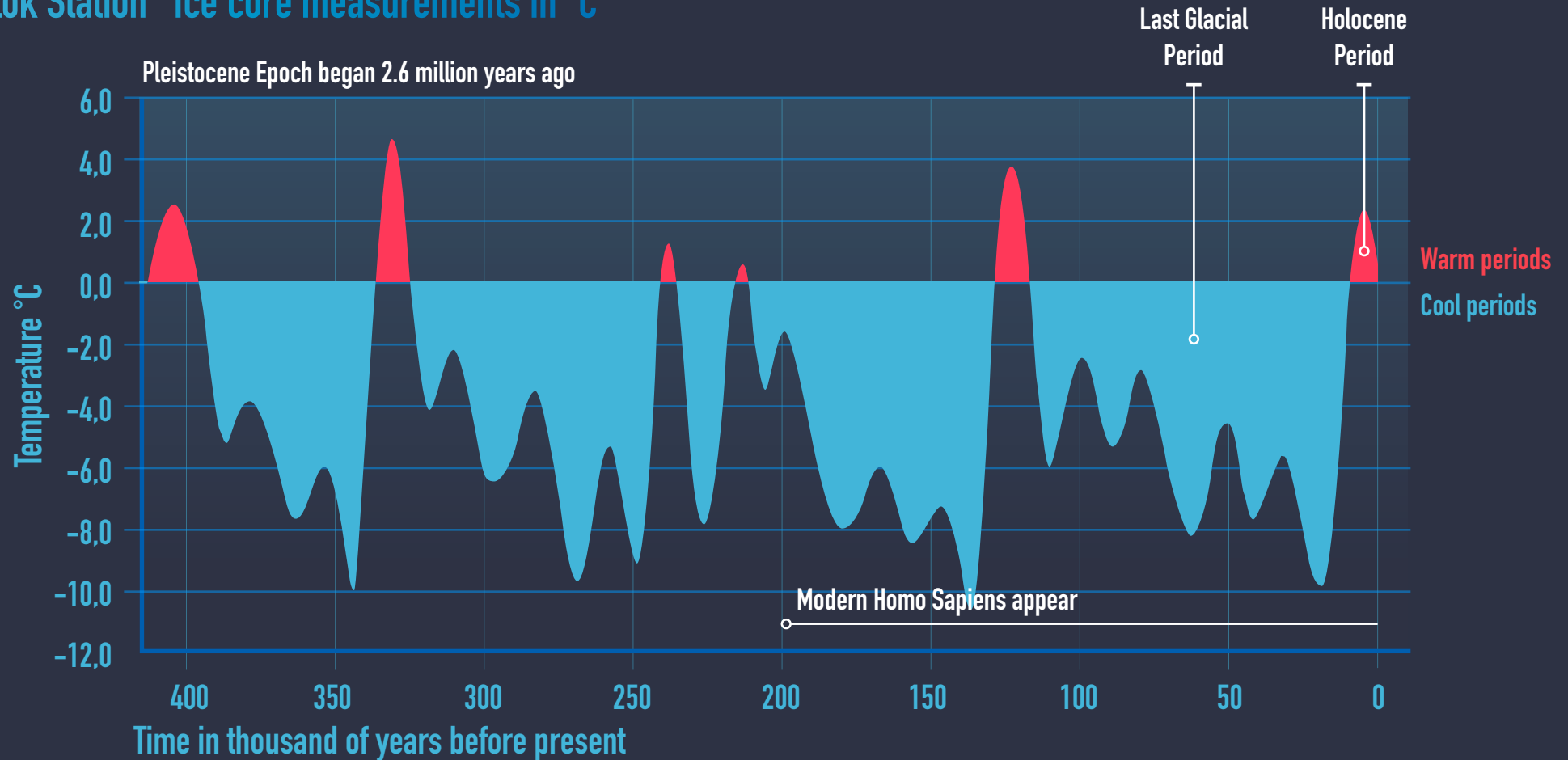
Reference: <https://edberry.com/blog/climate/climate-physics/temperature-and-co2-history/>

N° 2 THE WORLD OF CLIMATE CHANGE



Earth's temperature record for the last 400,000 years

Vostok Station* ice core measurements in °C

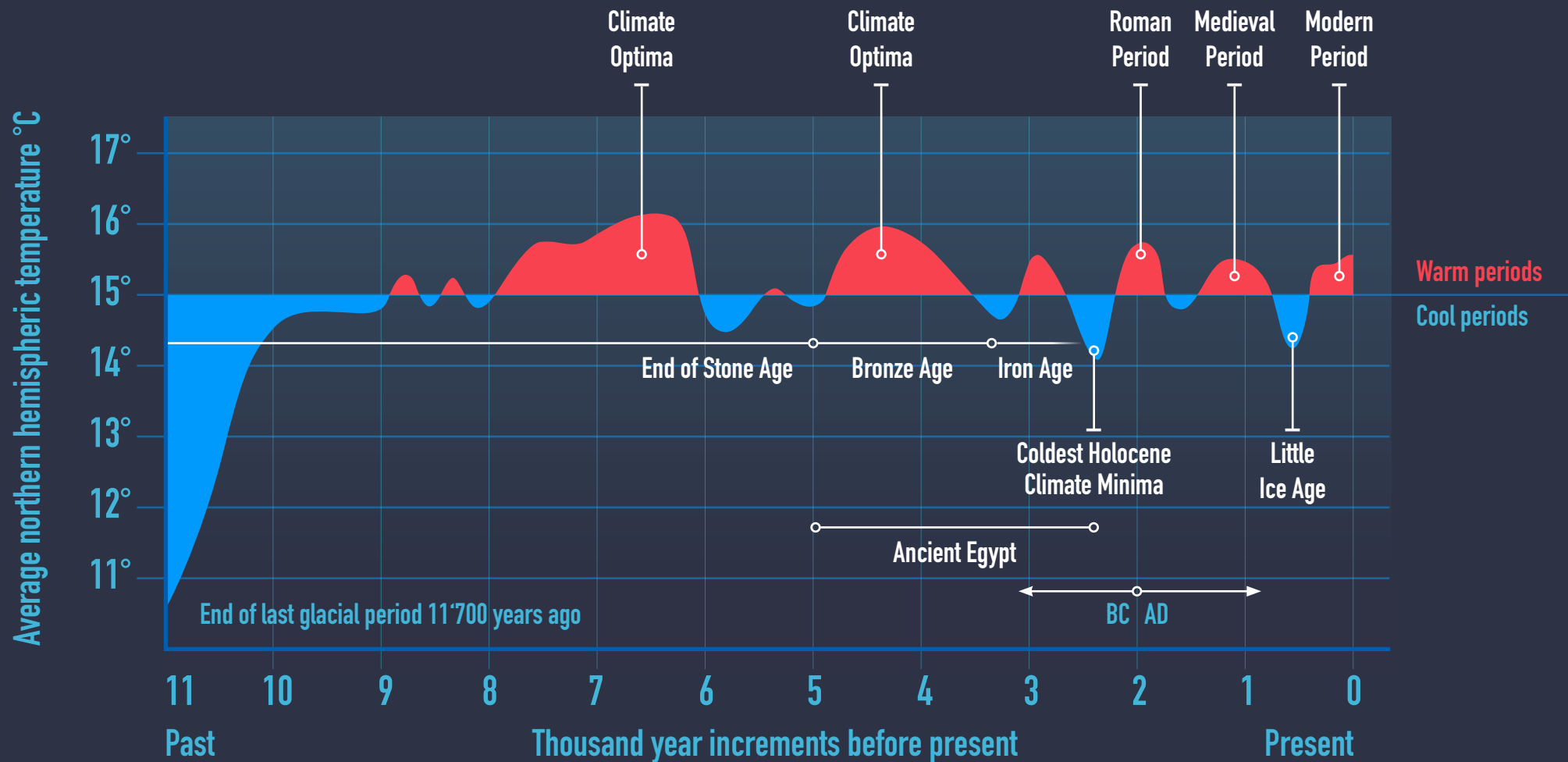


* Vostok Station, Country Russia, located in Antarctica, established on 16.12.1957, Elevation 3,489 m (78°27'50'S 106°50'15'E)

Reference: <https://edberry.com/blog/climate/climate-physics/temperature-and-co2-history/>

N° 3 THE WORLD OF CLIMATE CHANGE

Holocene period and average northern hemispheric temperatures



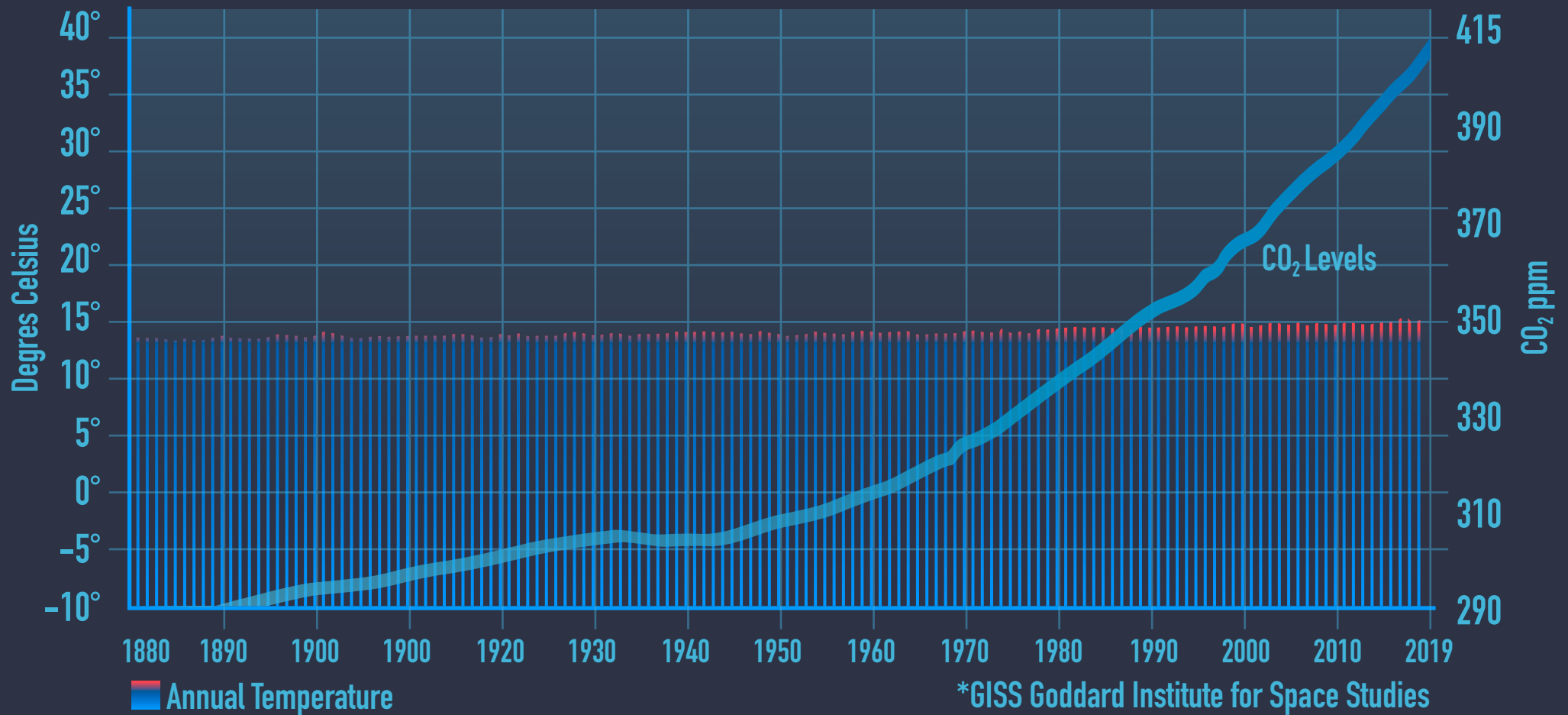
Reference: <https://notrickszone.com> (Climate Chart of Christian Dietrich Schönwiese)

N° 4 THE WORLD OF CLIMATE CHANGE



140 years of global mean temperature

GISS* annual global mean temperatures in °C



*GISS Goddard Institute for Space Studies

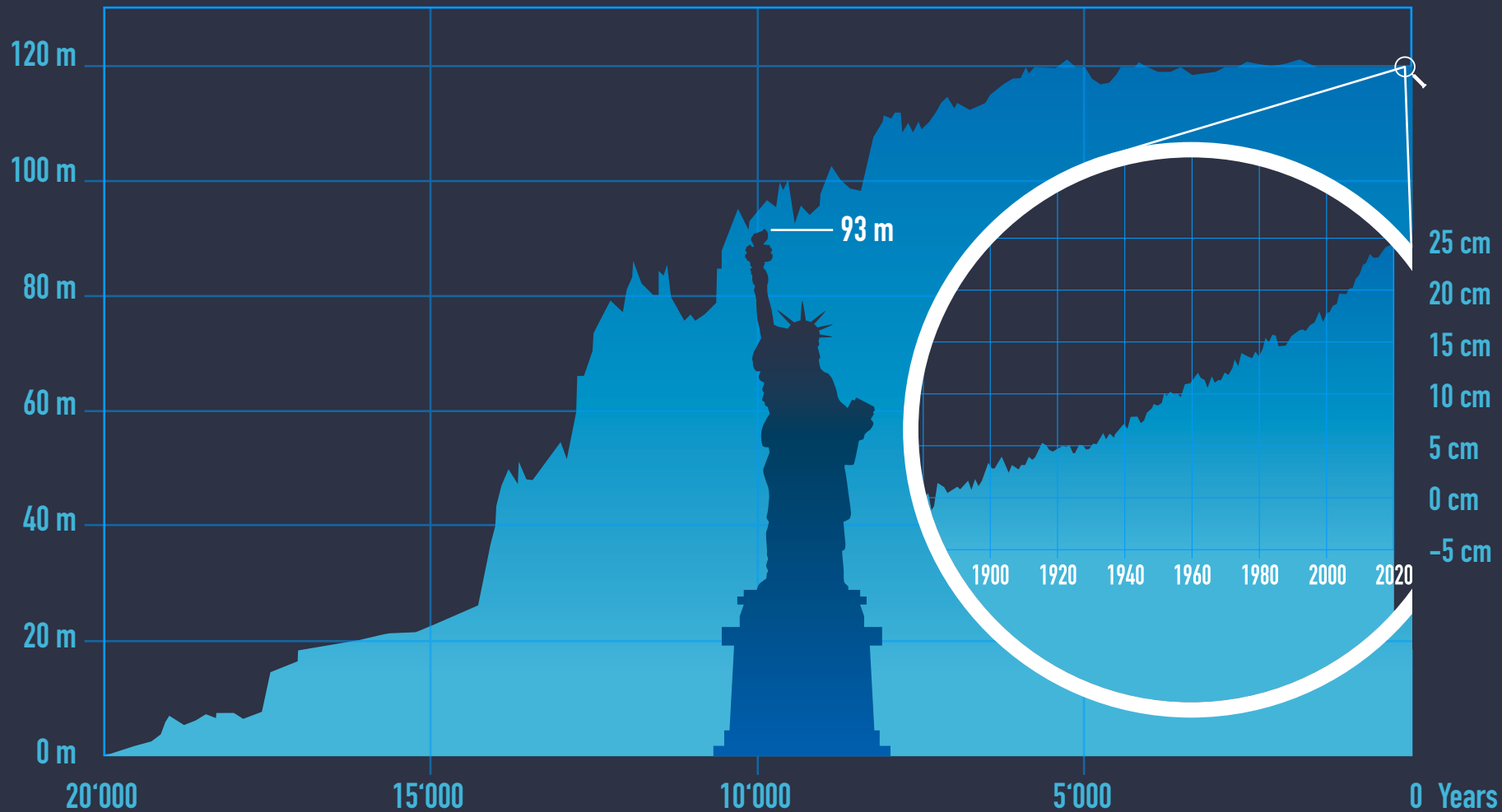
Reference: https://data.giss.nasa.gov/gistemp/taledata_v3/GLB.Ts+dSST.txt

N° 5 THE WORLD OF CLIMATE CHANGE

*120 m of sea level rise over the past 20'000 years.

** Rise of 3.3 mm per year

25 cm of sea level
rise since 1880

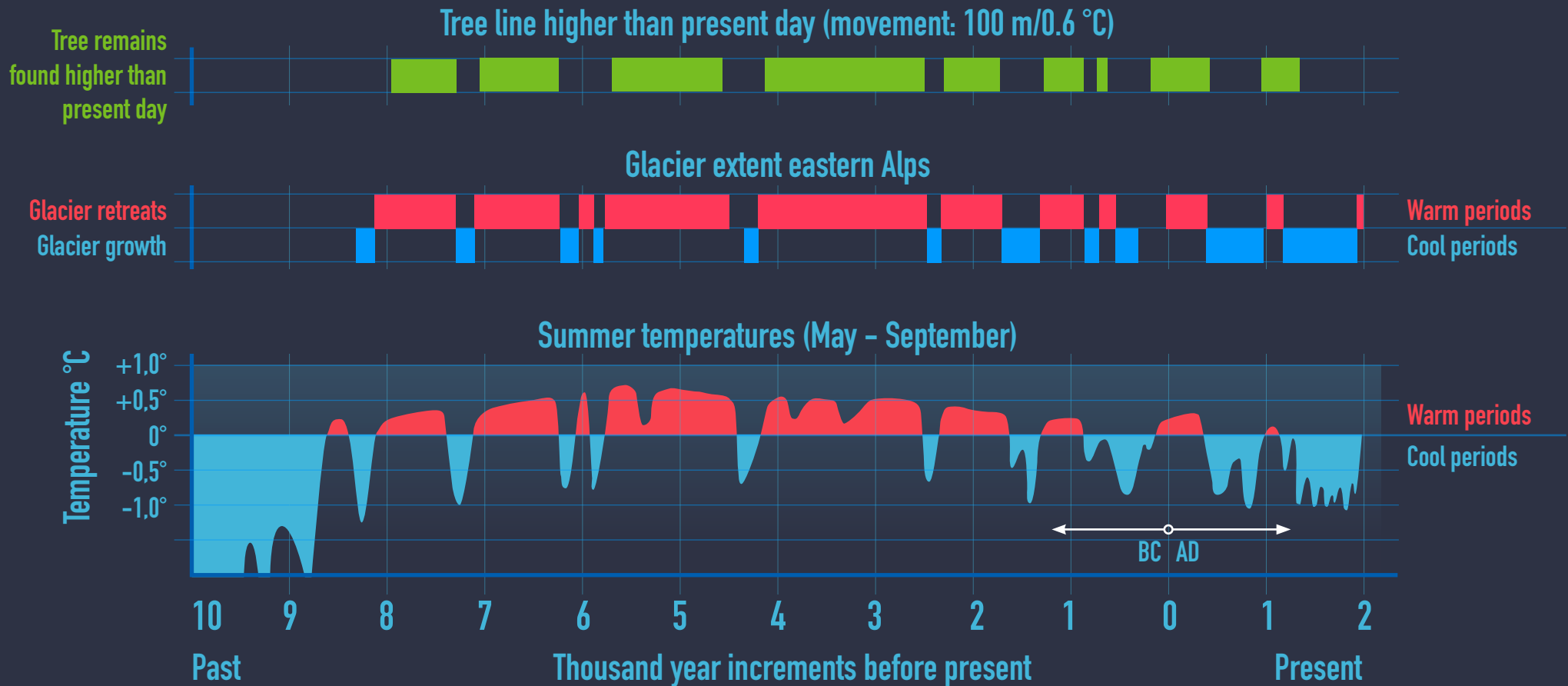


Reference: *https://newmapsforoldtimes.com/wiki/Global_sea_levels **<https://climate.nasa.gov/vital-signs/sea-level/>

N° 6 THE WORLD OF CLIMATE CHANGE

Eastern European alpine glacier history during the Holocene period.

Earlier warming periods led to the complete melting of many eastern European glaciers, allowing trees to grow at much higher altitudes than today.



Reference: <https://klausalpen.beepworld.de/temperaturhistorie.htm> (Gernot Patzelt / PhD in Geography from the University of Innsbruck.)