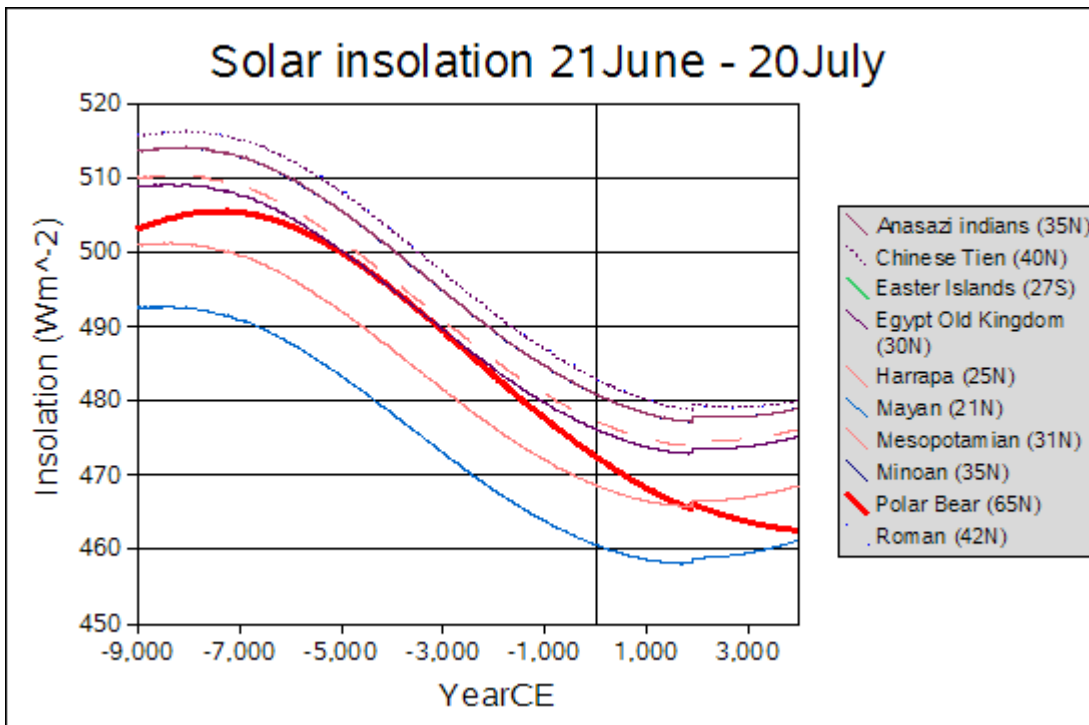
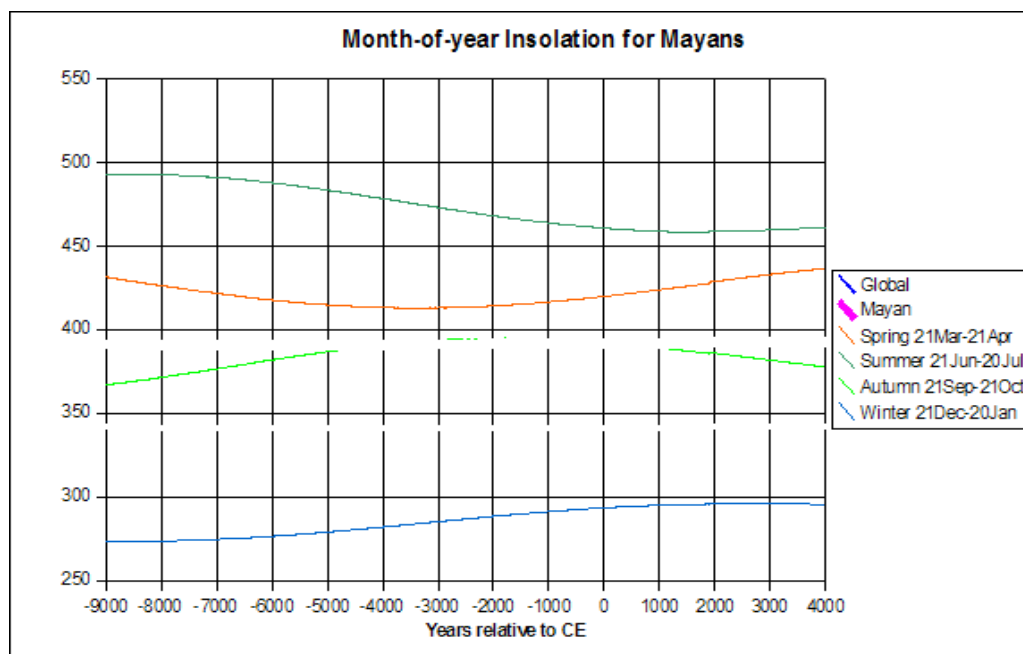


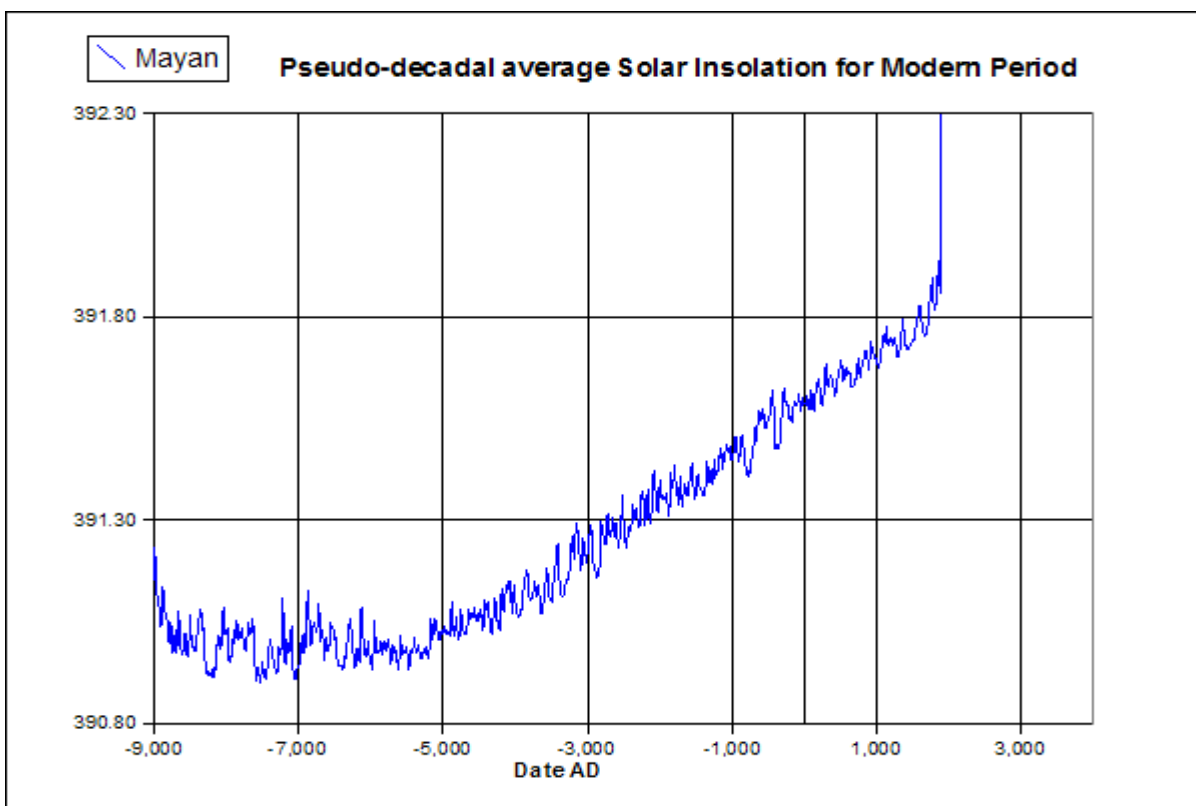
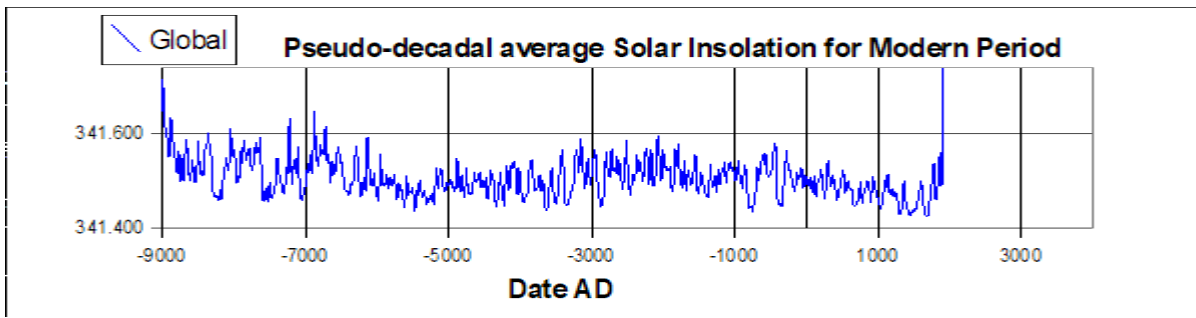
Initial graphs on the Solar influence on civilisations



The "jumps or blips" are due to assuming solar irradiance = $1368 Wm^{-2}$ from 1895 on - must update some time.

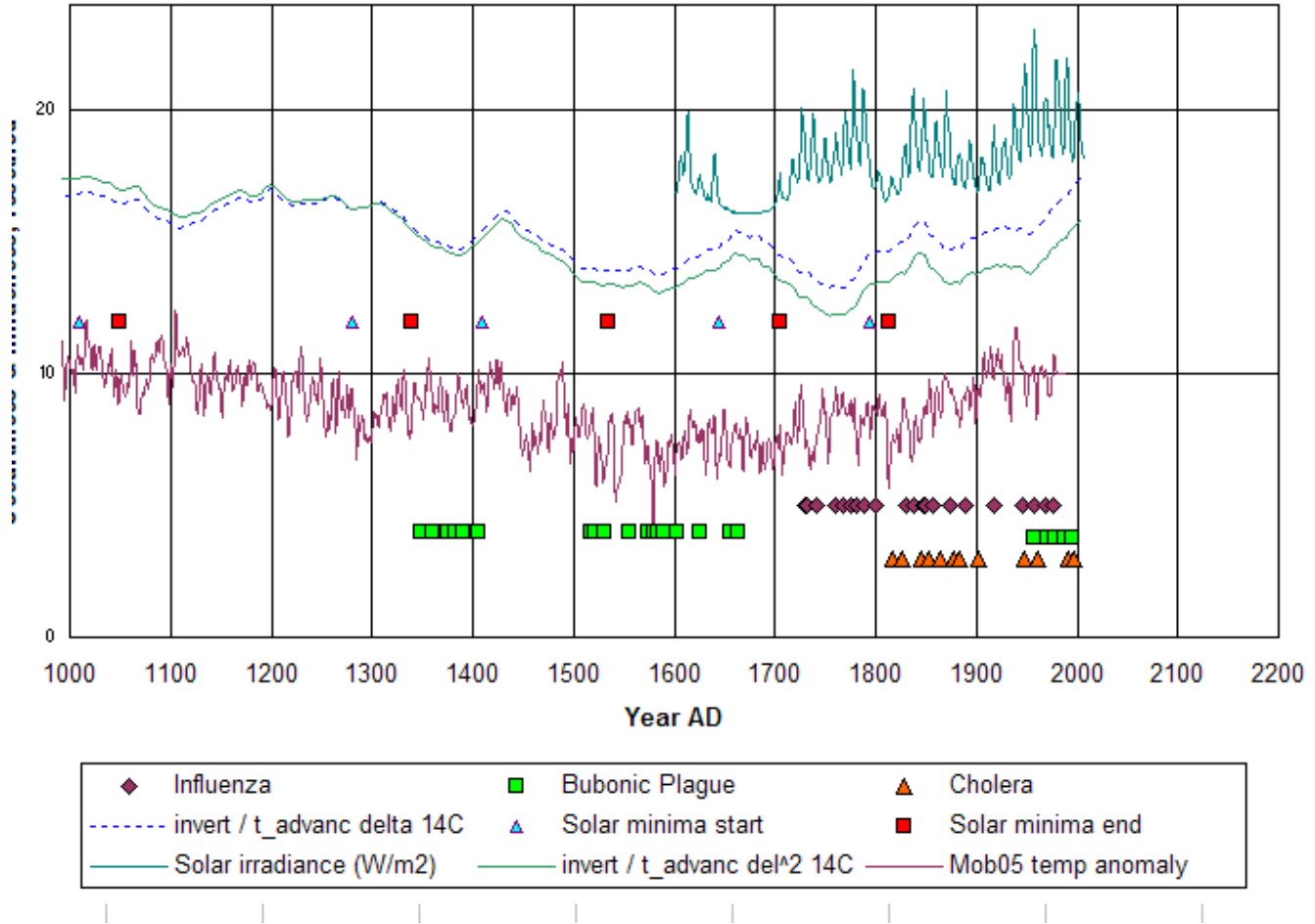
Easter Islands is in the Southern Hemisphere - different y-axis scale for Jun-Jul



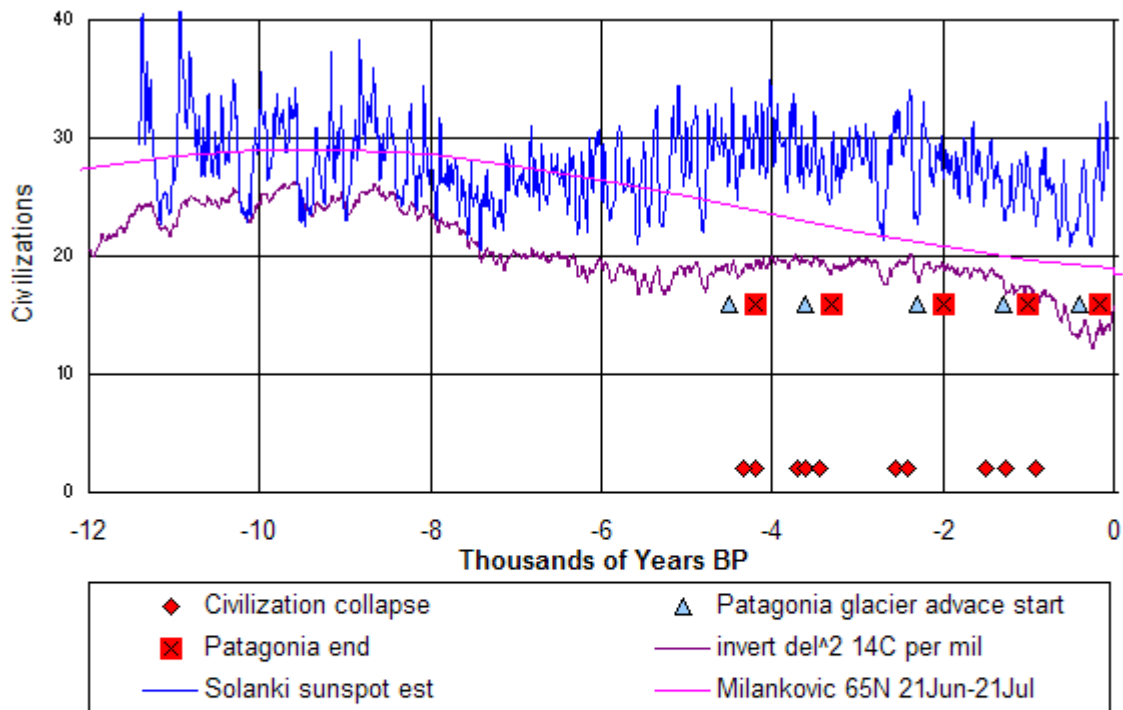


Is the "linear rise" in "unsquashed" (sort of decadal beefed up to annual variability) decadal average insolation real, or an error of data treatment? (to check later) Graphs "scaled" to show same sized peaks on global and regional graphs.

Earlier graphs!



Solar irradiance (W/m2) scale:		delta_14C_scrunched = base_C1000 + gain_C1000 * Delta_14C_per_mil		Mob05_temp = base_Mob05 + gain_Mob05 * Mob05_anomaly	
advanced_solar => solar_scrunched is plotted t_shift_solar years later		advanced_delta_14C => delta_14C_scrunched is plotted t_shift14C years later		lagged_Mob05_temp => Mob05_scrunched plotted t_shift_Mob05 years earlier	
t_shift_solar	0 years	t_shift14C	0 years	t_shift_Mob05	0 years
graph base	18	base_C1000	15	base_Mob05	10
graph gain	4	gain_C1000	0.1	gain_Mob05	5
average	1365.5427 1600-present				



del14C rel = base + gain*del14C		sunspot		Solanki es		Milankovic 65N 21Jun-21Jul	
	del14C scrunch d	del^2 14C scrunch d		sunspot scrunch d			
gain	0.02	0.1	base_sunspot	22	intercept_i	430	
base	10	20	gain_sunspot	0.2	intercept_i	10	
time shift	n/a	n/a	t_shift_sunspot	0	slope	0.25	was =(30-20)/(540-430)