

G7SST1-cirrus (GeoMIP)	
<i>SSTs from year 2020 of SSP5-8.5; forcings and other prescribed conditions from year 2020 of SSP5-8.5 + cirrus thinning</i>	
Description: Time slice at year 2020 of GeoMIP G7cirrus. Run for 10 years.	
Rationale: To assess radiative forcing of G7cirrus at the beginning of the simulation (2020).	
Requirements	
RCP85 Forcing: Impose RCP8.5 forcing. Additional Requirements: <ul style="list-style-type: none"> • Representative Concentration Pathway 8.5 Well Mixed Greenhouse Gases • Representative Concentration Pathway 8.5 Short Lived Gas Species • Representative Concentration Pathway 8.5 Aerosols • Representative Concentration Pathway 8.5 Aerosol Precursors • Representative Concentration Pathway 8.5 Land Use for Shared Socioeconomic Pathway 5 	Increase Cirrus Sedimentation Velocity: Add a local variable that replaces (in all locations where temperature is colder than 235K) the ice mass mixing ratio in the calculation of the sedimentation velocity with a value that is eight times the original ice mass mixing ratio. Cirrus seeding to begin in 2020 and continue through to the year 2100.
SSP5-85 SST 2020: Sea surface temperature climatology calculated from the ScenarioMIP SSP5-85 experiment for the year 2020.	SSP5-85 SIC 2020: Sea ice concentration climatology calculated from the ScenarioMIP SSP5-85 experiment for the year 2020.
SSP5-85Initialisation2020: Initialisation is from the beginning of year 2020 of the SSP5-8.5 experiment.	AGCM Configuration: An Atmosphere only general circulation model configuration.
2020-2029 10yrs: Timeslice, begin in 2020 and run for 10 years.	SingleMember: One ensemble member