Table 1. ORAS5 variables as monthly mean 3D fields

Variable names	Variable long names and units
votemper	Potential Temperature [C]
vosaline	Salinity [psu]
vozocrtx	Zonal Velocity [m/s]
vomecrty	Meridional Velocity [m/s]
vozocrte	Zonal Velocity [m/s] rotated to E-W
vomecrtn	Meridional Velocity [m/s] rotated to N-S

Table 2. ORAS5 variables as monthly mean 2D fields

Variable names	Variable long names and units
sosstsst	Sea Surface Temperature [C]
sosaline	Sea Surface Salinity [PSU]
sossheig	Sea Surface Height [m]
iicevelu	Sea Ice zonal velocity [m/s]
iicevelv	Sea Ice meridional velocity [m/s]
ileafrac	Sea Ice Concentration
iicethic	Sea Ice Thickness [m]
somxl010	Mixed Layer Depth 0.01 [m]
sohefldo	Net Downward Heat Flux [W/m^2]
sowaflup	Net Upward Water Flux [$Kg/m^2/s$]
sozotaux	Wind Stress along i-axis [N/m^2]
sometauy	Wind Stress along j-axis [N/m^2]
sohtc300	Ocean Heat Content for the upper 300m [J/m^2]
sohtc700	Ocean Heat Content for the upper 700m [J/m^2]
sohtcbtm	Ocean Heat Content for the total water column [J/m^2]
so20chgt	Depth of 20C isotherm [m]