parameter name	unit	array type	description
lon_grid_map_XX	degrees	1-D	longitude coordinate for global maps
lat_grid_map_XX	degrees	1-D	latitude coordinate for global maps
z_grid_map_XX	km	1-D	altitude coordinate for global maps
gwmf_map_clim_XX_Pa	Pa	4-D (lon, lat, z, month)	climatological global maps of gravity wave momentum fluxes (12 average calendar months)
gwmf_map_clim_XX_m2s2	$m^2\,s^{-2}$	4-D (lon, lat, z, month)	same, but in units of $m^2\,s^{-2}$
gw_temp_var_map_clim_XX	K^2	4-D (lon, lat, z, month)	climatological global maps of gravity wave temperature variances (12 average calendar months)
gw_temp_ampsq_single_map_clim_XX	K^2	4-D (lon, lat, z, month)	climatological global maps of gravity wave squared amplitudes of single altitude profiles (12 average calendar months)
gw_temp_ampsq_mfpairs_map_clim_XX	K^2	4-D (lon, lat, z, month)	climatological global maps of gravity wave squared amplitudes of pairs that are used to estimate momentum fluxes (12 average calendar months)
gw_Epot_single_var_map_clim_XX	$J\,kg^{-1}$	4-D (lon, lat, z, month)	climatological global maps of gravity wave potential energies calculated from variances based on single altitude profiles of residual temperatures (12 average calendar months)
gw_Lz_single_map_clim_XX	km	4-D (lon, lat, z, month)	climatological global maps of gravity wave vertical wavelengths calculated from single altitude profiles of residual temperatures (12 average calendar months)
gw_kh_mfpairs_map_clim_XX	km^{-1}	4-D (lon, lat, z, month)	climatological global maps of gravity wave horizontal wavenumbers divided by 2π calculated for those pairs of altitude profiles that are used to estimate momentum fluxes (12 average calendar months)