<table>
<thead>
<tr>
<th>parameter name</th>
<th>unit</th>
<th>array type</th>
<th>description</th>
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<tbody>
<tr>
<td>lon_grid_map_XX</td>
<td>degrees</td>
<td>1-D</td>
<td>longitude coordinate for global maps</td>
</tr>
<tr>
<td>lat_grid_map_XX</td>
<td>degrees</td>
<td>1-D</td>
<td>latitude coordinate for global maps</td>
</tr>
<tr>
<td>z_grid_map_XX</td>
<td>km</td>
<td>1-D</td>
<td>altitude coordinate for global maps</td>
</tr>
<tr>
<td>gwmf_map_clim_XX_Pa</td>
<td>Pa</td>
<td>4-D (lon, lat, z, month)</td>
<td>climatological global maps of gravity wave momentum fluxes (12 average calendar months)</td>
</tr>
<tr>
<td>gwmf_map_clim_XX_m2s2</td>
<td>m²s⁻²</td>
<td>4-D (lon, lat, z, month)</td>
<td>same, but in units of m²s⁻²</td>
</tr>
<tr>
<td>gw_temp_var_map_clim_XX</td>
<td>K²</td>
<td>4-D (lon, lat, z, month)</td>
<td>climatological global maps of gravity wave temperature variances (12 average calendar months)</td>
</tr>
<tr>
<td>gw_temp_ampsq_single_map_clim_XX</td>
<td>K²</td>
<td>4-D (lon, lat, z, month)</td>
<td>climatological global maps of gravity wave squared amplitudes of single altitude profiles (12 average calendar months)</td>
</tr>
<tr>
<td>gw_temp_ampsq_mfpairs_map_clim_XX</td>
<td>K²</td>
<td>4-D (lon, lat, z, month)</td>
<td>climatological global maps of gravity wave squared amplitudes of pairs that are used to estimate momentum fluxes (12 average calendar months)</td>
</tr>
<tr>
<td>gw_Epot_single_var_map_clim_XX</td>
<td>Jkg⁻¹</td>
<td>4-D (lon, lat, z, month)</td>
<td>climatological global maps of gravity wave potential energies calculated from variances based on single altitude profiles of residual temperatures (12 average calendar months)</td>
</tr>
<tr>
<td>gw_Lz_single_map_clim_XX</td>
<td>km</td>
<td>4-D (lon, lat, z, month)</td>
<td>climatological global maps of gravity wave vertical wavelengths calculated from single altitude profiles of residual temperatures (12 average calendar months)</td>
</tr>
<tr>
<td>gw_kh_mfpairs_map_clim_XX</td>
<td>km⁻¹</td>
<td>4-D (lon, lat, z, month)</td>
<td>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)</td>
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</tbody>
</table>