|  |  |  |
| --- | --- | --- |
| **Dimension** |  |  |
| z |  |  |
| y |  | Northing in m |
| x |  | Easting in m |
| nspecies |  | Number of emission species |
| ncat |  | Number of emission categories |
| npm |  | Number of PM species |
| nvoc |  | Number of VOC species |
| nmonthdayhour |  | Time scaling factors |
| max\_string\_length |  |  |
| nox\_comp |  | Composition of NOX (NO & NO2) |
| sox\_comp |  | Composition of SOX (SO2 & SO4) |
| pm\_comp |  | Composition of PM (PM10, PM2.5, PM1) |
| voc\_comp |  | Composition of VOC |
|  |  |  |
| **Variable** | **Type** | **Remark** |
| z | NC\_FLOAT | Dimension: z |
| x | NC\_FLOAT | Dimension: x |
| y | NC\_FLOAT | Dimension: y |
| emission\_name | NC\_CHAR(25) | Dimension: nspecies |
| emission\_index | NC\_USHORT | Dimension: nspceies |
| emission\_values | NC\_FLOAT | Dimension: z,y,x,species,ncat |
| emission\_time\_factors | NC\_FLOAT | Dimension: nmonthdayhour, ncat |
| emission\_category\_name | NC\_CHAR(25) | Dimension: ncat, max\_string\_length |
| emission\_category\_index | NC\_USHORT | Dimension: ncat |
| composition\_nox | NC\_FLOAT | Dimension: nox\_comp, ncat |
| composition\_sox | NC\_FLOAT | Dimension: sox\_comp, ncat |
| emission\_pm\_name | NC\_CHAR(25) | Dimension: npm, max\_string\_length |
| composition\_pm | NC\_FLOAT | Dimension:pm\_comp, npm |
| emission\_voc\_name | NC\_CHAR(25) | Dimension: nvoc, max\_string\_length |
| composition\_voc | NC\_FLOAT | Dimension: voc\_comp, nvoc |