The print edition of the Geochemical Atlas of the Federal Republic of Germany from 1985 does not contain a map of the distribution of molybdenum content in stream sediments. For the digital provision, such a map was created from the measured values for molybdenum available in the database.

Explanation of the downloadable graphic file (*.png, *.pdf)

- The name of the downloadable graphic files follows the pattern
  XX_YY_ZZ.

  Thereby stand:

  XX for the chemical symbol of the represented parameter in the periodic table of elements (or for an abbreviation for the corresponding parameter),

  YY for the sampling medium,

  sed: stream sediments,

  aqua: stream waters,

  ZZ for the calculation method used,

  AA_classes:
  - colour shaded contour map,
  - interpolation method Kriging,
  - legend with AA classes and variable colour gradient scale,

  original_classes:
  - colour shaded contour map,
  - interpolation method Kriging,
  - legend as in the 1985 paper edition,

  original_method:
  - map generated according to the calculation method described in the chapter “Presentation of results”,

  Points_AA_classes:
  - representation of the content at the sample point,
  - legend with AA classes and variable colour gradient scale (equivalent to that of the corresponding colour shaded contour map),

  Points_original_classes:
  - representation of the content at the sample point,
  - legend as in the 1985 paper edition.

- The scale of the full size maps is 1 : 2,000,000.

Explanation of the ESRI-Shapefiles

- All shapefiles belonging to one element or parameter are combined in one ZIP file.
- The naming of the shapefiles within the ZIP file follows the same pattern as the naming of the graphic files.
- The spatial resolution of the shapefiles with the feature type polygon (AA_classes, original_classes, original_method) is 1 : 2,000,000. The spatial resolution results from the sampling density of one sample per 3.5 km^2 on average. The shapefiles are not suitable for representation at larger scales (e.g. 1 : 100,000). The spatial resolution of the shapefiles with the feature type point is unlimited.
- The coordinate reference system of the shapefiles is EPSG:3035 (ESRI: ETRS_1989_LAEA). Further information can be found at https://epsg.io/3035.
- The attribute tables of the shapefiles with the feature type polygon include the fields GRIDCODE (format integer) and CLASSLIMIT (format string, length 75). The field GRIDCODE contains the (numeric) class number of the corresponding area; the field CLASSLIMIT contains the corresponding content interval.
- The attribute tables of the shapefiles with the feature type point include the following fields:

RW_GK	X-coordinate of the point in the system EPSG:31467 (https://epsg.io/31467),
HW_GK	Y-coordinate of the point in the system EPSG:31467 (https://epsg.io/31467),
RW_ETRS89	X-coordinate of the point in the system EPSG:3035 (https://epsg.io/3035),
HW_ETRS89	Y-coordinate of the point in the system EPSG:3035 (https://epsg.io/3035),
XX	content of the element or parameter XX measured in the sample,
CLASS_ORIG	the (numerical) class number of the class into which the value falls, related to the class division according to the 1985 paper edition,
LIMIT_ORIG	the content interval of the class in CLASS_ORIG,
CLASS_72	the (numerical) class number of the class into which the value falls, related to the class division with 72 classes and variable colour gradient scale,
LIMIT_72	the content interval of the class in CLASS_72.