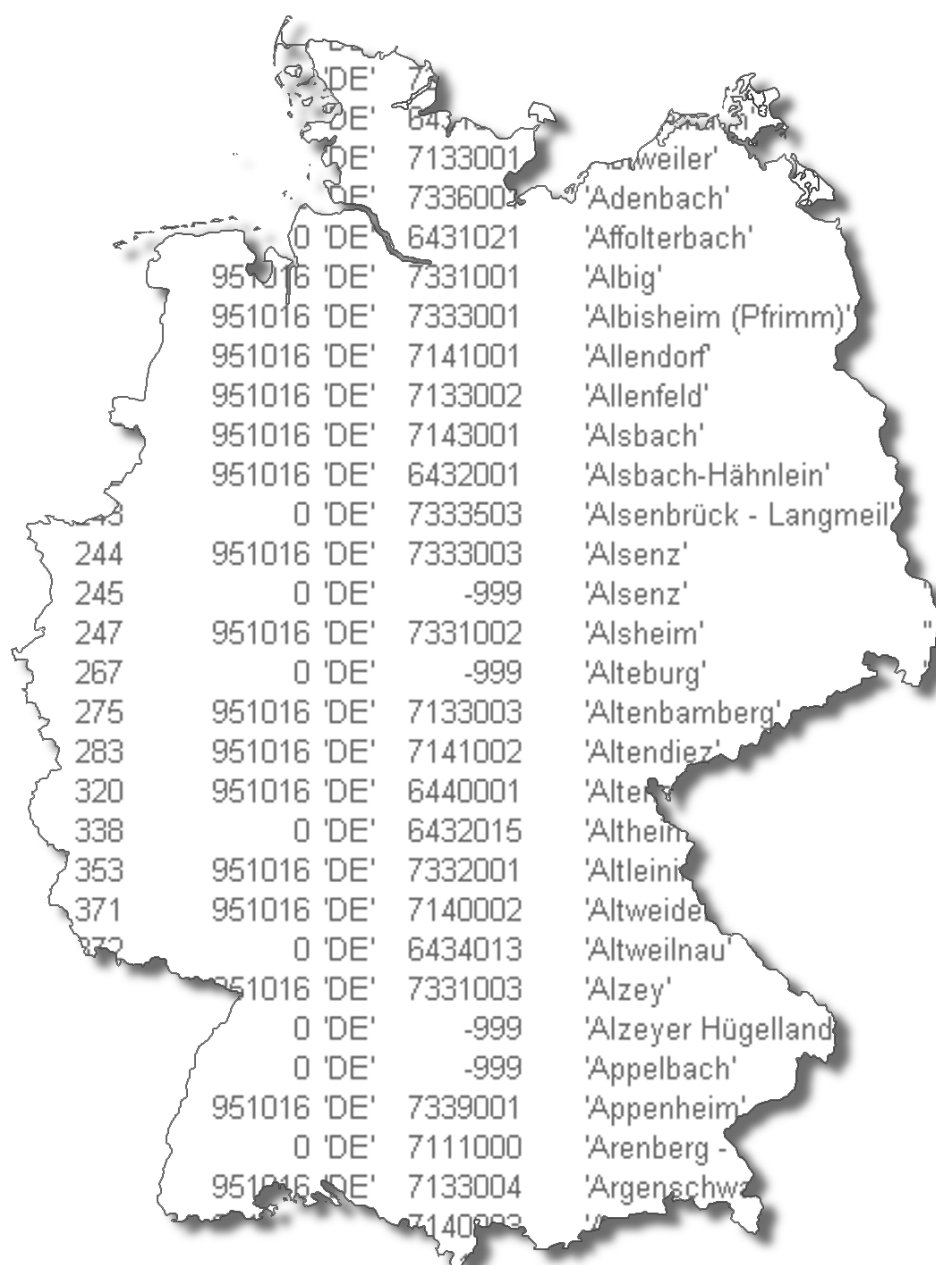


Geographical Names 1 : 250 000

GN250



Status of Documentation: 01.11.2006

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1 Index of data sets

| | |
|--------------------------|--|
| Product | : GN250 |
| Contents | : Geographical names of municipalities, municipal parts, landscapes, mountain ranges, mountains, islands, rivers, canals, lakes, seas etc The selection of the geographical names is based on the map scale 1 : 250 000 |
| Area | : Federal Republic of Germany |
| Georeferencing | : <ul style="list-style-type: none">- Geographical coordinates Ellipsoid WGS84 (here identical with GRS80), Datum WGS84 (here identical with ETRS89)- Gauss-Krüger projection in the 3rd meridional strip Bessel ellipsoid, Potsdam Datum (origin of Rauenberg),- UTM projection in the zone 32 Ellipsoid WGS84 (here identical with GRS80), Datum WGS84 (here identical with ETRS89)- Lambert projection Ellipsoid WGS84 (here identical with GRS80), Datum WGS84 (here identical with ETRS89) parallel of latitude 1: 48° 40' longitude origin of coordinates (central meridian): 10° 30' parallel of latitude 2: 53° 40' latitude origin of coordinates: 51° 00' Other projections on request |
| Updatedness | : Annual updating of communes (area, population and surface) |
| Sources | : <ul style="list-style-type: none">- Registers of the statistical offices of the federal states- Statistical Office Germany (populations and sizes of areas)- Joint Operations Graphic 1 : 250 000 (JOG250) |
| Production method | : Manual digitization |
| Resolution | : 1" (geographical), 100 m (Gauss-Krüger), 100 m (UTM) |
| Data formats | : <ul style="list-style-type: none">- ArcInfo EXPORT- ArcInfo GENERATE- ArcInfo SHAPE |
| Data carrier | : CD-ROM, DAT 4mm |

2 Description of dataset attributing

| Attribute name | meaning |
|----------------|--|
| AREA | --- |
| PERIMETER | --- |
| GN250_G# | --- |
| GN250_G-ID | ID (successive number) |
| DATUM | Date of last modification of the dataset |
| STAAT | Two-letter code (ISO 3166, DIN-NABD 10.2 2-92) |
| AGS | Official key-number of communes |
| NAME | Object name |
| GENUS | Gender of the geographical object (m, f, n, pl) |
| SYNO | Synonym of the object name, alternatively Sorbian name ¹ |
| GENUSSYNO | Gender of the SYNO (m, f, n, pl, s = Sorbian name) |
| AMT | Name of an municipal association below the level of a district |
| HOEHE | Height above sea level (m) |
| GROESSE | Surface in km ² (only for municipalities), Length of river in km or surface of lakes or islands in km ² |
| EWZ | Population of municipalities |
| GEWKKGK | Hydrological area code number |
| NATRHE | Index of the principal natural region |
| OSKA A | Combination of OSKA 1-10 (for simplified selection) |
| OSKA 1 - 10 | Feature code (max. four digits, see enclosure) ² |
| GEOLA | Geographical longitude [degree, minutes, seconds (GGMSS)] ³ |
| GEOBR | Geographical latitude [degree, minutes, seconds (GGMSS)] ³ |
| GKRE | Gauss-Krüger easting (m) |
| GKHO | Gauss-Krüger northing (m) |
| UTMEA | UTM easting (m) |
| UTMNO | UTM northing (m) |
| TK25 | Number of the TM 25 |
| TK50 | Number of the TM 500 |
| TK100 | Number of the TM 100 |
| TK200 | Number of the GTM 200 |
| JOG250 | Name included in the map series |
| TK500 | Name included in the map series |
| TK1000 | Name included in the map series |

¹ To enable correct representation of Sorbian letters a "True Type" typeface file (Arial Special Slavish) is included in the delivery, which may be integrated under Unix or Windows into the respective system and has to be selected in the applied software for the purpose of correct visualization.

² OSKA 2, 3,10 contain attributes referring to the relevant object (cf. also point 6).

³ The geographical coordinates figuring in den attribute values correspond to the reference system Potsdam (origin of Rauenberg) Bessel ellipsoid.

3 Data volume and data carriers

- Number of data sets : ca 58 000
- EXPORT format : 46 MB (data set consists of one file)
- GENERATE format : 17 MB (data set consists of three files)
- SHAPE format : 22 MB (data set consists of four files)
- Data carriers : CD ROM, ISO 9660 (further data carriers on request)

4 Data formats

ArcInfo EXPORT

GN250.E00

ArcInfo GENERATE

For general format description cf.: "data exchange format GENERATE Format (ARC/INFO)"

Files:

- GN250.LIT Attribute file (ID and attributes)
- GN250.LST Attribute definition file (definition of attributes)
- GN250.LGE Geometry file POINTS [ID and geographical coordinates]
Line format : I 6,F7.4,F7.4

Example geographical coordinates:

| | | | | |
|-------------------------|---|------------------|---|------------|
| 14747, 13.4552, 54.5302 | = | point number | : | 014747 |
| | | geogr. longitude | : | 13, 4552 ° |
| | | geogr. latitude | : | 54, 5302 ° |

Example Lambert coordinates:

| | | | | |
|----------------------------|---|--------------|---|-------------|
| 3973, -176141.5, -125061.1 | = | point number | : | 003973 |
| | | easting | : | -176141.5 m |
| | | northing | : | -125061.1 m |

ArcInfo SHAPE

Files:

- GN250.DBF DBASE attribute file ID and attributes
- GN250.PRJ Georeferencing
- GN250.SHP Geometry files POINTS
- GN250.SHX ID and coordinates

Note:

In the attribute file GN250.LIT the comma is used as a separator.

Given that the geographical names appearing in this file may include commas, too, the character strings are put between tick marks (e.g. 'Eisleben, Lutherstadt').

5 General hints on interpretation

The file 'geographical names' contains besides the names of towns, communes/municipalities and parts of towns or communes, waters, mountains and mountain ranges, islands and other geographical objects for the territory of the Federal Republic of Germany.

The 8-digit “statistical key-number“ indicates the allocation of the places to the respective federal state “Land” (1st and 2nd digit), the government region “Regierungsbezirk” (3rd digit), the district “Kreis” (4th and 5th digit), and the municipality “Gemeinde” (6th to 8th digits). Parts of municipalities have been assigned the statistical key number of the municipality to which they belong.

The administrative units are included as keys in the dataset (OSKA1 = 651, 652 or 653).

Example:

| | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | digit |
|--|---------------|----|-------------------|----------|----|--------------|----|----|-------|
| | L | L | R | K | K | G | G | G | |
| | | | | | | | | | |
| | | | | | | municipality | | | |
| | | | | district | | | | | |
| | | | government region | | | | | | |
| | federal state | | | | | | | | |

The waters are provided with a 4-digit “drainage area number“, which allows to determine the respective receiving waters.

A two-digit "code number of the principal natural region" allocates mountains, mountain ranges, lakes to a larger landscape unit. Lakes connected to a river bear in addition the drainage area number of the latter.

The feature type is described by “feature-codes“. A main key, e.g. 611 for borough, may be supplemented with up to six other feature-codes (e.g. for the seat of a district administration, a railway station, a highway interchange, border crossing point etc).

The meaning of all feature-codes is given in the enclosure.

The “site” of the objects“, in the case of settlements, mountains, lakes a point in the middle of the respective object, in the case of rivers the mouth or the leave from the Federal territory, is marked by geographical coordinates (longitude and latitude), by national coordinates in the Gauss-Krüger system (easting, northing) as well as by UTM coordinates (easting, northing) which, as a rule, were taken from the corresponding sheets of the General Topographic Map 1 : 200 000 and the Topographic Map 1 : 50 000, respectively.

From the geographical coordinates were derived, through computation, the numbers of the map sheets of the different scales (1 : 25 000 - 1 : 200 000) containing the respective object reference points.

6 Meaning of the feature-codes

Meaning of the feature-codes in the fields OSKA A and OSKA 1 - 10 :

According to : "Catalog for the Coding of Planimetric Features- Feature-code catalog (OSKA)" of the "Arbeitsgemeinschaft der Vermessungsverwaltungen der Länder der Bundesrepublik Deutschland (AdV)" (Working Committee of the Survey Administrations of the States of the Federal Republic of Germany).

OSKA1:

| | |
|------|--|
| 611 | Borough("Stadtgemeinde") |
| 612 | Rural community ("Landgemeinde") |
| 613 | Part of a town or commune |
| 641 | Landscape (general) |
| 642 | Mountain range, hill-country |
| 644 | Island |
| 651 | Federal state ("Bundesland") |
| 652 | Government region („Regierungsbezirk“) |
| 653 | District („Kreis“) |
| 931 | Mountain |
| 8046 | Sand area in tidal flats |
| 8100 | River |
| 8200 | Canal |
| 8500 | Ditch |
| 8610 | Lake (natural) |
| 8620 | Reservoir, artificial lake |
| 8641 | Sea or part of sea |

OSKA2 to 10:

| | |
|------|--|
| 674 | Capital of the Federal Republic of Germany |
| 675 | Capital of a federal state |
| 676 | Seat of a authority of a government region |
| 677 | Seat of a authority of a district |
| 680 | Town which does not belong to a district ("kreisfreie Stadt", "Stadtkreis for Baden-Württemberg) |
| 692 | Small market town or townlet |
| 693 | Member of a municipal association ("Samtgemeinde" or "Verbandsgemeinde", "amtsangehörige Gemeinde") |
| 694 | Central place (seat of a municipal association or official seat) |
| 924 | Autobahn y-interchange |
| 925 | Main traffic junction (= 5460 (railway station) + 5510 (national and / or international commercial airport) + 5127 (autobahn approach) <u>and / or</u> 924 (autobahn y-interchange), 5128 (autobahn interchange), 926 (important road crossing) |
| 926 | Important road crossing |
| 1114 | Border crossing point |
| 2840 | Spa or seaside resort |
| 5127 | Autobahn junction |
| 5128 | Autobahn interchange |
| 5460 | Railway station |
| 5511 | Airport, airfield |
| 5610 | Sea or inland port |

7 Hints on the supply of data

The dataset is provided only for the total territory of the Federal Republic of Germany.

The data may be supplied also in georeferencings other than those specified under point 1. However, this extra expenditure required for this is invoiced by BKG in addition to the total fee.

8 Test data

Test data are available for downloading under www.geodatenzentrum.de.

9 Ordering and other services

Orders can be placed through our **online ordering system** under www.geodatenzentrum.de → *ordering*.

You may also send your order to the following address:

Bundesamt für Kartographie und Geodäsie
Referat GI1
Richard-Strauss-Allee 11
D-60598 Frankfurt am Main

Tel.: (069) 63 33 - 349 oder 400
Fax: (069) 63 33 - 441
E-Mail: geodateninfo@bkg.bund.de

You will find further information and services under www.geodatenzentrum.de.