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TOPONYMIC DATA FILES: DATA COLLECTION PROCEDURES

List of catchment areas of Austria

Catchment area of the river Drau

Paper submitted by Austria\*\*

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## List of catchment areas of Austria Catchment area of the river Drau

### Historical background

The Hydrographic Central Office (HZB) shortly after its foundation in 1896 began with the publication of the lists of catchment areas, rivers, rivulets, and lakes; in 1913 the first detailed list was published of the catchment areas of the rivers Inn and Salzach. Not until after World War II these tasks could be continued, and they were concluded for the time being.

Electronic data processing supported publication. The development of GIS systems made it possible to carry out these projects by the aid of electronic data processing, too. The Institute of Hydraulics, Hydrology, Water Supply and Distribution at the Technical University of Vienna developed programmes for the calculation of geographical characteristics, which permit the compilation of lists of catchment areas of the Austrian rivers, rivulets, and lakes by means of personal computer. In this way the volume of the river Drau was adapted. The demarcation of partial areas was carried out on the Austrian Maps 1:50 000 (ÖK 50) as it was done before. The catchment areas were demarcated from approx. 1 km<sup>2</sup> onwards and afterwards digitized in the Gauß-Krüger system of coordinates.

### Names collection

Because of the lack of names material all names were collected anew on the basis of the Austrian Map 1:50 000 (ÖK 50). To collect the names of those rivulets which aren't listed in the ÖK 50 the HZB made use of an enquiry method by correspondence: all local communes were asked to name all rivulets within their areas and in their local spelling. 70% of the respective communes answered, so that nearly all bodies of water within the catchment area of the river Drau could be named. The spellings were checked by linguists of the University of Klagenfurt as well as by district survey offices and the Hydrographic Central Office itself. If there is also a name in the minority language it was taken into consideration as far as possible.

### Publication

The table (supplement 1) contains the text and the number of the area as well as the respective number of the ÖK 50 map sheet. The supplementary map was produced on the scale 1:200 000; it comprises all the names of the bodies of water.

Together with the new publication the HZB provided a register (supplement 2) of all Austrian bodies of water containing the following data: number of the area, Gauss-Krueger coordinates related to the catchment area, map sheet number, meridian strips, names of the bodies of water and their sections. This list was provided by means of MS Excel program and shall be extended for a hydrological data base.

# Beilage 1

## FLÄCHENVERZEICHNIS ÖSTERREICHISCHER FLUSSGEBIETE: DRAUGEBIET

| NR. DER ORDNUMG |     |    |   |   |   |                                                                             | GEBIET                             |  |  |  |  |      | FLÄCHE (km²) DES GEBIETES DER ORDNUMG |      |       |       |       |   |
|-----------------|-----|----|---|---|---|-----------------------------------------------------------------------------|------------------------------------|--|--|--|--|------|---------------------------------------|------|-------|-------|-------|---|
| 2               | 3   | 4  | 5 | 6 | 7 |                                                                             |                                    |  |  |  |  | 7    | 6                                     | 5    | 4     | 3     | 2     |   |
|                 |     |    |   |   |   |                                                                             | ÜBERTRAG:                          |  |  |  |  |      | .                                     | .    | .     | 24,67 | 38,20 | . |
|                 |     |    |   |   |   |                                                                             | Feistritz bis Krumbach             |  |  |  |  |      | .                                     | .    | .     |       | 62,87 | . |
|                 |     |    |   |   |   |                                                                             | KRUMBACH                           |  |  |  |  |      |                                       |      |       |       |       |   |
| 220             | 316 | 22 | 1 | 0 | 0 | Krumbach<br>bis zum Kreuzbach (188,205)                                     |                                    |  |  |  |  | .    | .                                     | 4,38 | .     | .     | .     |   |
|                 |     |    |   |   |   |                                                                             | Krumbach bis zum Kreuzbach         |  |  |  |  |      | .                                     | .    | .     | 4,38  | .     | . |
|                 |     |    |   |   |   |                                                                             | KREUZBACH                          |  |  |  |  |      |                                       |      |       |       |       |   |
| 220             | 316 | 22 | 2 | 1 | 0 | Kreuzbach<br>(im Oberlauf Krennbach genannt) bis zum Assankerbach (188,205) |                                    |  |  |  |  | .    | 8,14                                  | .    | .     | .     | .     |   |
| 220             | 316 | 22 | 2 | 2 | 0 | <u>Assankerbach r.</u><br>(205)                                             |                                    |  |  |  |  | .    | 2,12                                  | .    | .     | .     | .     |   |
| 220             | 316 | 22 | 2 | 3 | 0 | Kreuzbach<br>vom Assankerbach bis zum Glitzbach (188,205)                   |                                    |  |  |  |  | .    | 0,83                                  | .    | .     | .     | .     |   |
|                 |     |    |   |   |   |                                                                             | Kreuzbach bis zum Glitzbach        |  |  |  |  |      | .                                     | .    | 11,09 | .     | .     | . |
|                 |     |    |   |   |   |                                                                             | GLITZBACH                          |  |  |  |  |      |                                       |      |       |       |       |   |
| 220             | 316 | 22 | 2 | 4 | 1 | Glitzbach<br>bis zum Bodenbach                                              |                                    |  |  |  |  | 4,40 | .                                     | .    | .     | .     | .     |   |
| 220             | 316 | 22 | 2 | 4 | 2 | <u>Bodenbach r.</u><br>(188)                                                |                                    |  |  |  |  | 3,08 | .                                     | .    | .     | .     | .     |   |
| 220             | 316 | 22 | 2 | 4 | 3 | Glitzbach<br>vom Bodenbach bis zur Mündung in den Kreuzbach<br>(188,205)    |                                    |  |  |  |  | 1,28 | .                                     | .    | .     | .     | .     |   |
|                 |     |    |   |   |   |                                                                             | GLITZBACH                          |  |  |  |  |      | .                                     | 8,76 | .     | .     | .     | . |
|                 |     |    |   |   |   |                                                                             | Kreuzbach einschließlich Glitzbach |  |  |  |  |      | .                                     | .    | 19,85 | .     | .     | . |
| 220             | 316 | 22 | 2 | 5 | 0 | Kreuzbach<br>vom Glitzbach bis zum Mühlbach                                 |                                    |  |  |  |  | .    | 3,16                                  | .    | .     | .     | .     |   |
| 220             | 316 | 22 | 2 | 6 | 0 | <u>Mühlbach l.</u><br>(188,205)                                             |                                    |  |  |  |  | .    | 2,68                                  | .    | .     | .     | .     |   |
| 220             | 316 | 22 | 2 | 7 | 0 | Kreuzbach<br>vom Mühlbach bis zur Mündung in den Krumbach<br>(188,205)      |                                    |  |  |  |  | .    | 2,24                                  | .    | .     | .     | .     |   |
|                 |     |    |   |   |   |                                                                             | KREUZBACH                          |  |  |  |  |      | .                                     | .    | 27,93 | .     | .     | . |
|                 |     |    |   |   |   |                                                                             | Krumbach einschließlich Kreuzbach  |  |  |  |  |      | .                                     | .    | .     | 32,31 | .     | . |
| 220             | 316 | 22 | 3 | 0 | 0 | Krumbach<br>vom Kreuzbach bis zum Bach vom Dreieckkogel (205)               |                                    |  |  |  |  | .    | .                                     | 2,16 | .     | .     | .     |   |
| 220             | 316 | 22 | 4 | 0 | 0 | <u>Bach vom Dreieckkogel r.</u><br>(205)                                    |                                    |  |  |  |  | .    | .                                     | 3,27 | .     | .     | .     |   |
| 220             | 316 | 22 | 5 | 0 | 0 | Krumbach<br>vom Bach vom Dreieckkogel bis zum Blasibach (205)               |                                    |  |  |  |  | .    | .                                     | 0,22 | .     | .     | .     |   |
| 220             | 316 | 22 | 6 | 0 | 0 | <u>Blasibach r.</u><br>(205)                                                |                                    |  |  |  |  | .    | .                                     | 1,66 | .     | .     | .     |   |
| 220             | 316 | 22 | 7 | 0 | 0 | Krumbach<br>vom Blasibach bis zum Waldjoiselbach (205,206)                  |                                    |  |  |  |  | .    | .                                     | 1,79 | .     | .     | .     |   |
|                 |     |    |   |   |   |                                                                             | FÜRTRAG                            |  |  |  |  |      | .                                     | .    | 9,55  | 32,31 | 62,87 | . |

## Beilage 2

| Flächennummer | Koordinaten Gauß-Krüger | ÖK Blatt | Meridian | Gewässer       | Gewässerabschnitt                                                                |
|---------------|-------------------------|----------|----------|----------------|----------------------------------------------------------------------------------|
| 2 220 1       | 0 0 0 0 0               | 195      | M31      | Drau           | Drau - bis zum Erlbach (Die gesamte Fläche liegt auf italienischem Gebiete)      |
| 2 220 2       | -75629,0                | 178      | M31      | Erlbach        | Erlbach - (Davon 0,85 km² auf italienischem Gebiet) linker Zubringer zur(m) Drau |
| 2 220 3       | -74260,4                | 195      | M31      | Drau           | Drau - vom Erlbach bis zum Genisbach (Davon 0,6 km² auf italienischem Gebiet)    |
| 2 220 4       | -73540,1                | 195      | M31      | Genisbach      | Genisbach - rechter Zubringer zur(m) Drau                                        |
| 2 220 5       | -72798,5                | 195      | M31      | Drau           | Drau - vom Genisbach bis zum Tödterbach                                          |
| 2 220 6       | -73387,6                | 178      | M31      | Tödterbach     | Tödterbach - linker Zubringer zur(m) Drau                                        |
| 2 220 7       | -73736,5                | 195      | M31      | Drau           | Drau - vom Tödterbach bis zum Staudenbach                                        |
| 2 220 8       | -71923,0                | 178      | M31      | Staudenbach    | Staudenbach - linker Zubringer zur(m) Drau                                       |
| 2 220 9       | -71752,9                | 195      | M31      | Drau           | Drau - vom Staudenbach bis zum Frauenbach                                        |
| 2 220 10      | -71694,2                | 195      | M31      | Frauenbach     | Frauenbach - rechter Zubringer zur(m) Drau                                       |
| 2 220 11      | -72036,1                | 195      | M31      | Drau           | Drau - vom Frauenbach bis zum Weidenbach                                         |
| 2 220 12      | -70685,8                | 178      | M31      | Weidenbach     | Weidenbach - linker Zubringer zur(m) Drau                                        |
| 2 220 13      | -71191,0                | 195      | M31      | Drau           | Drau - vom Weidenbach bis zum Sägebach (r.)                                      |
| 2 220 14      | -68002,9                | 195      | M31      | Sägebach       | Sägebach - bis zum Hintertalbach                                                 |
| 2 220 15      | -70266,5                | 195      | M31      | Hintertalbach  | Hintertalbach - linker Zubringer zur(m) Sägebach                                 |
| 2 220 16      | -71123,6                | 195      | M31      | Sägebach       | Sägebach - vom Hintertalbach bis zum Kaserbach                                   |
| 2 220 17      | -69638,1                | 195      | M31      | Kaserbach      | Kaserbach - rechter Zubringer zur(m) Sägebach                                    |
| 2 220 18      | -68306,3                | 195      | M31      | Sägebach       | Sägebach - vom Kaserbach bis zur Mündung in die Drau                             |
| 2 220 19      | -68324,7                | 195      | M31      | Drau           | Drau - vom Sägebach bis zum Villgratenbach (l.)                                  |
| 2 220 20      | -67936,1                | 178      | M31      | Villgratenbach | Villgratenbach - (im Oberlauf Arntalbach genannt) bis zum Lerchenbach            |
| 2 220 21      | -74952,8                | 177      | M31      | Lerchenbach    | Lerchenbach - rechter Zubringer zur(m) Villgratenbach                            |
| 2 220 22      | -77159,7                | 177      | M31      | Villgratenbach | Villgratenbach - vom Lerchenbach bis zum Klapfbach                               |
| 2 220 23      | -77695,4                | 177      | M31      | Klapfbach      | Klapfbach - rechter Zubringer zur(m) Villgratenbach                              |
| 2 220 24      | -78843,0                | 177      | M31      | Villgratenbach | Villgratenbach - vom Klapfbach bis zum Riepenbach                                |
| 2 220 25      | -77011,9                | 177      | M31      | Riepenbach     | Riepenbach - rechter Zubringer zur(m) Villgratenbach                             |
| 2 220 26      | -78681,4                | 177      | M31      | Villgratenbach | Villgratenbach - vom Riepenbach bis zum Kamelisenbach                            |
| 2 220 27      | -77398,7                | 178      | M31      | Kamelisenbach  | Kamelisenbach - linker Zubringer zur(m) Villgratenbach                           |
| 2 220 28      | -75035,9                | 178      | M31      | Villgratenbach | Villgratenbach - vom Kamelisenbach bis zum Krumbach                              |
| 2 220 29      | -76178,3                | 177      | M31      | Krumbach       | Krumbach - rechter Zubringer zur(m) Villgratenbach                               |
| 2 220 30      | -77892,8                | 178      | M31      | Villgratenbach | Villgratenbach - vom Krumbach bis zum Bodenbach                                  |
| 2 220 31      | -76074,4                | 178      | M31      | Villgratenbach |                                                                                  |