



Possible relation between the Mueller map of Bohemia and the 1st Military mapping – a case study of the Kladno region

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The Mueller map of Bohemia originated in the years 1712 till 1718 as the result of the first systematic topographic mapping of the Czech lands. This map served as a base for the 1st Military mapping realized in the years 1763 - 1787 on the area of the whole monarchy.

The paper presents a study of relations between the Mueller map of Bohemia and the maps from the 1st Military mapping. Following the similar research done for a testing area in the South of Bohemia, the attention is paid to the region near the town Kladno in the Central Bohemia. The sections of the above mentioned old maps in electronic (raster) form have been used for accuracy comparison of the positioning of selected seats located within the testing area. Then the same area has been investigated on present resources: the Basic map of the Czech Republic 1: 25 000 and the ortophoto.

The centres of 39 settlements have been identified in all the compared maps and their rectangular plane coordinates have been recorded. The coordinates have been transformed (affine transformation) and analysed. The presented results may contribute to the discussion on the positional accuracy of these old maps and on the way our predecessors used for mapping of the Czech lands in the 18th century.

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